**ACTON •
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Consulting Scientists, Engineers, and Geologists

August 19, 2005

Mr. Craig Hunt, Water Resource Control Engineer
Regional Water Quality Control Board—North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

Via Overnight and E-mail

16017.01

Subject: *Ground Water Monitoring Report, First Quarter 2005*
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue
Fort Bragg, California

Dear Mr. Hunt:

Enclosed please find a hard copy of *Ground Water Monitoring Report, First Quarter 2005* for the Georgia-Pacific California Wood Products Manufacturing Facility, located at 90 West Redwood Avenue, Fort Bragg, California

Please do not hesitate to call should you have any questions.

Very truly yours,

ACTON • MICKELSON • ENVIRONMENTAL, INC.

Michael A. Acton
Vice President

Enclosures: *Ground Water Monitoring Report, First Quarter 2005*

cc: Ms. Julie Raming, Georgia-Pacific Corporation
Mr. Doug Heitmeyer, Georgia-Pacific Corporation
Ms. Linda Ruffing, City of Fort Bragg
Ms. Kay Johnson, Tetra Tech, Inc.

MA:MWC:tm

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GROUND WATER MONITORING REPORT
FIRST QUARTER 2005

GEORGIA-PACIFIC CALIFORNIA WOOD PRODUCTS MANUFACTURING FACILITY
90 WEST REDWOOD AVENUE
FORT BRAGG, CALIFORNIA

AME PROJECT NO. 16017.01

August 19, 2005

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GROUND WATER MONITORING REPORT
FIRST QUARTER 2005

GEORGIA-PACIFIC CALIFORNIA WOOD PRODUCTS MANUFACTURING FACILITY
90 WEST REDWOOD AVENUE
FORT BRAGG, CALIFORNIA
AME PROJECT NO. 16017.01

August 19, 2005

1.0 INTRODUCTION

Georgia-Pacific Corporation (G-P) has authorized the preparation of this report for the monitoring and sampling of ground water beneath the former G-P California Wood Products Manufacturing Facility (site; Figures 1 and 2) located at 90 West Redwood Avenue in Fort Bragg, California.

1.1 Objectives of Ground Water Monitoring

Work documented in this report was conducted to:

- Provide baseline ground water quality data by collecting and analyzing samples from available monitoring wells during a single event
- Determine if changes are necessary to the scope of future sampling events to more effectively and efficiently monitor ground water conditions

1.2 Site Description

The site is located along the Pacific Ocean coastline in the City of Fort Bragg, Mendocino County, California. Located on approximately 445 acres west of Highway One, the site is bounded to the south by Noyo Bay, to the west and northwest by open coastline, and to the northeast and east by the City of Fort Bragg. The site was divided into ten parcels during previous investigations based on historical operations and land use. Figure 2 is a site map showing the locations of parcels, major buildings, ponds, and other features.

2.0 SCOPE OF WORK

Field work for the first quarter 2005 ground water monitoring event was conducted between March 28 and 31, 2005.

2.1 Ground Water Monitoring Well Network

The monitoring well network used to collect and analyze samples during this event consists of 30 monitoring wells installed in six of the ten parcels for G-P environmental investigations. Figure 3 is a map depicting the ground water monitoring well locations. Most of these monitoring wells are 20 feet deep, and are screened across the water table (Table 1).

In March 2005, monitoring well MW-10.3 was not sampled due to insufficient water in the casing.

2.2 Methodologies

Procedures used to measure ground water elevation and liquid phase hydrocarbons (LPH) thickness, purge monitoring wells, monitor field parameters, collect, handle, and document ground water samples, and conduct laboratory analyses during this sampling event are presented in Appendix A. The work was performed in accordance with the Sampling and Analysis Plan (SAP) and Quality Assurance Plan (QAP), which are Appendices A and C of the Acton • Mickelson • Environmental, Inc. (AME) June 8, 2005 *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.*

2.2.1 Ground Water Elevation and Liquid Phase Hydrocarbon Measurements

On March 28, 2005, prior to purging and sampling, measurements were collected from each monitoring well to determine the depth to water below the top of well casing and the thickness of LPH, if present. Measurements were made using an intrinsically safe Solinst® Model 122 Interface Meter, in accordance with procedures presented in the SAP. This instrument generates separate, distinct tones for LPH and water when the probe is lowered into the monitoring well, and is capable of detecting LPH thicknesses of 0.01 foot or more. These measurements were corrected to elevations relative to mean sea level (msl) by subtracting the depth to water from the elevation of the top of each monitoring well casing. The interface probe was decontaminated prior to use in each monitoring well gauged.

2.2.2 Ground Water Monitoring Well Purging, Sampling, and Analysis

Each of the monitoring wells was purged using a peristaltic pump and low-flow methods. Purge rates were maintained between 0.1 and 0.2 gallons per minute (gpm). To reduce the possibility of cross-contamination, dedicated peristaltic pump tubing was used to purge and sample each monitoring well. Dedicated discharge tubing was used for each monitoring well.

To determine when water chemistry had stabilized and low-flow purging was producing water representative of aquifer conditions, field measurements were made for pH, temperature, turbidity, specific conductance, dissolved oxygen (DO), and oxidation reduction potential (ORP). Measurements of these parameters were collected using Horiba U-22XD and Horiba U-10 water quality meters. A Hanna Model HI-9142 Dissolved Oxygen Meter was used in association with the Horiba U-10. A Chemits field Test Kit was used to compare readings collected from the meters measuring DO at a frequency of every fifth monitoring well sampled.

Ferrous iron concentrations were also determined in the field for each monitoring well using a Hach Model IR-18C Ferrous Iron Test Kit. These tests were conducted at the conclusion of the purging of each monitoring well by collecting a water sample from the pump discharge tube.

Measurements of field parameters and other relevant information for each monitoring well were recorded on Well Sampling/Development Information forms. Copies of these forms, along with ground water level measurement and instrument calibration data, are presented in Appendix B.

Following monitoring well purging, ground water samples were collected directly from the pump discharge tubing into the appropriate containers. The sample containers provided by the analytical laboratory were pre-washed, prepared, and supplied with preservatives in accordance with analytical laboratory quality assurance/quality control (QA/QC) protocols. Ground water samples for dissolved metals were filtered in the field with disposable 0.45-micron inline cartridge filters.

After placing ground water samples in appropriate containers, each was immediately labeled with the sample number, time, date, sampler's name, and preservative. The sample containers were then placed in coolers containing water ice along with a temperature blank and the chain-of-custody form pending delivery to the laboratory. Copies of chain-of-custody forms are included in Appendix C.

Ground water samples were submitted to Curtis & Tompkins Ltd. in Berkeley, California, a laboratory certified by the California Department of Health Services for analysis for the following:

- Total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), and total petroleum hydrocarbons as motor oil (TPHo) by United States Environmental Protection Agency (EPA) Method 8015B. Samples submitted for analysis of TPHd and TPHo were prepared with silica gel cleanup by EPA Method 3630C

- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8260B

- Methyl tertiary-butyl ether (MTBE) by EPA Method 8260B

- Volatile organic compounds (VOCs) by EPA Method 8260B

- Semi-volatile organic compounds (SVOCs) by EPA Method 8270C

- Polynuclear aromatic hydrocarbons (PAHs) by EPA Method 8310

- Polychlorinated biphenyls (PCBs) by EPA Method 8082

- Organochloride pesticides by EPA Method 8081A

- Dissolved metals by EPA Method 6010B or 7470A

- Tannin and lignin by Method SMWW 5550B

Copies of laboratory reports for samples collected during this ground water monitoring event are presented in Appendix C of this report.

2.2.3 Quality Assurance/Quality Control

QA/QC procedures outlined in the QAP were adhered to during the sampling events QC samples, including trip blanks, field duplicates, and matrix spike/matrix spike duplicates (MS/MSDs) were collected, submitted, and analyzed in accordance with the QAP.

Laboratory data were validated based on data quality objectives and parameters presented in the QAP. Included in this validation process was evaluation of the following criteria:

- Specified laboratory reporting limits (RLs)
- Field duplicate and primary sample relative percent differences (RPDs)
- Trip blanks
- Sample temperatures upon laboratory receipt
- Sample preservation
- Holding times
- Laboratory blanks
- Surrogate spike results
- MS/MSD results
- Laboratory control sample RPDs and recovery rates

Based on the results of the data validation process, samples may be qualified with the following flags:

- u – the reported analyte was not detected
- j – the reported result is an estimated value
- uj – the reported analyte was not detected and the RL is an estimated value
- r – the reported result is rejected and is unusable

Ground water sample analytical reports are in Appendix C, and additional information regarding the application of data validation qualifiers is presented in Appendix D.

2.2.4 Investigation Derived Waste

Waste fluids resulting from monitoring activities, including decontamination fluids and well purge water, were temporarily contained in portable plastic tanks in the sampling trucks. These fluids were transferred to a storage tank for on-site storage pending characterization. Solid waste items, including paper, plastic, cardboard, and used vinyl gloves were contained in plastic trash bags and disposed in a dumpster provided at the site.

3.0 RESULTS

3.1 Ground Water Elevation and Liquid Phase Hydrocarbon Measurements

Depth to ground water and LPH thickness was measured in the monitoring wells on March 28, 2005. No ground water monitoring wells contained detectable levels of LPH during this monitoring event. Note that an LPH thickness of 0.01 foot was measured in monitoring well MW-5.1 during the previous three monitoring events. Table 2 is a compilation of current and historical ground water level and LPH measurements. Ground water elevations are provided relative to msl.

On March 28, 2005, depth to ground water for the site ranged from 0.74 foot below ground surface (bgs) in MW-3.6, to 26.72 feet bgs in MW-10.3. Ground water elevations ranged from 19.13 feet msl in monitoring well MW-4.1 to 69.64 feet msl in monitoring well MW-3.3 (Table 2; Figure 4).

Figure 4 is the ground water elevation contour map for March 28, 2005. The inferred ground water flow direction for the site was generally toward the Pacific Ocean, with the ground water elevation contours broadly reflecting the site topography. The inferred horizontal hydraulic gradient ranged from approximately 0.015 to 0.06.

3.2 General Ground Water Quality

3.2.1 General Ground Water Quality Parameters

General ground water quality parameters include temperature, pH, specific conductance, DO, oxidation-reduction potential, ferrous iron, and turbidity. Measurements of these parameters and other relevant information for each monitoring well are recorded on the Sampling/Development Information forms (Appendix B).

3.2.2 Total Petroleum Hydrocarbons, Benzene, Toluene, Ethylbenzene, Xylenes, and Methyl Tertiary-Butyl Ether

Ground water analytical data for TPHg, TPHd, TPHo, BTEX, and MTBE are in Table 3.

3.2.2.1 Total Petroleum Hydrocarbons as Gasoline

TPHg was reported at less than the RL of 50 µg/L in all samples analyzed except for 56 and 58 µg/L, respectively, in the primary and duplicate samples from monitoring well MW-3.2, which is located northeast of the former Mobile Equipment Shop North in Parcel 3 (Figure 3).

3.2.2.2 Total Petroleum Hydrocarbons as Diesel

TPHd was reported at less than the RL of 40 or 50 µg/L (with silica gel cleanup) in all samples analyzed except for 310 µg/L in the sample collected from monitoring well MW-5.1, which is located on the northwest corner of the Mobile Equipment Shop in Parcel 5 (Figure 3).

3.2.2.3 Total Petroleum Hydrocarbons as Motor Oil

TPHo was reported at less than the RLs, which ranged from 240 to 300 µg/L, in all samples analyzed.

3.2.2.4 Benzene

Benzene was reported at less than the RL of 0.5 µg/L in all samples analyzed except for 1.0 µg/L in the ground water sample collected from only one monitoring well, MW-5.1, which is located on the northwest corner of the Mobile Equipment Shop in Parcel 5 (Figure 3).

3.2.2.5 Toluene

A total of 27 of the 32 ground water samples contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj" (see Section 3.3).

3.2.2.6 Ethylbenzene

Ethylbenzene was reported at less than the RL of 0.5 µg/L in all samples analyzed.

3.2.2.7 Xylenes

M,p and o-xylenes were reported at less than the RL of 0.5 µg/L in all samples analyzed except for 0.6 and 0.7 µg/L m,p-xylenes in the samples collected from monitoring wells MW-2.2 and MW-10.4, respectively.

3.2.2.8 Methyl Tertiary-Butyl Ether

MTBE was reported at less than the RL of 0.5 µg/L in all samples analyzed except for 0.5 and 1.8 µg/L in the samples from monitoring wells MW-5.6 and MW-5.7, respectively, located on the east side of the Former Sawmill #1 in Parcel 5 (Figure 3).

3.2.3 Volatile Organic Compounds

Laboratory analytical results for VOCs are in Table 4. Results include reported concentrations greater than the respective RLs in samples from monitoring wells MW-3.1, MW-3.2, and MW-3.3, which are in the Former Mobile Equipment Shop area in Parcel 3, and monitoring wells MW-5.1 and MW-5.3, which are near the Mobile Equipment Shop located south of Pond 5 in Parcel 5 (Figure 3). Reported concentrations of VOCs in the ground water samples obtained from the remaining monitoring wells were less than the respective RLs.

Reported concentrations of 1,1-dichloethane (1,1-DCA) greater than the RL ranged from 0.8 µg/L in the sample from monitoring well MW-3.3 up to 2.7 µg/L in the sample from monitoring well MW-3.1. A total of 4 out of the 32 ground water samples contained reported

concentrations of 1,1-DCA greater than the RL; these samples were collected from monitoring wells MW-3.1, MW-3.3, and MW-5.3 (primary and duplicate samples). Cis-1,2-dichloethene (cis-1,2-DCE) was reported at greater than the RL in samples obtained from monitoring wells MW-3.1, MW-3.2, MW-5.1, and MW-5.3, with concentrations up to 4.0 µg/L in the sample collected from monitoring well MW-5.1.

Freon 113 was reported in the sample obtained from monitoring well MW-3.3 at a concentration of 7.0 µg/L. Reported concentrations of Freon 113 in the ground water samples obtained from the remaining monitoring wells were less than the RL.

Naphthalene was reported at concentrations of 3.9 and 4.0 µg/L in the primary and duplicate samples collected from monitoring well MW-5.3. Reported naphthalene concentrations in the ground water samples obtained from the remaining monitoring wells were less than the RL.

Reported tetrachloroethene (PCE) concentrations greater than the RL ranged from 1.6 µg/L in the sample from monitoring well MW-3.3 to 2.1 µg/L in the primary and duplicate samples collected from monitoring well MW-3.2 and the sample from monitoring well MW-3.1. The reported PCE concentrations in the ground water samples obtained from the remaining monitoring wells were less than the RL.

1,1,1-trichloroethane was reported at less than the RL in all samples analyzed except for 5.4 µg/l in the sample from monitoring well MW-3.3.

Trichloroethene (TCE) was reported at greater than the RL in samples obtained from monitoring wells MW-3.1, MW-3.2, and MW-5.1, with concentrations ranging up to 2.9 µg/L in the sample obtained from monitoring well MW-5.1.

3.2.4 Semi-volatile Organic Compounds

Reported concentrations of SVOCs were less than the respective RLs (Table 5).

3.2.5 Polynuclear Aromatic Hydrocarbons

Reported concentrations of PAHs in March 2005 site ground water samples were less than the respective RLs, with the exception of naphthalene at concentrations of 4.2 and 4.7 µg/L in the primary and duplicate samples obtained from monitoring well MW-5.3 (Table 6). Monitoring well MW-5.3 is located near the Mobile Equipment Shop located south of Pond 5 in Parcel 5 (Figure 3).

3.2.6 Polychlorinated Biphenyls

Reported concentrations of PCBs were less than the respective RLs (Table 7).

3.2.7 Organochlorine Pesticides

Reported concentrations of organochlorine pesticides were less than the respective RLs (Table 8).

3.2.8 Dissolved Metals

Laboratory analytical results for dissolved metals are in Table 9. They include reported concentrations of arsenic, barium, and zinc greater than the respective RLs. Concentrations of the remaining dissolved metals were less than the respective RLs.

Concentrations of arsenic greater than the RL were reported in samples collected from monitoring wells MW-4.2, MW-5.3 through MW-5.7, and MW-10.4 in Parcels 4, 5, and 10, respectively. The maximum reported arsenic concentration was 19 µg/L in the sample obtained from monitoring well MW-5.7, which is located southeast of Former Sawmill #1 (Figure 3).

Concentrations of barium ranged from less than the RL to 3,400 µg/L in the sample from monitoring well MW-4.1 in Parcel 4. A total of 30 of the 32 ground water samples had reported concentrations of barium greater than the RL.

Concentrations of zinc were less than the RL, except for the sample from monitoring well MW-3.1 in Parcel 3 at a concentration of 350 µg/L.

3.2.9 Tannin and Lignin

Reported tannin and lignin concentrations ranged from less than the RL to 6,900 µg/L in the sample from monitoring well MW-5.5. A total of 21 out of the 32 ground water samples contained reported concentrations of tannin and lignin greater than the RL (Table 10).

3.3 Data Validation Results

Data validation was performed using procedures outlined in the QAP. Data qualifiers appended to the laboratory results have been added to the tables summarizing the ground water analytical data. Copies of data validation summary reports are included in Appendix D.

Analytical results of trip blank and equipment blank samples indicate that field QC measures were properly implemented. The results of the data validation process indicate that most QC criteria, including holding times, instrument checks, sample temperatures, calibration, blanks, duplicates, spikes, standards, and RLs were met by the laboratory.

In general, the overall assessment of the analytical results indicates that data are acceptable and usable, although occasional deviations from control limits required that some of the reported values be qualified. Most of these control limit deviations are the result of surrogate recoveries or holding times. The impact of these deviations is that some of the reported laboratory values have been qualified as estimated values (i.e., flagged “uj”).

As reported by the laboratory, a total of 27 of the 32 ground water samples contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L. Historically, reported toluene concentrations in ground water samples from the monitoring wells were generally below the RL. Reported toluene concentrations in trip blank samples collected in March 2005 were also below the RL. The relatively narrow range of reported concentrations, coupled with the lack of spatial correlation and the results of the trip blank samples and historical data suggests that the toluene was introduced to the samples through a pathway independent of the trip blank samples. (For example, introduction of toluene to the sample containers or sample tubing during transport or storage.) Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj."

In general, validation of the laboratory reports indicated that the majority of laboratory data meet the QAP-specified criteria for precision, accuracy, representativeness, comparability, and completeness. No systemic laboratory QC issues were identified, and no corrective actions were required.

4.0 SUMMARY AND CONCLUSIONS

No ground water monitoring wells contained detectable levels of LPH during this monitoring event. The inferred ground water flow direction for the site was generally toward the Pacific Ocean.

Reported concentrations of TPHg were less than the RL, except for reported concentrations of 56 and 58 µg/L, respectively, in the primary and duplicate ground water samples collected from monitoring well MW-3.2. Reported concentrations of TPHd were less than the RL, with the exception of a reported concentration of 310 µg/L in the sample collected from monitoring well MW-5.1. Reported concentrations of TPHo were less than the RL.

Benzene was reported in the ground water sample obtained from monitoring well MW-5.1 at a concentration of 1.0 µg. Reported benzene concentrations in the ground water samples obtained from the remaining monitoring wells were less than the RL. Reported concentrations of MTBE ranged from less than the RL to 1.8 µg/L in the sample from monitoring well MW-5.7.

Reported concentrations of VOCs were greater than the RLs in samples obtained from monitoring wells MW-3.1, MW-3.2, MW-3.3, MW-5.1, and MW-5.3. The VOCs with reported concentrations greater than the RL included 1,1-DCA, cis-1,2-DCE, Freon 113, naphthalene, PCE, 1,1,1-TCA, and TCE. Reported concentrations of VOCs were less than the respective RLs.

Reported concentrations of PAHs were less than the respective RLs, with the exception of naphthalene in one monitoring well, MW-5.3, where it was reported at concentrations of 4.2 and 4.7 µg/L in the primary and duplicate samples, respectively. Reported concentrations of SVOCs, PCBs, and organochlorine pesticides were less than the respective RLs.

Laboratory analytical results of ground water samples collected for dissolved metals included reported concentrations of arsenic, barium, and zinc greater than the respective RLs. Concentrations of the remaining dissolved metals were less than the respective RLs.

5.0 RECOMMENDATIONS

Quarterly monitoring will continue at the site. Analytical parameters for the second quarter 2005 monitoring event will include TPHg, TPHd and TPHo with silica gel cleanup, VOCs, SVOCs, PAHs, PCBs, and dissolved metals. The PCB analysis will include specific congeners. Analyses for TPHd, TPHo, SVOCs, PAHs, and PCB congeners will be reported to the method detection limit.

6.0 REMARKS

This ground water monitoring report represents our professional opinions, which are based in part on client-supplied and currently available information and are arrived at in accordance with accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended. This ground water monitoring report was prepared solely for the use of our client. Any reliance on the information contained in the ground water monitoring report by third parties shall be at such parties' sole risk.

7.0 REFERENCES

AME. 2005. *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.* Includes Appendix A, Sampling and Analysis Plan, Appendix B, Quality Assurance Plan. June 9.

TABLE 1

MONITORING WELL CONSTRUCTION DETAILS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

WELL	PARCEL	EAST (feet)	NORTH (feet)	CASING ELEVATION (feet)	TOP OF SCREEN (feet bgs)	BOTTOM OF SCREEN (feet bgs)	SCREEN LENGTH (feet)	TOP OF FILTER (feet bgs)	BOTTOM OF FILTER (feet bgs)
MW-2.1	2	6050175.99	2294112.70	60.79	5	19.75	14.75	4	20
MW-2.2	2	6050176.56	2293835.20	60.70	5	19.75	14.75	4	20
MW-2.3	2	6050284.88	2293863.53	62.67	5	19.75	14.75	4	20
MW-3.1	3	6050981.83	2293457.19	76.07	4.5	24.25	19.75	3.5	24.5
MW-3.2	3	6051068.66	2293461.33	76.18	8	23.25	15.25	7	25
MW-3.3	3	6051082.54	2293300.43	74.22	5	24.75	19.75	4	25
MW-3.4	3	6051191.86	2292715.89	60.84	4.1	9.75	5.65	4	11
MW-3.5	3	6051183.42	2292653.44	59.40	2.5	12.5	10	2	13
MW-3.6	3	6051126.72	2292593.43	57.61	2.5	12.5	10	2	13
MW-3.7	3	6050447.13	2293206.57	63.24	5	24.75	19.75	4	25
MW-3.8	3	6050449.99	2293534.60	63.44	5	24.75	19.75	4	25
MW-3.9	3	6050485.92	2293591.22	63.32	5	19.75	14.75	4	20
MW-4.1	4	6050111.01	2292087.14	22.91	2	27.25	25.25	1.5	30
MW-4.2	4	6050191.46	2292228.96	28.12	4	28.75	24.75	3	30
MW-4.3	4	6050297.47	2292132.93	25.19	3	29.75	26.75	2	30
MW-4.4	4	6050432.95	2292123.60	26.54	5	29.75	24.75	4	30
MW-5.1	5	6051249.88	2291773.24	58.32	5	24.75	19.75	4	25
MW-5.2	5	6051356.28	2291788.43	59.61	5	24.75	19.75	4	26
MW-5.3	5	6051200.92	2291538.19	56.71	5	29.75	24.75	4	30
MW-5.4	5	6051316.86	2291493.40	58.99	5	29.75	24.75	4	30
MW-5.5	5	6051198.46	2291367.85	57.56	5	29.75	24.75	4	30
MW-5.6	5	6050856.11	2292202.54	50.07	5	24.75	19.75	4	25

TABLE 1

MONITORING WELL CONSTRUCTION DETAILS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

WELL	PARCEL	EAST (feet)	NORTH (feet)	CASING ELEVATION (feet)	TOP OF SCREEN (feet bgs)	BOTTOM OF SCREEN (feet bgs)	SCREEN LENGTH (feet)	TOP OF FILTER (feet bgs)	BOTTOM OF FILTER (feet bgs)
MW-5.7	5	6050760.50	2292109.14	44.83	5	34.75	29.75	4	35
MW-5.8	5	6050664.80	2292295.12	45.62	2	19.75	17.75	1.5	20
MW-5.9	5	6050562.23	2292112.94	31.32	5	24.75	19.75	4	25
MW-7.1	7	6049756.55	2290878.73	54.03	5	14.75	9.75	4	15
MW-10.1	10	6049208.77	2288773.88	78.82	15	29.75	14.75	12	30
MW-10.2	10	6048962.69	2289267.80	70.69	4	12.75	8.75	3	14
MW-10.3	10	6048746.19	2288475.51	71.62	16	24.75	8.75	15	25
MW-10.4	10	6048641.98	2288994.46	73.42	18	29.75	11.75	17	30

East and North horizontal coordinates are in California Coordinate System, North American Datum 1983.
Casing elevation is in mean sea level. The casing elevation is the measuring point for ground water levels.
bgs = Below ground surface.

TABLE 2

GROUND WATER ELEVATION DATA

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

LOCATION	DATE	REFERENCE ELEVATION (feet)	DEPTH TO WATER (feet)	DEPTH TO LPH (feet)	LPH THICKNESS (feet)	GROUND WATER ELEVATION (feet)	NOTES
MW-2.1	1/29/2004	60.79	4.52			56.27	
	6/23/2004	60.79	5.26			55.53	
	9/22/2004	60.79	5.96			54.83	
	12/7/2004	60.79	5.56			55.23	
	3/28/2005	60.79	4.29			56.50	
MW-2.2	1/29/2004	60.70	2.90			57.80	
	6/23/2004	60.70	4.23			56.47	
	9/22/2004	60.70	5.35			55.35	
	12/7/2004	60.70	4.40			56.30	
	3/28/2005	60.70	2.46			58.24	
MW-2.3	1/29/2004	62.67	4.29			58.38	
	6/23/2004	62.67	5.44			57.23	
	9/22/2004	62.67	6.63			56.04	
	12/7/2004	62.67	5.87			56.80	
	3/28/2005	62.67	3.96			58.71	
MW-3.1	1/28/2004	76.07	6.50			69.57	
	6/24/2004	76.07	8.84			67.23	
	9/22/2004	76.07	10.26			65.81	
	12/7/2004	76.07	9.89			66.18	
	3/28/2005	76.07	6.61			69.46	
MW-3.2	1/28/2004	76.18	6.57			69.61	
	6/24/2004	76.18	8.92			67.26	
	9/22/2004	76.18	10.31			65.87	
	12/7/2004	76.18	9.96			66.22	
	3/28/2005	76.18	6.67			69.51	
MW-3.3	1/28/2004	74.22	4.70			69.52	
	6/24/2004	74.22	6.97			67.25	
	9/22/2004	74.22	8.28			65.94	
	12/7/2004	74.22	7.75			66.47	
	3/28/2005	74.22	4.58			69.64	
MW-3.4	1/28/2004	60.84	1.38			59.46	
	6/24/2004	60.84	2.10			58.74	
	9/22/2004	60.84	3.72			57.12	
	12/7/2004	60.84	3.76			57.08	
	3/28/2005	60.84	1.51			59.33	

TABLE 2

GROUND WATER ELEVATION DATA

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

LOCATION	DATE	REFERENCE ELEVATION (feet)	DEPTH TO WATER (feet)	DEPTH TO LPH (feet)	LPH THICKNESS (feet)	GROUND WATER ELEVATION (feet)	NOTES
MW-3.5	1/28/2004	59.40	1.63			57.77	
	6/24/2004	59.40	2.91			56.49	
	9/22/2004	59.40	3.93			55.47	
	12/7/2004	59.40	2.95			56.45	
	3/28/2005	59.40	1.51			57.89	
MW-3.6	1/28/2004	57.61	1.05			56.56	
	6/24/2004	57.61	2.15			55.46	
	9/22/2004	57.61	2.55			55.06	
	12/7/2004	57.61	2.22			55.39	
	3/28/2005	57.61	0.74			56.87	
MW-3.7	1/28/2004	63.24	6.52			56.72	
	6/24/2004	63.24	7.70			55.54	
	9/22/2004	63.24	9.63			53.61	
	12/7/2004	63.24	8.65			54.59	
	3/28/2005	63.24	5.75			57.49	
MW-3.8	1/28/2004	63.44	4.58			58.86	
	6/24/2004	63.44	5.61			57.83	
	9/22/2004	63.44	7.19			56.25	
	12/7/2004	63.44	6.40			57.04	
	3/28/2005	63.44	3.89			59.55	
MW-3.9	1/28/2004	63.32	4.09			59.23	
	6/24/2004	63.32	5.01			58.31	
	9/22/2004	63.32	6.61			56.71	
	12/7/2004	63.32	5.90			57.42	
	3/28/2005	63.32	3.87			59.45	
MW-4.1	1/28/2004	22.91	3.96			18.95	
	6/23/2004	22.91	6.15			16.76	
	9/22/2004	22.91	7.31			15.60	
	12/7/2004	22.91	4.95			17.96	
	3/28/2005	22.91	3.78			19.13	
MW-4.2	1/28/2004	28.12	6.25			21.87	
	6/23/2004	28.12	8.96			19.16	
	9/22/2004	28.12	11.58			16.54	
	12/7/2004	28.12	7.07			21.05	
	3/28/2005	28.12	5.50			22.62	

TABLE 2

GROUND WATER ELEVATION DATA

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

LOCATION	DATE	REFERENCE ELEVATION (feet)	DEPTH TO WATER (feet)	DEPTH TO LPH (feet)	LPH THICKNESS (feet)	GROUND WATER ELEVATION (feet)	NOTES
MW-4.3	1/28/2004	25.19	3.10			22.09	
	6/24/2004	25.19	5.67			19.52	
	3/28/2005	25.19	2.69			22.50	
MW-4.4	1/28/2004	26.54	2.89			23.65	
	6/24/2004	26.54	4.56			21.98	
	9/22/2004	26.54	6.31			20.23	
	12/7/2004	26.54	3.58			22.96	
	3/28/2005	26.54	2.25			24.29	
Pond 8 Outfall N	3/30/2005	40.01	-0.05			40.06	
Pond 8 Outfall S	3/30/2005	39.91	-0.25			40.16	
MW-5.1	1/29/2004	58.32	9.95			48.37	
	6/24/2004	58.32	11.14	11.13	0.01	47.19	Used LPH density 0.81
	9/22/2004	58.32	12.08	12.07	0.01	46.25	Used LPH density 0.81
	12/7/2004	58.32	10.87	10.86	0.01	47.46	Used LPH density 0.81
	3/28/2005	58.32	9.71			48.61	
MW-5.2	1/29/2004	59.61	1.26			58.35	
	6/24/2004	59.61	2.30			57.31	
	9/22/2004	59.61	2.80			56.81	
	12/7/2004	59.61	2.50			57.11	
	3/28/2005	59.61	0.85			58.76	
MW-5.3	1/29/2004	56.71	8.77			47.94	
	6/25/2004	56.71	10.09			46.62	
	9/22/2004	56.71	11.28			45.43	
	12/7/2004	56.71	10.21			46.50	
	3/28/2005	56.71	6.65			50.06	
MW-5.4	1/29/2004	58.99	3.97			55.02	
	6/24/2004	58.99	4.40			54.59	
	9/22/2004	58.99	5.35			53.64	
	12/7/2004	58.99	4.64			54.35	
	3/28/2005	58.99	3.31			55.68	
MW-5.5	1/29/2004	57.56	8.33			49.23	
	6/25/2004	57.56	9.80			47.76	
	9/22/2004	57.56	10.95			46.61	
	12/7/2004	57.56	10.49			47.07	
	3/28/2005	57.56	8.04			49.52	

TABLE 2

GROUND WATER ELEVATION DATA

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

LOCATION	DATE	REFERENCE ELEVATION (feet)	DEPTH TO WATER (feet)	DEPTH TO LPH (feet)	LPH THICKNESS (feet)	GROUND WATER ELEVATION (feet)	NOTES
MW-5.6	1/29/2004	50.07	11.20			38.87	
	6/24/2004	50.07	12.31			37.76	
	9/22/2004	50.07	13.72			36.35	
	12/7/2004	50.07	11.59			38.48	
	3/28/2005	50.07	10.69			39.38	
MW-5.7	1/29/2004	44.83	4.89			39.94	
	6/24/2004	44.83	5.71			39.12	
	9/22/2004	44.83	6.10			38.73	
	12/7/2004	44.83	5.10			39.73	
	3/28/2005	44.83	4.33			40.50	
MW-5.8	1/29/2004	45.62	5.18			40.44	
	6/24/2004	45.62	8.94			36.68	
	9/22/2004	45.62	9.96			35.66	
	12/7/2004	45.62	4.68			40.94	
	3/28/2005	45.62	4.23			41.39	
MW-5.9	1/29/2004	31.32	4.34			26.98	
	6/24/2004	31.32	8.62			22.70	
	9/22/2004	31.32	13.27			18.05	
	12/7/2004	31.32	5.45			25.87	
	3/28/2005	31.32	3.18			28.14	
MW-7.1	1/28/2004	54.03	6.26			47.77	
	6/23/2004	54.03	6.44			47.59	
	9/22/2004	54.03	6.66			47.37	
	12/7/2004	54.03	6.47			47.56	
	3/28/2005	54.03	5.92			48.11	
MW-10.1	1/27/2004	78.82	16.98			61.83	
	6/23/2004	78.82	19.08			59.74	
	8/17/2004	78.82	19.65			59.16	
	9/22/2004	78.82	20.04			58.78	
	12/7/2004	78.82	20.00			58.82	
	3/28/2005	78.82	17.44			61.38	

TABLE 2

GROUND WATER ELEVATION DATA

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

LOCATION	DATE	REFERENCE ELEVATION (feet)	DEPTH TO WATER (feet)	DEPTH TO LPH (feet)	LPH THICKNESS (feet)	GROUND WATER ELEVATION (feet)	NOTES
MW-10.2	1/27/2004	70.69	7.91			62.78	
	6/23/2004	70.69	9.70			60.99	
	8/17/2004	70.69	10.30			60.39	
	9/22/2004	70.69	10.76			59.93	
	12/7/2004	70.69	10.55			60.14	
	3/28/2005	70.69	7.07			63.62	
MW-10.3	1/27/2004	71.62	25.99			45.63	
	6/23/2004	71.62	-999.00				Dry
	8/17/2004	71.62	-999.00				Dry
	9/22/2004	71.62	-999.00				Dry
	12/7/2004	71.62	-999.00				Dry
	3/28/2005	71.62	26.72			44.90	
MW-10.4	1/27/2004	73.42	25.05			48.37	
	6/23/2004	73.42	26.44			46.98	
	8/17/2004	73.42	26.95			46.46	
	9/22/2004	73.42	27.42			46.00	
	12/7/2004	73.42	27.42			46.00	
	3/28/2005	73.42	25.22			48.20	

Reference elevation (i.e. the casing elevation) is in mean sea level.
Ground water elevation is corrected for the observed LPH thickness using the LPH density stated in the Notes column.

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-2.1	1/29/2004	Primary	<50	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2005	Primary	<50	NA	<50	NA	<300	<0.5	2.7 uj	<0.5	<0.5	<0.5	<0.5
MW-2.2	1/29/2004	Primary	<50	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2005	Primary	<50	NA	<50	NA	<300	<0.5	1.5 uj	<0.5	0.6	<0.5	<0.5
MW-2.3	1/29/2004	Primary	110	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	60	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2005	Primary	<50	NA	<50	NA	<300	<0.5	1.3 uj	<0.5	<0.5	<0.5	<0.5
MW-3.1	1/28/2004	Primary	<50	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	<50	NA	90	NA	<300	NA	NA	NA	NA	NA	NA
	9/22/2004	Primary	<50	73	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	40
	12/8/2004	Primary	<50	55	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	7.9
	3/28/2005	Primary	<50	NA	<50	NA	<300	<0.5	1.4 uj	<0.5	<0.5	<0.5	<0.5

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-3.2	1/28/2004	Primary	180	NA	400	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	120	NA	240	NA	<300	NA	NA	NA	NA	NA	NA
	9/22/2004	Primary	83	450	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	1
	12/8/2004	Primary	<50	560	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.7
	3/28/2005	Primary	56	NA	<50	NA	<300	<0.5	1 uj	<0.5	<0.5	<0.5	<0.5
	3/28/2005	Duplicate	58	NA	<50	NA	<300	<0.5	0.9 uj	<0.5	<0.5	<0.5	<0.5
MW-3.3	1/28/2004	Primary	<50	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	<50	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	74	NA	760	NA	<0.5	<0.5	<0.5	<0.5	0.8	<0.5
	3/28/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.9 uj	<0.5	<0.5	<0.5	<0.5
MW-3.4	1/28/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.8 uj	<0.5	<0.5	<0.5	<0.5
MW-3.5	1/28/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.5 uj	<0.5	<0.5	<0.5	<0.5

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-3.6	1/28/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.7 uj	<0.5	<0.5	<0.5	<0.5
MW-3.7	1/28/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	1.1
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3.8	1/28/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<40	NA	<240	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-3.9	1/28/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	150	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<40	NA	<240	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-4.1	1/28/2004	Primary	NA	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	Primary	NA	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-4.2	1/28/2004	Primary	NA	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/23/2004	Primary	NA	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-4.3	1/28/2004	Primary	NA	NA	76	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2004	Primary	NA	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.7 uj	<0.5	<0.5	<0.5	<0.5
MW-4.4	1/28/2004	Primary	NA	NA	<50	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2004	Primary	NA	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	320	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<40	NA	<240	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-5.1	1/29/2004	Primary	<50	NA	82	NA	<300	0.9	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	310	NA	<300	1	0.5 uj	<0.5	<0.5	<0.5	<0.5

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-5.2	1/29/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	6/24/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-5.3	1/29/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	1.3
	6/25/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.9
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.9 uj	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Duplicate	<50	NA	<50	NA	<300	<0.5	0.9 uj	<0.5	<0.5	<0.5	<0.5
MW-5.4	1/29/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	1.6
	6/24/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	0.7
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	1
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	1.6
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.7 uj	<0.5	<0.5	<0.5	<0.5
MW-5.5	1/29/2004	Primary	<50	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/25/2004	Primary	<50	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/22/2004	Primary	<50	610	NA	2100	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/9/2004	Primary	<50	370	NA	1700	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/29/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.8 uj	<0.5	<0.5	<0.5	<0.5

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-5.6	1/29/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.5
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.7
	3/30/2005	Primary	<50	NA	<40	NA	<240	<0.5	0.8 uj	<0.5	<0.5	<0.5	0.5
MW-5.7	1/29/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	2.2
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	0.9
	3/30/2005	Primary	<50	NA	<40	NA	<240	<0.5	<0.5	<0.5	<0.5	<0.5	1.8
MW-5.8	1/30/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/9/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<40	NA	<240	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5.9	1/28/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	6/24/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/23/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.8 uj	<0.5	<0.5	<0.5	<0.5

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-7.1	1/28/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/31/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.5 uj	<0.5	<0.5	<0.5	<0.5
MW-10.1	1/27/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	8/17/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/7/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/31/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-10.2	1/27/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	8/17/2004	Primary	<50	NA	<50	NA	<300	3.3	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/30/2005	Primary	<50	NA	<50	NA	<300	<0.5	0.5 uj	<0.5	<0.5	<0.5	<0.5
	3/31/2005	Duplicate	<50	NA	<50	NA	<300	<0.5	0.6 uj	<0.5	<0.5	<0.5	<0.5
MW-10.3	1/27/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 3

GROUND WATER ANALYTICAL DATA
TOTAL PETROLEUM HYDROCARBONS, BENZENE, TOLUENE, ETHYLBENZENE, XYLENES, AND METHYL TERTIARY BUTYL ETHER
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TPH GASOLINE	TPH DIESEL	TPH DIESEL (SGCU)	TPH MOTOR OIL	TPH MOTOR OIL (SGCU)	BENZENE	TOLUENE	ETHYL BENZENE	M,P-XYLENES	O-XYLENE	MTBE
MW-10.4	1/27/2004	Primary	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
	6/23/2004	Primary	NA	NA	<50	NA	<300	NA	NA	NA	NA	NA	NA
	8/17/2004	Primary	<50	NA	<50	NA	<300	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	9/22/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	12/8/2004	Primary	<50	<50	NA	<300	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2005	Primary	<50	NA	<50	NA	<300	<0.5	1.8 uj	<0.5	0.7	<0.5	<0.5

Analyte abbreviations:
TPH = Total petroleum hydrocarbons.
(SGCU) = Sample preparation by silica gel cleanup.
MTBE = Methyl tertiary butyl ether.
< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
NA = Not analyzed.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Analysis Methods:
TPH Gasoline analyzed by EPA Method 8015B.
TPH Diesel and TPH Motor Oil analyzed by EPA Method 8015B with silica gel cleanup by EPA Method 3630 where noted.
Benzene, toluene, ethylbenzene, xylenes, and MTBE analyzed by EPA Method 8260B.

TABLE 4

GROUND WATER ANALYTICAL DATA, OTHER VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	1,1-DCA	cis-1,2-DCE	FREON 113	NAPH-THALENE	PCE	1,1,1-TCA	TCE	OTHER VOLATILE ORGANIC COMPOUNDS	RESULT
MW-2.1	6/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.1	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.1	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.1	3/28/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-2.2	6/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.2	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	1,2,4-Trimethylbenzene	0.8
MW-2.2	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.2	3/28/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-2.3	6/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	sec-Butylbenzene	0.8
MW-2.3	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.3	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-2.3	3/28/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-3.1	9/22/2004	Primary	0.7	0.5	<5.0	<0.5	0.6	<0.5	<0.5		
MW-3.1	12/8/2004	Primary	1.7	0.7	<5.0	<0.5	1.5	<0.5	<0.5		
MW-3.1	3/28/2005	Primary	2.7	1.3	<5	<2	2.1	<0.5	0.8		
MW-3.2	9/22/2004	Primary	0.9	2.4	<5.0	<0.5	2.2	<0.5	0.8	sec-Butylbenzene	0.8
MW-3.2	12/8/2004	Primary	2.3	5.5	<5.0	<0.5	1.5	<0.5	0.5		
MW-3.2	3/28/2005	Primary	<0.5	3.3	<5	<2	2.1	<0.5	0.6		
MW-3.2	3/28/2005	Duplicate	<0.5	3.4	<5	<2	2.1	<0.5	0.5		

TABLE 4

GROUND WATER ANALYTICAL DATA, OTHER VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	1,1-DCA	cis-1,2-DCE	FREON 113	NAPH-THALENE	PCE	1,1,1-TCA	TCE	OTHER VOLATILE ORGANIC COMPOUNDS	RESULT
MW-3.3	9/22/2004	Primary	1.9	0.7	5.1	<0.5	1.8	5.2	<0.5		
MW-3.3	12/8/2004	Primary	0.7	<0.5	<5.0	<0.5	0.9	1.3	<0.5	1,2,4-Trimethylbenzene	2.3
										Isopropylbenzene	1.6
										Propylbenzene	1.2
MW-3.3	3/28/2005	Primary	0.8	<0.5	7	<2	1.6	5.4	<0.5		
MW-3.4	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5	Carbon Disulfide	0.9
MW-3.4	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.4	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-3.5	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.5	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.5	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-3.6	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.6	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.6	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-3.7	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	0.6	<0.5	<0.5		
MW-3.7	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.7	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-3.8	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.8	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.8	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-3.9	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.9	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-3.9	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		

TABLE 4

GROUND WATER ANALYTICAL DATA, OTHER VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	1,1-DCA	cis-1,2-DCE	FREON 113	NAPH-THALENE	PCE	1,1,1-TCA	TCE	OTHER VOLATILE ORGANIC COMPOUNDS	RESULT
MW-4.1	1/28/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.1	6/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.1	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.1	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.1	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-4.2	1/28/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.2	6/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.2	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.2	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.2	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-4.3	1/28/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.3	6/24/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.3	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-4.4	1/28/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.4	6/24/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.4	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.4	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-4.4	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-5.1	1/29/2004	Primary	<0.5	4.1	<5.0	1.6	<0.5	<0.5	2.6	Propylbenzene	0.6
MW-5.1	3/29/2005	Primary	<0.5	4	<5	<2	<0.5	<0.5	2.9		

TABLE 4

GROUND WATER ANALYTICAL DATA, OTHER VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	1,1-DCA	cis-1,2-DCE	FREON 113	NAPH-THALENE	PCE	1,1,1-TCA	TCE	OTHER VOLATILE ORGANIC COMPOUNDS	RESULT
MW-5.2	1/29/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.2	6/24/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.2	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.2	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.2	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-5.3	1/29/2004	Primary	0.8	0.6	<5.0	0.8	<0.5	<0.5	<0.5		
MW-5.3	6/25/2004	Primary	0.7	0.7	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.3	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.3	12/9/2004	Primary	0.6	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.3	3/29/2005	Primary	1	1	<5	3.9	<0.5	<0.5	<0.5		
MW-5.3	3/29/2005	Duplicate	1	0.9	<5	4	<0.5	<0.5	<0.5		
MW-5.4	1/29/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.4	6/24/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.4	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.4	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.4	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-5.5	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.5	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.5	3/29/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-5.6	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.6	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.6	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		

TABLE 4

GROUND WATER ANALYTICAL DATA, OTHER VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	1,1-DCA	cis-1,2-DCE	FREON 113	NAPH-THALENE	PCE	1,1,1-TCA	TCE	OTHER VOLATILE ORGANIC COMPOUNDS	RESULT
MW-5.7	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.7	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.7	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-5.8	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.8	12/9/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.8	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-5.9	9/23/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.9	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-5.9	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-7.1	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-7.1	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-7.1	3/31/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-10.1	8/17/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.1	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.1	12/7/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.1	3/31/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-10.2	8/17/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.2	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.2	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.2	3/30/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		
MW-10.2	3/31/2005	Duplicate	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		

TABLE 4

GROUND WATER ANALYTICAL DATA, OTHER VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	1,1-DCA	cis-1,2-DCE	FREON 113	NAPH-THALENE	PCE	1,1,1-TCA	TCE	OTHER VOLATILE ORGANIC COMPOUNDS	RESULT
MW-10.4	8/17/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.4	9/22/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.4	12/8/2004	Primary	<0.5	<0.5	<5.0	<0.5	<0.5	<0.5	<0.5		
MW-10.4	3/28/2005	Primary	<0.5	<0.5	<5	<2	<0.5	<0.5	<0.5		

Volatile organic compound abbreviations:
1,1-DCA = 1,1-dichloroethane
cis-1,2-DCE = cis-1,2-dichloroethene
PCE = tetrachloroethene (perchloroethylene)
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene
< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Samples analyzed by EPA Method 8260B.

TABLE 5

GROUND WATER ANALYTICAL DATA, SEMI-VOLATILE ORGANIC COMPOUNDS
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	2-Methyl-naphthalene	Naph-thalene	Penta-chlorophenol	Phenol	2,4,5-Tri-chlorophenol	2,4,6-Tri-chlorophenol	OTHER SEMI-VOLATILE ORGANIC COMPOUNDS	RESULT
MW-2.1	9/22/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-2.1	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-2.1	3/28/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-2.2	9/22/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-2.2	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-2.2	3/28/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-2.3	9/22/2004	Primary	<9.7	<9.7	<19	<9.7	<9.7	<9.7		
MW-2.3	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-2.3	3/28/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.1	9/22/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.1	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.1	3/28/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.2	9/22/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.2	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.2	3/28/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-3.2	3/28/2005	Duplicate	<10	<10	<20	<10	<10	<10		
MW-3.3	9/22/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.3	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.3	3/28/2005	Primary	<9.7	<9.7	<19	<9.7	<9.7	<9.7		
MW-3.4	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.4	12/9/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.4	3/29/2005	Primary	<9.7	<9.7	<19	<9.7	<9.7	<9.7		

TABLE 5

GROUND WATER ANALYTICAL DATA, SEMI-VOLATILE ORGANIC COMPOUNDS
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	2-Methyl-naphthalene	Naph-thalene	Penta-chlorophenol	Phenol	2,4,5-Tri-chlorophenol	2,4,6-Tri-chlorophenol	OTHER SEMI-VOLATILE ORGANIC COMPOUNDS	RESULT
MW-3.5	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.5	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.5	3/29/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.6	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.6	12/9/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.6	3/29/2005	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-3.7	9/23/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-3.7	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.7	3/29/2005	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-3.8	9/23/2004	Primary	<9.7	<9.7	<19	<9.7	<9.7	<9.7		
MW-3.8	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.8	3/29/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-3.9	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-3.9	12/8/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-3.9	3/29/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-4.1	9/23/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-4.1	12/8/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-4.1	3/30/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-4.2	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-4.2	12/8/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-4.3	3/30/2005	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		

TABLE 5

GROUND WATER ANALYTICAL DATA, SEMI-VOLATILE ORGANIC COMPOUNDS
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	2-Methyl-naphthalene	Naph-thalene	Penta-chlorophenol	Phenol	2,4,5-Tri-chlorophenol	2,4,6-Tri-chlorophenol	OTHER SEMI-VOLATILE ORGANIC COMPOUNDS	RESULT
MW-4.4	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-4.4	12/8/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-4.4	3/30/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-5.1	1/29/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.1	3/29/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.2	1/29/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.2	6/24/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.2	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.2	12/9/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.2	3/29/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-5.3	1/29/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.3	6/25/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.3	9/23/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.3	12/9/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.3	3/29/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.3	3/29/2005	Duplicate	<10	<10	<20	<10	<10	<10		
MW-5.4	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.4	12/9/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.4	3/29/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.5	9/22/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.5	12/9/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-5.5	3/29/2005	Primary	<10	<10	<20	<10	<10	<10		

TABLE 5

GROUND WATER ANALYTICAL DATA, SEMI-VOLATILE ORGANIC COMPOUNDS
Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	2-Methyl-naphthalene	Naph-thalene	Penta-chlorophenol	Phenol	2,4,5-Tri-chlorophenol	2,4,6-Tri-chlorophenol	OTHER SEMI-VOLATILE ORGANIC COMPOUNDS	RESULT
MW-5.6	9/23/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.6	12/9/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.6	3/30/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-5.7	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.7	12/9/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.7	3/30/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-5.8	9/23/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-5.8	12/9/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.8	3/30/2005	Primary	<10	<10	<20	<10	<10	<10		
MW-5.9	9/23/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-5.9	12/8/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-5.9	3/30/2005	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-7.1	9/22/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-7.1	12/8/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-7.1	3/31/2005	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-10.1	8/17/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-10.1	9/22/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-10.1	12/7/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-10.1	3/31/2005	Primary	<10	<10	<20	<10	<10	<10		

TABLE 5

GROUND WATER ANALYTICAL DATA, SEMI-VOLATILE ORGANIC COMPOUNDS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Results provided where reported concentrations are above the respective method detection limit. Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	2-Methyl-naphthalene	Naph-thalene	Penta-chlorophenol	Phenol	2,4,5-Tri-chlorophenol	2,4,6-Tri-chlorophenol	OTHER SEMI-VOLATILE ORGANIC COMPOUNDS	RESULT
MW-10.2	8/17/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-10.2	9/22/2004	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-10.2	12/8/2004	Primary	<9.7	<9.7	<19	<9.7	<9.7	<9.7		
MW-10.2	3/30/2005	Primary	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-10.2	3/31/2005	Duplicate	<9.5	<9.5	<19	<9.5	<9.5	<9.5		
MW-10.4	8/17/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-10.4	9/22/2004	Primary	<9.4	<9.4	<19	<9.4	<9.4	<9.4		
MW-10.4	12/8/2004	Primary	<9.6	<9.6	<19	<9.6	<9.6	<9.6		
MW-10.4	3/28/2005	Primary	<10	<10 uj	<20	<10	<10 uj	<10 uj		

< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Samples analyzed by EPA Method 8270C.

TABLE 6

GROUND WATER ANALYTICAL DATA, POLYNUCLEAR AROMATIC HYDROCARBONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Ace-naphth-ene	Ace-naphthyl-ene	Anthra-cene	Benzo-(a) anthra-cene	Benzo-(a) pyrene	Benzo-(b) fluor-anthene	Benzo-(g,h,i) perylene	Benzo(k) fluor-anthene	Chrys-ene	Dibenz-(a,h) anthra-cene	Fluor-ene	Indeno-(1,2,3-cd) pyrene	Naph-thalene	Phen-anthrene	Pyrene
MW-2.1	9/22/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
MW-2.2	9/22/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-2.3	9/22/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
MW-3.1	9/22/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
MW-3.2	9/22/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	3	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<1	<0.1	<0.1
	3/28/2005	Duplicate	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<1	<0.1	<0.1
MW-3.3	9/22/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
MW-3.4	9/23/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1

TABLE 6

GROUND WATER ANALYTICAL DATA, POLYNUCLEAR AROMATIC HYDROCARBONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Ace-naphth-ene	Ace-naphthyl-ene	Anthra-cene	Benzo-(a) anthra-cene	Benzo-(a) pyrene	Benzo-(b) fluor-anthene	Benzo-(g,h,i) perylene	Benzo(k) fluor-anthene	Chrys-ene	Dibenz-(a,h) anthra-cene	Fluor-ene	Indeno-(1,2,3-cd) pyrene	Naph-thalene	Phen-anthrene	Pyrene
MW-3.5	9/23/2004	Primary	<0.98	<2.0	<0.1	<0.1	<0.1	<0.20	<0.20	<0.1	<0.1	<0.20	<0.20	<0.1	<0.98	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-3.6	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-3.7	9/23/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-3.8	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
MW-3.9	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
MW-4.1	9/23/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
MW-4.2	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-4.3	3/30/2005	Primary	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<1	<0.1	<0.1

TABLE 6

GROUND WATER ANALYTICAL DATA, POLYNUCLEAR AROMATIC HYDROCARBONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Ace-naphth-ene	Ace-naphthyl-ene	Anthra-cene	Benzo-(a) anthra-cene	Benzo-(a) pyrene	Benzo-(b) fluor-anthene	Benzo-(g,h,i) perylene	Benzo(k) fluor-anthene	Chrys-ene	Dibenz-(a,h) anthra-cene	Fluor-ene	Indeno-(1,2,3-cd) pyrene	Naph-thalene	Phen-anthrene	Pyrene
MW-4.4	9/23/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-5.1	3/29/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-5.2	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<1	<0.1	<0.1
MW-5.3	9/23/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	4.2	<0.1	<0.1
	3/29/2005	Duplicate	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	4.7	<0.1	<0.1
MW-5.4	9/23/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
MW-5.5	9/22/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/29/2005	Primary	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<1	<0.1	<0.1
MW-5.6	9/23/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-5.7	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	0.26	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1

TABLE 6

GROUND WATER ANALYTICAL DATA, POLYNUCLEAR AROMATIC HYDROCARBONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Ace-naphth-ene	Ace-naphthyl-ene	Anthra-cene	Benzo-(a) anthra-cene	Benzo-(a) pyrene	Benzo-(b) fluor-anthene	Benzo-(g,h,i) perylene	Benzo(k) fluor-anthene	Chrys-ene	Dibenz-(a,h) anthra-cene	Fluor-ene	Indeno-(1,2,3-cd) pyrene	Naph-thalene	Phen-anthrene	Pyrene
MW-5.8	9/23/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/9/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-5.9	9/23/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
MW-7.1	9/22/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/31/2005	Primary	<0.95 uj	<1.9 uj	<0.1 uj	<0.1 uj	<0.1 uj	<0.19 uj	<0.19 uj	<0.1 uj	<0.1 uj	<0.19 uj	<0.19 uj	<0.1 uj	<0.95 uj	<0.1 uj	<0.1 uj
MW-10.1	8/17/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	9/22/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	12/7/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/31/2005	Primary	<0.96 uj	<1.9 uj	<0.1 uj	<0.1 uj	<0.1 uj	<0.19 uj	<0.19 uj	<0.1 uj	<0.1 uj	<0.19 uj	<0.19 uj	<0.1 uj	<0.96 uj	<0.1 uj	<0.1 uj
MW-10.2	8/17/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	9/22/2004	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/30/2005	Primary	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
	3/31/2005	Duplicate	<0.95	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.95	<0.1	<0.1
MW-10.4	8/17/2004	Primary	<0.94	<1.9	<0.09	<0.09	<0.09	<0.19	<0.19	<0.09	<0.09	<0.19	<0.19	<0.09	<0.94	<0.09	<0.09
	9/22/2004	Primary	<0.96	<1.9	<0.1	<0.1	<0.1	<0.19	<0.19	<0.1	<0.1	<0.19	<0.19	<0.1	<0.96	<0.1	<0.1
	12/8/2004	Primary	<1.0	<1.0	<1.0	<1.0	<0.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/28/2005	Primary	<1	<2	<0.1	<0.1	<0.1	<0.2	<0.2	<0.1	<0.1	<0.2	<0.2	<0.1	<1	<0.1	<0.1

TABLE 6

GROUND WATER ANALYTICAL DATA, POLYNUCLEAR AROMATIC HYDROCARBONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Ace-naphth-ene	Ace-naphthyl-ene	Anthra-cene	Benzo-(a) anthra-cene	Benzo-(a) pyrene	Benzo-(b) fluor-anthene	Benzo-(g,h,i) perylene	Benzo(k) fluor-anthene	Chrys-ene	Dibenz-(a,h) anthra-cene	Fluor-ene	Indeno-(1,2,3-cd) pyrene	Naph-thalene	Phen-anthrene	Pyrene

< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Samples analyzed by EPA Method 8310.

TABLE 7

GROUND WATER ANALYTICAL DATA, POLYCHLORINATED BIPHENYLS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	AROCHLOR-1016	AROCHLOR-1221	AROCHLOR-1232	AROCHLOR-1242	AROCHLOR-1248	AROCHLOR-1254	AROCHLOR-1260
MW-2.1	9/22/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/28/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-2.2	9/22/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/28/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-2.3	9/22/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/28/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-3.1	9/22/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/28/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-3.2	9/22/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/28/2005	Primary	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/2005	Duplicate	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3.3	9/22/2004	Primary	<0.49	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/28/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-3.4	9/23/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/29/2005	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48

TABLE 7

GROUND WATER ANALYTICAL DATA, POLYCHLORINATED BIPHENYLS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	AROCHLOR-1016	AROCHLOR-1221	AROCHLOR-1232	AROCHLOR-1242	AROCHLOR-1248	AROCHLOR-1254	AROCHLOR-1260
MW-3.5	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/29/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-3.6	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/29/2005	Primary	<0.5	<0.99	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3.7	9/23/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/29/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-3.8	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/29/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-3.9	9/23/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/29/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-4.1	9/23/2004	Primary	<0.49	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49
	12/8/2004	Primary	<0.49	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49
	3/30/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-4.2	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-4.3	3/30/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-4.4	9/23/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/30/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48

TABLE 7

GROUND WATER ANALYTICAL DATA, POLYCHLORINATED BIPHENYLS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	AROCHLOR-1016	AROCHLOR-1221	AROCHLOR-1232	AROCHLOR-1242	AROCHLOR-1248	AROCHLOR-1254	AROCHLOR-1260
MW-5.1	3/29/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-5.2	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/29/2005	Primary	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5.3	9/23/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/29/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/29/2005	Duplicate	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5.4	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/29/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-5.5	9/22/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.49	<0.98	<0.49	<0.49	<0.49	<0.49	<0.49
	3/29/2005	Primary	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
MW-5.6	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/30/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-5.7	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/30/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-5.8	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/9/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/30/2005	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48

TABLE 7

GROUND WATER ANALYTICAL DATA, POLYCHLORINATED BIPHENYLS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	AROCHLOR-1016	AROCHLOR-1221	AROCHLOR-1232	AROCHLOR-1242	AROCHLOR-1248	AROCHLOR-1254	AROCHLOR-1260
MW-5.9	9/23/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	12/8/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/30/2005	Primary	<0.49	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49
MW-7.1	9/22/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	12/8/2004	Primary	<0.48	<0.96	<0.48	<0.48	<0.48	<0.48	<0.48
	3/31/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
MW-10.1	8/17/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	9/22/2004	Primary	<0.49	<0.97	<0.49	<0.49	<0.49	<0.49	<0.49
	12/7/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/31/2005	Primary	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5
MW-10.2	8/17/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	9/22/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	12/8/2004	Primary	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
	3/30/2005	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	3/31/2005	Duplicate	<0.48	<0.95	<0.48	<0.48	<0.48	<0.48	<0.48
MW-10.4	8/17/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	9/22/2004	Primary	<0.47	<0.94	<0.47	<0.47	<0.47	<0.47	<0.47
	12/8/2004	Primary	<0.49	<0.98	<0.49	<0.49	<0.49	<0.49	<0.49
	3/28/2005	Primary	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5

TABLE 7

GROUND WATER ANALYTICAL DATA, POLYCHLORINATED BIPHENYLS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	AROCHLOR-1016	AROCHLOR-1221	AROCHLOR-1232	AROCHLOR-1242	AROCHLOR-1248	AROCHLOR-1254	AROCHLOR-1260

< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Samples analyzed by EPA Method 8082.

TABLE 8

GROUND WATER ANALYTICAL DATA, ORGANOCHLORIDE PESTICIDES

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	ALDRIN	4,4'-DDD	4,4'-DDE	4,4'-DDT	ENDOSULFAN I	ENDOSULFAN II	OTHER ORGANIOCHLORIDE PESTICIDE	RESULT
MW-2.1	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-2.1	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-2.1	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-2.2	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-2.2	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-2.2	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-2.3	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-2.3	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-2.3	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.1	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.1	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.1	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.2	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.2	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.2	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.2	3/28/2005	Duplicate	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.3	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.3	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.3	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.4	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.4	12/9/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.4	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		

TABLE 8

GROUND WATER ANALYTICAL DATA, ORGANOCHLORIDE PESTICIDES

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	ALDRIN	4,4'-DDD	4,4'-DDE	4,4'-DDT	ENDOSULFAN I	ENDOSULFAN II	OTHER ORGANIOCHLORIDE PESTICIDE	RESULT
MW-3.5	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.5	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.5	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.6	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.6	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.6	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.7	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.7	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.7	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.8	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.8	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.9	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-3.9	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-3.9	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.1	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.1	12/8/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.1	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.2	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.2	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-4.2	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.3	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		

TABLE 8

GROUND WATER ANALYTICAL DATA, ORGANOCHLORIDE PESTICIDES

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	ALDRIN	4,4'-DDD	4,4'-DDE	4,4'-DDT	ENDOSULFAN I	ENDOSULFAN II	OTHER ORGANIOCHLORIDE PESTICIDE	RESULT
MW-4.4	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-4.4	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-4.4	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.1	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.2	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.2	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.2	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.3	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.3	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.3	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.3	3/29/2005	Duplicate	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.4	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.4	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.4	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.5	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.5	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.5	3/29/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.6	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.6	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.6	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		

TABLE 8

GROUND WATER ANALYTICAL DATA, ORGANOCHLORIDE PESTICIDES

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	ALDRIN	4,4'-DDD	4,4'-DDE	4,4'-DDT	ENDOSULFAN I	ENDOSULFAN II	OTHER ORGANIOCHLORIDE PESTICIDE	RESULT
MW-5.7	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.7	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.7	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.8	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.8	12/9/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.8	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.9	9/23/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.9	12/8/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-5.9	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-7.1	9/22/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-7.1	12/8/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-7.1	3/31/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-10.1	8/17/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-10.1	9/22/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-10.1	12/7/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-10.1	3/31/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-10.2	8/17/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-10.2	9/22/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-10.2	12/8/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-10.2	3/30/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-10.2	3/31/2005	Duplicate	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		

TABLE 8

GROUND WATER ANALYTICAL DATA, ORGANOCHLORIDE PESTICIDES

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	ALDRIN	4,4'-DDD	4,4'-DDE	4,4'-DDT	ENDOSULFAN I	ENDOSULFAN II	OTHER ORGANIOCHLORIDE PESTICIDE	RESULT
MW-10.4	8/17/2004	Primary	<0.05	<0.09	<0.09	<0.09	<0.05	<0.09		
MW-10.4	9/22/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-10.4	12/8/2004	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		
MW-10.4	3/28/2005	Primary	<0.05	<0.1	<0.1	<0.1	<0.05	<0.1		

< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Samples analyzed by EPA Method 8081A.

TABLE 9

GROUND WATER ANALYTICAL DATA, DISSOLVED METALS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Anti-mony	Arsenic	Barium	Beryl-lium	Cad-mium	Chrom-ium	Cobalt	Copper	Lead	Mer-cury	Molyb-denum	Nickel	Selen-ium	Silver	Thall-ium	Vanad-ium	Zinc
MW-2.1	9/22/2004	Primary	<60	<5.0	13	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	59	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	69
	3/28/2005	Primary	<60	<5	18	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-2.2	9/22/2004	Primary	<60	<5.0	25	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	42	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	60
	3/28/2005	Primary	<60	<5	15	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-2.3	9/22/2004	Primary	<60	<5.0	<10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	53
	3/28/2005	Primary	<60	<5	14	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.1	9/22/2004	Primary	<60	<5.0	51	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	46	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	48
	3/28/2005	Primary	<60	<5	31	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	350
MW-3.2	9/22/2004	Primary	<60	<5.0	14	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	22	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	50
	3/28/2005	Primary	<60	<5	25	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
	3/28/2005	Duplicate	<60	<5	27	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.3	9/22/2004	Primary	<60	<5.0	<10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	11	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	43
	3/28/2005	Primary	<60	<5	<10	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.4	9/23/2004	Primary	<60	<5.0	120	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	<5.0	50	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	12	49
	3/29/2005	Primary	<60	<5	12	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20

TABLE 9

GROUND WATER ANALYTICAL DATA, DISSOLVED METALS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Anti-mony	Arsenic	Barium	Beryl-lium	Cad-mium	Chrom-ium	Cobalt	Copper	Lead	Mer-cury	Molyb-denum	Nickel	Selen-ium	Silver	Thall-ium	Vanad-ium	Zinc
MW-3.5	9/23/2004	Primary	<60	<5.0	28	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	24	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	3/29/2005	Primary	<60	<5	16	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.6	9/23/2004	Primary	<60	<5.0	<10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	<5.0	<10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	3/29/2005	Primary	<60	<5	12	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.7	9/23/2004	Primary	<60	<5.0	62	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	110	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	29
	3/29/2005	Primary	<60	<5	17	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.8	9/23/2004	Primary	<60	<5.0	40	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	36	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	3/29/2005	Primary	<60	<5	31	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-3.9	9/23/2004	Primary	<60	<5.0	24	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	30	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	3/29/2005	Primary	<60	<5	24	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-4.1	9/23/2004	Primary	<60	<5.0	3300	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	9.5	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	9600	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	77
	3/30/2005	Primary	<60	<5	3400	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-4.2	9/23/2004	Primary	<60	<5.0	130	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	200	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	49
	3/30/2005	Primary	<60	5.8	110	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-4.3	3/30/2005	Primary	<60	<5	38	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20

TABLE 9

GROUND WATER ANALYTICAL DATA, DISSOLVED METALS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Anti-mony	Arsenic	Barium	Beryl-lium	Cad-mium	Chrom-ium	Cobalt	Copper	Lead	Mer-cury	Molyb-denum	Nickel	Selen-ium	Silver	Thall-ium	Vanad-ium	Zinc
MW-4.4	9/23/2004	Primary	<60	<5.0	87	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	77	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	52
	3/30/2005	Primary	<60	<5	96	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.1	3/29/2005	Primary	<60	<5	46	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.2	9/23/2004	Primary	<60	<5.0	<10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	<5.0	<10	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	57
	3/29/2005	Primary	<60	<5	<10	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.3	9/23/2004	Primary	<60	<5.0	40	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	<5.0	49	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	47
	3/29/2005	Primary	<60	8.3	36	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
	3/29/2005	Duplicate	<60	6.2	37	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.4	9/23/2004	Primary	<60	9.9	11	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	9.7	13	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	42
	3/29/2005	Primary	<60	6.4	<10	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.5	9/22/2004	Primary	<60	10	75	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	10	44	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	42
	3/29/2005	Primary	<60	10	110	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.6	9/23/2004	Primary	<60	9.3	130	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	13	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	<5.0	220	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	24
	3/30/2005	Primary	<60	8.3	150	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.7	9/23/2004	Primary	<60	23	210	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	23	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	12	130	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	3/30/2005	Primary	<60	19	220	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20

TABLE 9

GROUND WATER ANALYTICAL DATA, DISSOLVED METALS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Anti-mony	Arsenic	Barium	Beryl-lium	Cad-mium	Chrom-ium	Cobalt	Copper	Lead	Mer-cury	Molyb-denum	Nickel	Selen-ium	Silver	Thall-ium	Vanad-ium	Zinc
MW-5.8	9/23/2004	Primary	<60	<5.0	78	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/9/2004	Primary	<60	<5.0	64	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	3/30/2005	Primary	<60	<5	78	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-5.9	9/23/2004	Primary	<60	<5.0	250	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	10	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	230	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	46
	3/30/2005	Primary	<60	<5	230	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-7.1	9/22/2004	Primary	<60	<5.0	42	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	6.1	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	50	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	49
	3/31/2005	Primary	<60	<5	57	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-10.1	8/17/2004	Primary	<60	<5.0	<10	4.7	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	9/22/2004	Primary	<60	<5.0	40	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/7/2004	Primary	<60	<5.0	48	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	54
	3/31/2005	Primary	<60	<5	43	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-10.2	8/17/2004	Primary	<60	<5.0	<10	4.2	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	32
	9/22/2004	Primary	<60	<5.0	28	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	<5.0	22	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	79
	3/30/2005	Primary	<60	<5	39	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
	3/31/2005	Duplicate	<60	<5	38	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20
MW-10.4	8/17/2004	Primary	<60	<5.0	180	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	9.8	<5.0	<5.0	<10	29
	9/22/2004	Primary	<60	11	150	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	8.6	<5.0	<5.0	<10	<20
	12/8/2004	Primary	<60	10	150	<2.0	<5.0	<10	<20	<10	<3.0	<0.20	<20	<20	<5.0	<5.0	<5.0	<10	62
	3/28/2005	Primary	<60	8.5	110	<2	<5	<10	<20	<10	<3	<0.2	<20	<20	<5	<5	<5	<10	<20

TABLE 9

GROUND WATER ANALYTICAL DATA, DISSOLVED METALS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	Anti-mony	Arsenic	Barium	Beryl-lium	Cad-mium	Chrom-ium	Cobalt	Copper	Lead	Mer-cury	Molyb-denum	Nickel	Selen-ium	Silver	Thall-ium	Vanad-ium	Zinc

< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL).
MDL or PQL listed in micrograms per liter.
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):
J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.
u = Not detected (data validation qualifier only).
uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).
Samples analyzed by EPA Method 6010B or 7470A.

TABLE 10

GROUND WATER ANALYTICAL DATA, TANNIN AND LIGNIN

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TANNINS AND LIGNINS
MW-2.1	9/22/2004	Primary	<100
	12/8/2004	Primary	180
	3/28/2005	Primary	2,000
MW-2.2	9/22/2004	Primary	<100
	12/8/2004	Primary	100
	3/28/2005	Primary	<100
MW-2.3	9/22/2004	Primary	<100
	12/8/2004	Primary	<100
	3/28/2005	Primary	<100
MW-3.1	9/22/2004	Primary	<100
	12/8/2004	Primary	<100
	3/28/2005	Primary	<100
MW-3.2	9/22/2004	Primary	360
	12/8/2004	Primary	860
	3/28/2005	Primary	130
	3/28/2005	Duplicate	140
MW-3.3	9/22/2004	Primary	<100
	12/8/2004	Primary	190
	3/28/2005	Primary	<100
MW-3.4	9/23/2004	Primary	310
	12/9/2004	Primary	660
	3/29/2005	Primary	<100
MW-3.5	9/23/2004	Primary	<100
	12/8/2004	Primary	180
	3/29/2005	Primary	<100
MW-3.6	9/23/2004	Primary	<100
	12/9/2004	Primary	230
	3/29/2005	Primary	200
MW-3.7	9/23/2004	Primary	<100
	12/8/2004	Primary	<100
	3/29/2005	Primary	<100
MW-3.8	9/23/2004	Primary	<100
	12/8/2004	Primary	<100
	3/29/2005	Primary	350
MW-3.9	9/23/2004	Primary	<100
	12/8/2004	Primary	190
	3/29/2005	Primary	180

TABLE 10

GROUND WATER ANALYTICAL DATA, TANNIN AND LIGNIN

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TANNINS AND LIGNINS
MW-4.1	9/23/2004	Primary	2,200
	12/8/2004	Primary	4,500
	3/30/2005	Primary	4,300
MW-4.2	9/23/2004	Primary	2,000
	12/8/2004	Primary	1,900
	3/30/2005	Primary	2,400
MW-4.3	3/30/2005	Primary	1,900
MW-4.4	9/23/2004	Primary	720
	12/8/2004	Primary	2,000
	3/30/2005	Primary	1,100
MW-5.1	3/29/2005	Primary	2,800
MW-5.2	9/23/2004	Primary	<100
	12/9/2004	Primary	120
	3/29/2005	Primary	<100
MW-5.3	9/23/2004	Primary	300
	12/9/2004	Primary	620
	3/29/2005	Primary	2,700
	3/29/2005	Duplicate	2,400
MW-5.4	9/23/2004	Primary	480
	12/9/2004	Primary	620
	3/29/2005	Primary	1,400
MW-5.5	9/22/2004	Primary	1,300
	12/9/2004	Primary	1,600
	3/29/2005	Primary	6,900
MW-5.6	9/23/2004	Primary	3,000
	12/9/2004	Primary	6,200
	3/30/2005	Primary	4,700
MW-5.7	9/23/2004	Primary	2,300
	12/9/2004	Primary	2,500
	3/30/2005	Primary	1,500
MW-5.8	9/23/2004	Primary	<100
	12/9/2004	Primary	230
	3/30/2005	Primary	120
MW-5.9	9/23/2004	Primary	540
	12/8/2004	Primary	720
	3/30/2005	Primary	950

TABLE 10

GROUND WATER ANALYTICAL DATA, TANNIN AND LIGNIN

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California
(Concentrations in micrograms per liter)

WELL	SAMPLE DATE	SAMPLE TYPE	TANNINS AND LIGNINS
MW-7.1	9/22/2004	Primary	350
	12/8/2004	Primary	2,000
	3/31/2005	Primary	440
MW-10.1	8/17/2004	Primary	<100
	9/22/2004	Primary	<100
	12/7/2004	Primary	150
	3/31/2005	Primary	<100
MW-10.2	8/17/2004	Primary	<100
	9/22/2004	Primary	<100
	12/8/2004	Primary	380
	3/30/2005	Primary	<100
	3/31/2005	Duplicate	<100
MW-10.4	8/17/2004	Primary	7,400
	9/22/2004	Primary	2,700
	3/28/2005	Primary	3,700

< = Concentration as reported by the analytical laboratory is less than the Method Detection Limit (MDL) or the Practical Quantitation Limit (PQL). MDL or PQL listed in micrograms per liter.

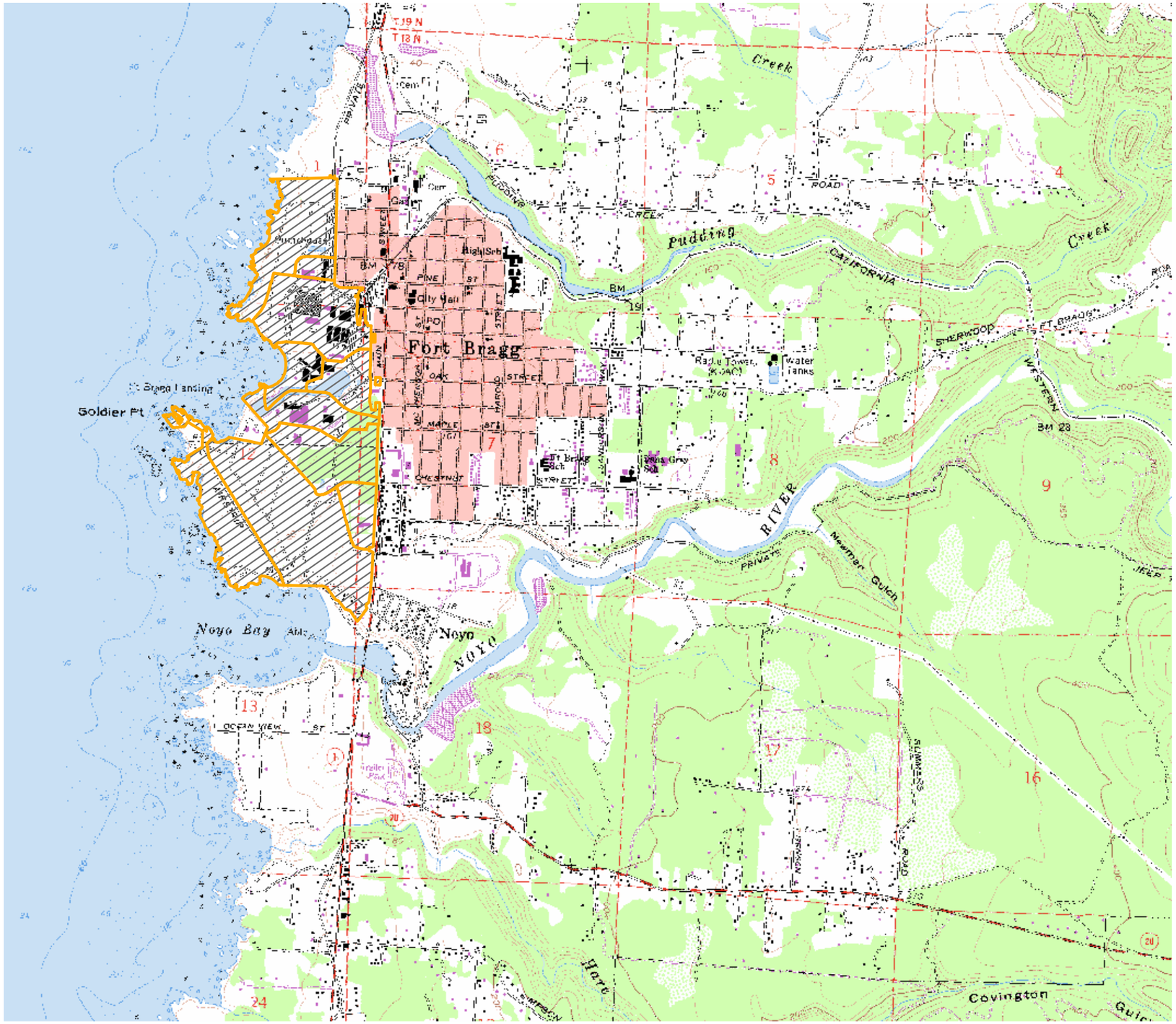
Data qualifiers (analytical laboratory data qualifiers in upper case, data validation qualifiers in lower case):

J or j = Estimated value. The analyte was positively identified, but the associated numerical result is an estimate.

u = Not detected (data validation qualifier only).

uj = Not detected. The associated numerical value is an estimate of the PQL or the MDL (data validation qualifier only).

Samples analyzed by Method SMWW 5550B.



Legend

Site

N

0 2,000 4,000 8,000

Feet

FIGURE 1

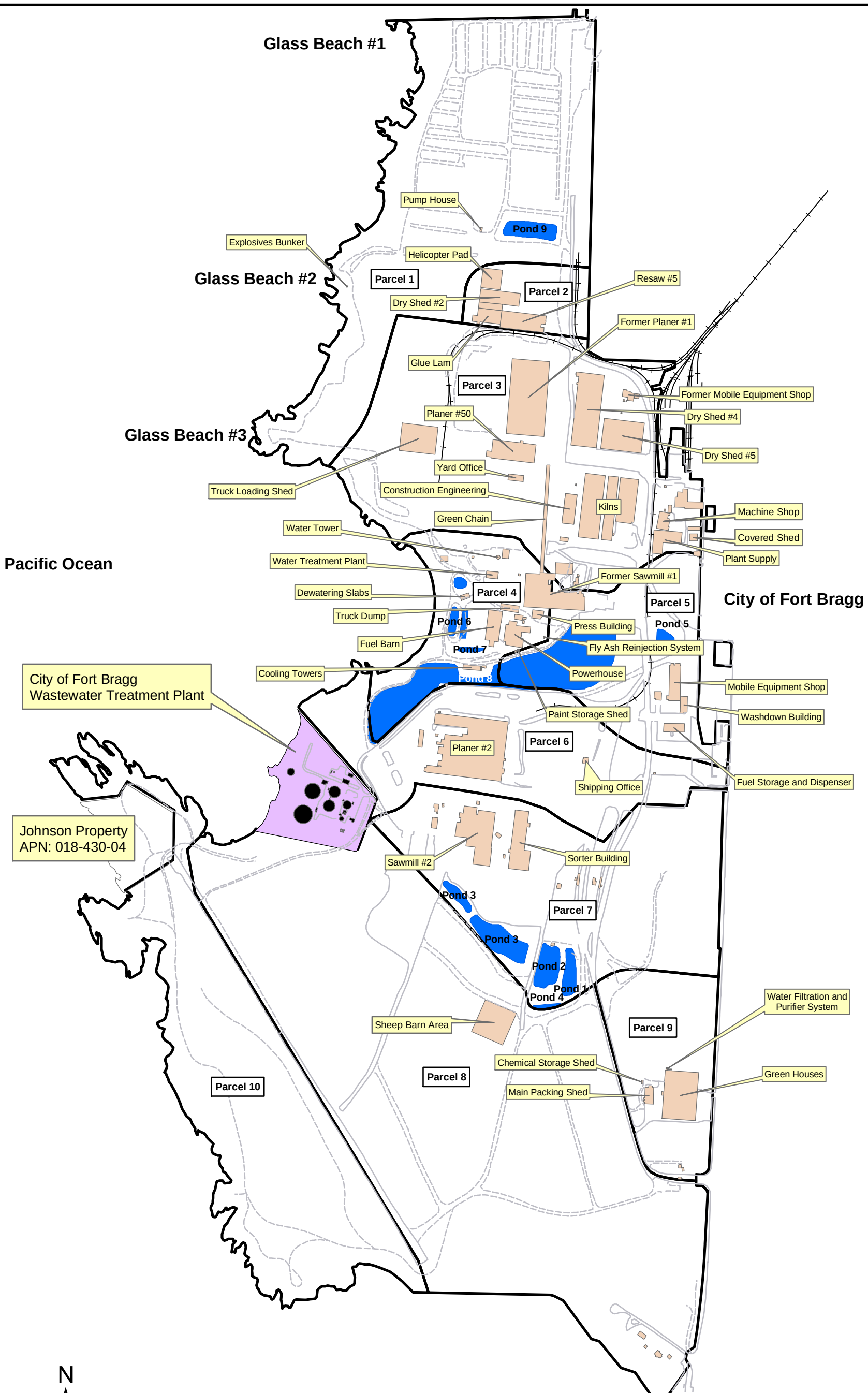
SITE LOCATION MAP

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

Project No. 16017.01	Drawn By AAC
Map File 1601701-017	Prepared By MAA
	Reviewed By
Revison/Date 0 - 5/31/05	Scale As Noted

Acton Mickelson Environmental, Inc.
Consulting Scientists, Engineers, and Geologists

5175 Hillsdale Circle #100
El Dorado Hills, California 95762
(916) 939-7550



Notes:
1. All locations and dimensions are approximate.

FIGURE 2

SITE MAP WITH BUILDING LOCATIONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

Project No. 16017.07	Drawn By AAC	Acton Mickelson Environmental, Inc. Consulting Scientists, Engineers, and Geologists
Map File 1601707-011	Prepared By JRH	5175 Hillsdale Circle #100
	Reviewed By JRH	El Dorado Hills, California 95762
Revison/Date 0 - 6/1/05	Scale As Noted	(916) 939-7550

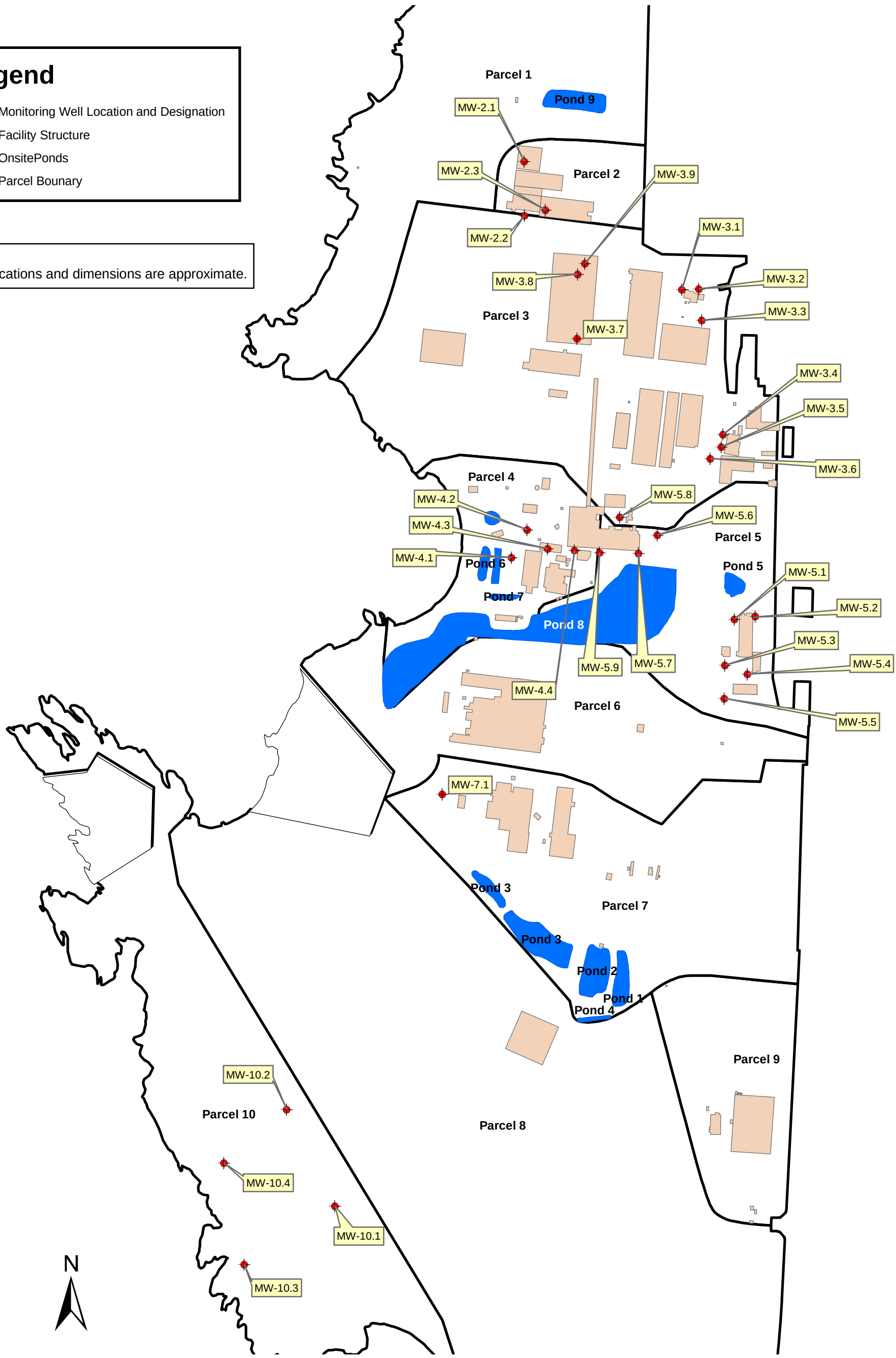


FIGURE 3

GROUND WATER MONITORING WELL LOCATIONS

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

Project No. 16017.01	Drawn By AAC	Acton Mickelson Environmental, Inc. Consulting Scientists, Engineers, and Geologists
Map File 1601701-033	Prepared By JRH	5175 Hillsdale Circle #100 El Dorado Hills, California 95762 (916) 939-7550
	Reviewed By JRH	
Revison/Date 0 - 8/10/05	Scale As Noted	

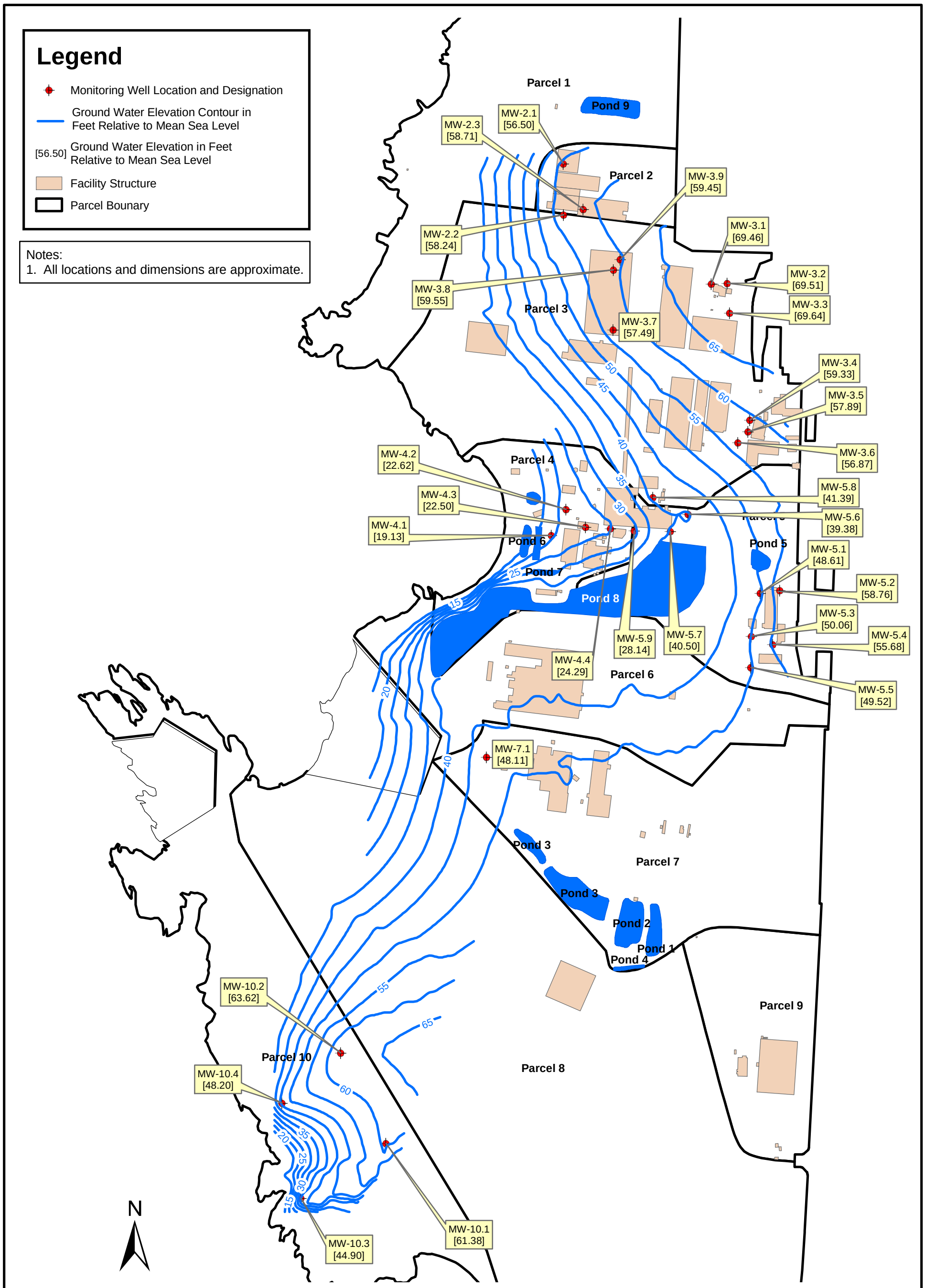


FIGURE 4

GROUND WATER ELEVATION CONTOUR MAP
MARCH 28, 2005

Georgia-Pacific California Wood Products Manufacturing Facility
90 West Redwood Avenue, Fort Bragg, California

Project No. 16017.01	Drawn By AAC	Acton Mickelson Environmental, Inc. Consulting Scientists, Engineers, and Geologists
Map File 1601701-031	Prepared By JRH	5175 Hillsdale Circle #100
	Reviewed By JRH	El Dorado Hills, California 95762
Revison/Date 0 - 6/17/05	Scale As Noted	(916) 939-7550

APPENDIX A

SAMPLING TECHNIQUES

APPENDIX A

SAMPLING TECHNIQUES

Proper sampling techniques must be followed so that samples represent actual field conditions and that samples are labeled, preserved, and transported properly to retain sample integrity. This appendix describes procedures to be followed by Acton • Mickelson • Environmental, Inc. (AME), during collection of subsurface soil and ground water samples and remediation system process samples. Sampling guidance documents from the American Society of Testing and Materials (ASTM), U.S. Environmental Protection Agency (EPA), and California Environmental Protection Agency (Cal-EPA) will be followed for all sampling procedures. Actual sampling procedures to be employed will be based on field conditions and may differ from those described here.

1.0 EXPLORATION BORING/SOIL SAMPLING PROCEDURES

Soil borings and soil sampling will be performed under the direction of an appropriately registered AME professional. The soil borings unless otherwise specified will be advanced using a truck-mounted, hollow-stem auger drill rig.

Soil samples will be collected at vertical intervals of not more than 5 feet. Soil sampling will be done in general accordance with ASTM D1586-84 (reapproved 1992), modified to allow the use of a 2-inch-diameter split-barrel sampler. Using this procedure, three 2-inch-diameter, 6-inch-length, brass tubes are placed in a California-type split-barrel sampler. The sampler is driven into the soil by a 140-pound weight falling 30 inches. After driving the sampler an initial set of 6 inches (seating drive), the number of blows required to drive the sampler an additional 12 inches is known as standard penetration resistance, or the "N" value. The "N" value is used as an empirical measure of the relative density of cohesionless soil and the consistency of cohesive soil.

Upon recovery of the split-barrel sampler, the brass tubes containing the soil will be removed. One of the three brass tubes will be sealed at the ends with Teflon® tape and plastic end caps. The percent recovery of the sample will be recorded. The sample will be labeled with an identification number, time, date, location, and requested laboratory analysis. The sample will then be placed in a plastic bag and stored at approximately 4° Celsius (C) in an ice chest for transport to the laboratory. Sample custody procedures outlined in Section 7.0 of this exhibit will be followed. This will be performed for each sample collection.

Soil in one of the brass tubes will be extracted upon recovery, placed in a plastic bag, sealed, and placed out of direct sunlight for later screening for organic vapors using a photoionization detector (PID) or a flame ionization detector (FID). The remaining portion of the soil sample will be examined and a complete log of soil conditions will be recorded on a soil boring log (Enclosure A) using the Unified Soil Classification System (Enclosure B). The soil will be examined for composition, color, and moisture content.

The split-barrel sampler will be cleaned to prevent cross-contamination for each sampling interval using procedures described in Section 4.0.

Soil borings will normally be advanced with 8- or 10-inch-diameter, hollow-stem augers. The soil generated from the soil borings will be stored in 55-gallon drums and labeled with the corresponding boring number, date, and address of the facility. Alternatively, the soil generated from the soil borings may be wrapped in plastic and stored on site until characterized for disposal.

2.0 MEASUREMENTS OF WATER LEVEL AND APPARENT THICKNESS OF PHASE-SEPARATED HYDROCARBONS (PSH, ALSO KNOWN AS LIQUID-PHASE HYDROCARBONS [LPH])

For sites where PSH may be present, the static water level and apparent PSH thickness in each well will be measured with an electronic interface probe prior to purging or sampling. The wire of the interface probe is marked at 0.01 foot intervals. One tone is emitted from the interface probe if PSH is encountered; another tone for water. The wire of the interface probe will be lowered slowly until PSH or water is encountered. At this point, the mark on the interface wire opposite the permanent reference point on the top of the well casing will be read to the nearest 0.01 foot and recorded. If the first encountered substance is PSH, the probe will be lowered until the tone corresponding to water is emitted. This depth will also be recorded. The difference between the two depths corresponds to the apparent PSH thickness. The interface probe will be rinsed in a cleaning solution and deionized water between measurements in different wells.

A disposable bailer will be used to collect a sample of PSH, if present in a well, for subjective analysis. The sample will be collected by gently lowering the bailer approximately one-half the bailer length past the air/PSH interface. The appearance (color, opacity, "freshness") will be described and noted on field notes.

For sites where PSH is not present, either a conductance probe level meter or an electronic interface probe will be used to measure static water level. The conductance probe level meter emits a steady tone upon encountering any conductive fluid (i.e., water). Like the interface probe, the wire of the conductance probe level meter has markings at 0.01 foot intervals, and the procedure for obtaining static water levels with the conductance probe level meter is basically the same as for an interface probe when PSH is not encountered.

A permanent reference point will be marked on the well casings. The permanent reference point on the well casings will be surveyed to a common reference point. All well casing riser elevations will be known to within 0.01 foot.

3.0 GROUND WATER SAMPLING

Ground water sampling will be done in general accordance with ASTM D4448 (reapproved 1992).

3.1 Well Evacuation

Where monitoring well purging is required prior to collection of a ground water sample, stagnant water will be removed from the well casing and the surrounding gravel pack by bailing, pumping, or with a vacuum truck. At least three casing volumes of water will be removed from each well from which a sample is to be collected (unless low-flow purging is performed for measurement of dissolved oxygen as described in Section 3.2). The volume of water in the casing will be determined from the known elevation of the water surface, the well bottom elevation (as measured when the well is installed), and the well diameter.

If the well is bailed or pumped during purging, samples will be collected and field analyzed for pH, temperature, and specific conductance. The well will be considered stabilized when repeated readings of the following parameters are within the ranges indicated as follows:

- Specific conductance ±10 percent of the reading range
- pH ±0.1 pH unit
- Temperature ±0.5° C.

After stabilization, and after at least three casing volumes are evacuated, a sample will be collected for analysis. The field container used for well stabilization measurements, and the pH, temperature, and conductivity probes will be rinsed between wells with deionized water.

All purge water will be containerized and properly handled and documented for disposal. If the containers are stored on site, a label specifying the date of purging, source, and the known or suspected nature of the contents will be affixed to each container.

3.2 Low-Flow Well Evacuation (Measuring Dissolved Oxygen)

Where accurate measurement of dissolved oxygen (DO) concentration is necessary, a low-flow purging method is used. Ground water is removed from the well at a rate of 0.5 gallon per minute or less. The ground water purge flow is directed into a flow-through sampling chamber containing a field analyzer for DO. The well is considered stabilized and the DO concentration recorded when repeated measurements of DO are within a range of 0.1 milligram per liter. The well can then be sampled as described in Section 3.4 even if less than three casing volumes of ground water are removed.

3.3 Geoprobe® Sampling

Undisturbed ground water samples may be obtained with a Geoprobe® sampling apparatus. When the termination depth of a boring is reached (i.e., when soil is observed to be wet, but not saturated), a Geoprobe® sampling apparatus will be driven approximately 2 feet into the saturated zone. The tool will then be withdrawn approximately 18 inches to expose the inlet screen and allow ground water to flow into the interior of the sampling device. The Geoprobe® will be withdrawn from the subsurface after allowing ample time for the sampling device to fill with ground water.

After the Geoprobe® is retrieved, a stop cock will be attached to the device for sample retrieval. The sample will then be placed in laboratory-supplied containers.

3.4 Sample Collection, Preservation, and Handling

A new polyethylene disposable bailer will be used to collect ground water samples for analysis. The bailer is attached to a new disposable rope and lowered slowly into the water to avoid agitation of the collected sample. Containers for volatile organics analyses will be filled completely so that no airspace remains in the vial after sealing.

All sample containers will be prewashed and prepared at the analyzing laboratory in accordance with quality assurance/quality control protocols of the laboratory. Only sample containers appropriate for the intended analyses will be used.

After sample collection, the samples will be placed into coolers with ice packs. Internal temperature of the cooler will be maintained at approximately 4° C. Samples will be kept in coolers during transport to the analyzing laboratory.

4.0 REMEDIATION SYSTEM SAMPLING AND MONITORING

4.1 Water Sampling

Water samples will be collected in the container(s) appropriate for the analysis. Containers will be filled from a sampling port. After collection, samples will be placed into coolers maintained at approximately 4 degrees C and kept in coolers until delivery to the analyzing laboratory.

4.2 Air and Soil Vapor Sampling

Process air and soil vapor samples for laboratory analysis will be collected in either Tedlar sampling bags or evacuated Summa canisters. The sampling container will be filled from a process sampling port. A vacuum pump connected to the sampling port will be used to fill Tedlar bags, and to fill Summa canisters when the sample is from a process point under vacuum. After collection, samples will be placed into coolers at ambient temperature to block exposure to direct sunlight and will be kept in coolers until delivery to the analyzing laboratory.

4.3 Air and Soil Vapor Monitoring

Field monitoring of process air (or soil vapor) will normally be performed with an FID. Using a sampling port with discharge tubing running into an open-top sample bottle (e.g., 500-milliliter polyethylene), the sampling port valve is opened to allow sample flow into the sample bottle. A vacuum pump is used to produce sample flow from process points under low or negative pressure. With sample flowing through the open-top bottle, the FID probe is inserted into the sample bottle and the reading recorded upon reaching steady state. As an alternative to the FID, a Draeger® tube can be inserted in the sample bottle and a measurement obtained following the specific instructions for the type of tube used.

Field monitoring of vadose zone soil vapor may be performed with an FID or a lower explosive limit (LEL) meter. The probe of the FID or LEL meter is lowered to the screen interval of the well

and the highest reading is recorded. Alternatively, a vacuum pump can be connected to the wellhead and a measurement obtained from a sample bottle as described above.

5.0 DECONTAMINATION PROCEDURES

All equipment that comes in contact with potentially contaminated soil, drilling fluid, air, or water will be decontaminated before each use. Decontamination will consist of steam-cleaning, a high-pressure, hot-water rinse, or trisodium phosphate (TSP) or Alconox®/Liquinox® wash and freshwater rinse, as appropriate.

Drilling and sampling equipment will be decontaminated as follows:

1. Drill rig augers, drill rods, and drill bits will be steam-cleaned prior to use and between borings. Visible soil, grease, and other impurities will be removed.

2. Soil sampling equipment will be steam-cleaned prior to use and between each boring. Prior to individual sample collection, any sampling device will also be cleaned in a TSP or Alconox®/Liquinox® solution and rinsed twice in clean water. Any visible soil residue will be removed.

3. It is anticipated that disposable equipment will be used to collect water samples. If disposable equipment is not used, water sampling equipment will be decontaminated using methods described in Item 2 above for soil sampling equipment.

4. Water sampling containers will be cleaned and prepared by the respective analytical laboratories.

5. Stainless steel or brass soil sampling tubes will be steam-cleaned or washed in TSP or Alconox®/Liquinox® solution and rinsed with clean water.

6. Field monitoring equipment (pH, conductivity, or temperature probes) will be rinsed with clean water prior to use and between samples.

6.0 FIELD MEASUREMENTS

Field data will be collected during various sampling and monitoring activities; this section describes routine procedures to be followed by personnel performing field measurements. The methods presented below are intended to ensure that field measurements are consistent and reproducible when performed by various individuals.

6.1 Buried Utility Locations

Prior to commencement of work on site, AME will contact appropriate utility companies to have underground utility lines located. All work associated with the borings will be preceded by hand augering to a minimum depth of 5 feet below the ground surface to avoid contact with underground utilities.

6.2 Lithologic Logging

A log of soil conditions encountered during drilling and sample collection (Enclosure A) will be maintained using the Unified Soil Classification System (Enclosure B) by an AME geologist. All boring logs will be reviewed by a California registered geologist.

The collected soil samples will be examined and the following information recorded: boring location, sample interval and depth, blow counts, color, soil type, moisture content (qualitative), and depth at which ground water (if present) is first encountered. Also recorded on the soil boring logs will be the field screening results obtained using a portable PID or FID.

6.3 Conductivity, Temperature, and pH

Specific conductance, water temperature, and pH measurements will be made when a water sample is collected. Regardless of the sample collection method, a representative water sample will be placed in a transfer bottle used solely for field parameter determinations. A conventional pH meter with a combination electrode or equivalent will be used for field-specific conductance measurements. Temperature measurements will be performed using standard thermometers or equivalent temperature meters. Combination instruments capable of measuring two or all three of the parameters may also be used.

All instruments will be calibrated in accordance with manufacturer methods. The values for conductivity standards and pH buffers used in calibration will be recorded daily in a field notebook. All probes will be thoroughly cleaned and rinsed with fresh water prior to any measurements, in accordance with Section 5.0.

7.0 DISPOSAL PROCEDURES

Soil and fluids that are produced and/or used during the installation and sampling of borings, and that are known or suspected to contain potentially hazardous materials, will be contained during the above operations. These substances will be retained on site until chemical testing has been completed to determine the proper means of disposal. Handling and disposal of substances known or suspected to contain potentially hazardous materials will comply with the applicable regulations of the Cal-EPA, the California Department of Water Resources, and any other applicable regulations. Soil and fluids produced and/or used during the above-described operations that appear to contain potentially hazardous materials will be disposed of appropriately.

Residual substances generated during cleaning procedures that are known or suspected to pose a threat to human health or the environment will be placed in appropriate containers until chemical testing has been completed to determine the proper means for their disposal.

8.0 SAMPLE CUSTODY

This section describes standard operating procedures for sample custody and custody documentation. Sample custody procedures will be followed through sample collection, transfer, analysis, and ultimate disposal. The purpose of these procedures is to assure that (1) the integrity of samples is maintained during their collection, transportation, and storage prior to analysis and (2) post-analysis sample material is properly disposed of. Sample custody is divided into field procedures and laboratory procedures, as described below.

8.1 Field Custody Procedures

Sample quantities, types, and locations will be determined before the actual fieldwork commences. As few people as possible will handle samples. The field sampler is personally responsible for the care and custody of the collected samples until they are properly transferred.

8.1.1 Field Documentation

Each sample will be labeled and sealed properly immediately after collection. Sample identification documents will be carefully prepared so that identification and chain-of-custody records can be maintained and sample disposition can be controlled. Forms will be filled out with waterproof ink. The following sample identification documents will be utilized.

- Sample labels
- Field notebook
- Chain-of-custody forms

8.1.2 Sample Labels

Sample labels provide identification of samples. Preprinted sample labels will be provided. Where necessary, the label will be protected from water and solvents with clean label-protection tape. Each label will contain the following information:

- Name of collector
- Date and time of collection
- Place of collection
- AME project number
- Sample number
- Preservative (if any)

8.1.3 Field Notebook

Information pertinent to a field survey, measurements, and/or sampling will be recorded in a bound notebook or on the daily field log. Entries in the notebook should include the following:

- Name and title of author, date and time of entry, and physical/environmental conditions during field activity.
- Location of sampling or measurement activity.
- Name(s) and title(s) of field crew.
- Type of sampled or measured media (e.g., soil, ground water, air, etc.)
- Sample collection or measurement method(s).
- Number and volume of sample(s) taken.
- Description of sampling point(s).
- Description of measuring reference points.
- Date and time of collection or measurement.
- Sample identification number(s).
- Sample preservative (if any).
- Sample distribution (e.g., laboratory).
- Field observations/comments.
- Field measurements data (pH, etc.).

8.1.4 Chain-of-Custody Record

A chain-of-custody record will be filled out for and will accompany every sample and every shipment of samples to the analytical laboratories in order to establish the documentation necessary to trace sample possession from the time of collection. The record will contain the following information:

- Sample or station number or sample I.D.
- Signature of collector, sampler, or recorder.
- Date and time of collection.
- Place of collection.
- Sample type.
- Signatures of persons involved in the chain of possession.
- Inclusive dates of possession.

The laboratory portion of the form should be completed by laboratory personnel and will contain the following information:

- Name of person receiving the sample.
- Laboratory sample number.
- Date and time of sample receipt.
- Analyses requested.
- Sample condition and temperature.

8.1.5 Sample Transfer and Shipment

Samples will always be accompanied by a chain-of-custody record. When transferring samples, the individuals relinquishing and receiving the samples will sign, date, and note the time on the chain-of-custody record. Samples will be packaged properly for shipment and dispatched to the appropriate laboratory for analysis. The chain-of-custody record will accompany each shipment. The method of shipment, courier name(s), and other pertinent information will be entered in the chain-of-custody record.

8.2 Laboratory Custody Procedures

A designated sample custodian will accept custody of the shipped samples and verify that the information on the sample label matches that on the chain-of-custody record. Information regarding method of delivery and sample conditions will also be checked on the chain-of-custody record. The custodian will then enter the appropriate data into the laboratory sample tracking system. The laboratory custodian may use the sample number on the sample label or may assign a unique laboratory number to each sample. The custodian will then transfer the sample(s) to the proper analyst(s) or store the sample(s) in the appropriate secure area.

Laboratory personnel are responsible for the care and custody of samples from the time they are received until the sample is exhausted. Once at the laboratory, the samples are handled in accordance with U.S. Environmental Protection Agency SW-846, Test Methods for Evaluating Solid Waste Physical/Chemical Methods, Third Edition, for the intended analyses. All data sheets, chromatographs, and laboratory records will be filed as part of the permanent documentation.

8.3 Corrections to Documentation

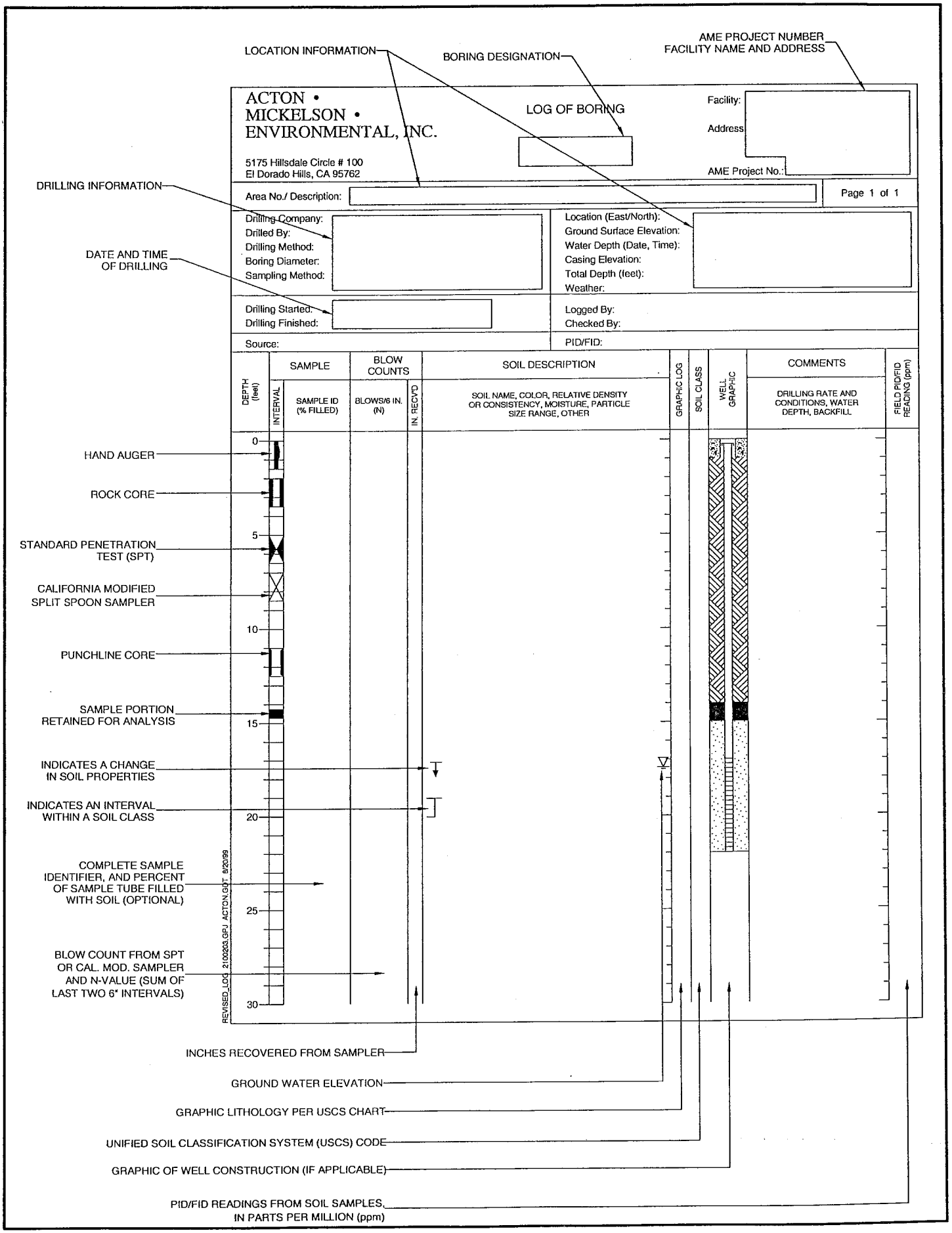
Original data recorded in field notebooks, chain-of-custody records, and other forms should be written in ink. These documents should not be altered, destroyed, or discarded, even if they are illegible or contain inaccuracies that require a replacement document.

If an error is made or found on a document, the individual making the corrections will do so by crossing a single line through the error, entering the correct information, and initialing and dating the change. The erroneous information will be obliterated. Any subsequent error(s) discovered on a document will be corrected. All corrections will be initialed and dated.

8.4 Sample Storage and Disposal

Samples and extracts should be retained by the analytical laboratory for 30 days after receipt. Unless notified by the program manager, excess or unused samples should be disposed of by the laboratory in an appropriate manner consistent with applicable government regulations.

ENCLOSURE A
BORING LOG KEY



ENCLOSURE B
UNIFIED SOIL CLASSIFICATION SYSTEM CHART

MAJOR DIVISION			SYMBOL GRAPH	SYMBOL LETTER	GROUP NAME[A] AND TYPICAL DESCRIPTION
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL RETAINED ON NO. 200 SIEVE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LESS THAN 5% FINES)		GW[B]	WELL-GRADED GRAVEL[C]: GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP[B]	POORLY-GRADED GRAVEL[C]: GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (MORE THAN 15% FINES)		GM[B]	SILTY GRAVEL[C]: GRAVEL - SAND - SILT MIXTURES
				GC[B]	CLAYEY GRAVEL[C]: GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LESS THAN 5% FINES)		SW	WELL-GRADED SAND[D]: GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SAND[D]: GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES (MORE THAN 15% FINES)		SM	SILTY SAND[D]: SAND - SILT MIXTURES
				SC	CLAYEY SAND[D]: SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL PASSES THE NO. 200 SIEVE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	SILT[E]: INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	LEAN CLAY[E]: INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC CLAY/ORGANIC SILT[E]: ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT 50 OR GREATER		MH	ELASTIC SILT[E]: INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	FAT CLAY[E]: INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAY/ORGANIC SILT[E]: ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT: HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTES: A) IF FIELD SAMPLE CONTAINS COBBLES OR BOULDERS, ADD "WITH COBBLES" AND/OR "WITH BOULDERS" TO GROUP NAME
B) DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS WITH 5-15% FINES. ADD "WITH SILT" OR "WITH CLAY" TO GROUP NAME
C) IF SOIL CONTAINS 15% OR MORE SAND, ADD "WITH SAND" TO GROUP NAME
D) IF SOIL CONTAINS 15% OR MORE GRAVEL, ADD "WITH GRAVEL" TO GROUP NAME

APPENDIX B

SAMPLING/DEVELOPMENT INFORMATION FORMS

GROUND WATER LEVEL DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Date: 3/28/05 Field Crew: DMJ, MML, TEC Measuring Device and Number: Solinst-model 122

Well No.	Time	Depth to Product (feet bmp)	Depth to Ground Water (feet bmp)	Product Thickness (feet)	Reference Elevation (feet msl)	Ground Water Elevation (feet msl)	Physical Observations/ Comments
MW-2.1	0823	ND	4.29	ND	60.79	56.50	TD 20.03 (Solid)
MW-2.2	0829	ND	2.46	ND	60.70	58.24	TD 20.15 (Slightly soft (SS)
MW-2.3	0842	ND	3.96	ND	62.67	58.71	TD 19.95 (Slightly soft)
MW-3.1	0906	ND	6.61	ND	76.07	69.46	TD 24.02 (Soft)
MW-3.2	0910	ND	6.67	ND	76.18	69.51	TD 22.95 (SS)
MW-3.3	0915	ND	4.58	ND	74.22	69.64	TD 24.89 (SS)
MW-3.4	0937	ND	1.51	ND	60.84	59.33	TD 10.17 (Solid)
MW-3.5	0941	ND	1.51	ND	59.40	57.89	TD 12.4 (Solid)
MW-3.6	0950	ND	0.74	ND	57.61	56.87	TD 12.49 (Solid)
MW-3.7	0901	ND	5.75	ND	63.24	57.49	TD 25.16 (Soft)
MW-3.8	0853	ND	3.89	ND	63.44	59.55	TD 25.10 (SS)
MW-3.9	0848	ND	3.87	ND	63.32	59.45	TD 19.80 (SS)
MW-4.1	1143	ND	3.78	ND	22.91	19.13	TD 32.45 (SS)
MW-4.2	1139	ND	5.50	ND	28.12	22.62	TD 31.55 (SS)
MW-4.3	1133	ND	2.69	ND	25.19	22.50	TD 29.78 (SS)
MW-4.4	1122	ND	2.25	ND	26.54	24.29	TD 29.04 (SS)
MW-5.1	1000	ND	~~29.47~~ 9.39	ND	58.32	48.61	TD 24.98 (SS) strong odor NO LPH detected

Signature: [signature]

Comments:

16017.01/9

GROUND WATER LEVEL DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Date: 3/28/05 Field Crew: DMJ, MML, TEL Measuring Device and Number: Solinst - Model 122

Well No.	Time	Depth to Product (feet bmp)	Depth to Ground Water (feet bmp)	Product Thickness (feet)	Reference Elevation (feet msl)	Ground Water Elevation (feet msl)	Physical Observations/ Comments
MW-5.2	1015	ND	0.85	ND	59.61	58.76	TD 25.05 (soft)
MW-5.3	1005	ND	6.65	ND	56.71	50.06	TD 29.78 (soft)
MW-5.4	1022	ND	3.31	ND	58.99	55.68	TD 30.02 (SS)
MW-5.5	1030	ND	8.04	ND	57.56	49.52	TD 30.32 (SS)
MW-5.6	1111	ND	10.69	ND	50.07	39.38	TD 24.89 (SS)
MW-5.7	1043	ND	4.33	ND	44.83	40.50	TD 35.15 (SS)
MW-5.8	1048	ND	4.23	ND	45.62	41.39	TD 22.59 (SS)
MW-5.9	1117	ND	3.18		31.32	28.14	TD 28.07 (SS)
MW-7.1	1150	ND	5.92		54.03	48.11	TD 14.65 (Firm)
MW-10.1	1203	ND	17.44		78.82	61.38	TD 32.92 (Firm)
MW-10.2	1158	ND	7.07		70.69	63.62	TD 17.36 (Firm)
MW-10.3	1200	ND	26.72		71.62	44.90	TD 27.22 (Firm)
MW-10.4	1213	ND	25.22		73.42	48.20	TD 32.45 (Firm)

Signature: [signature]

Comments:

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-2.1 **Date:** 3/28 /2005

Sample ID: MW-2.1-0328 05 Field Crew: DMT, JEC, MML

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☑ Weather: Rain

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4 TD 20.02

Approx. Screen Depth (feet bmp): 5.00 to 19.75

Depth to Water (H, feet bmp): ~~5.66~~ ~~4.29~~ ~~12/7/04~~ 3/28/05

Casing Volume (gallons): NA

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 19.00 TD 20.02

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) Fe	ORP	Notes (e.g. pump setting, adjustments)
0809	0.25	0	4.29								Start purge.
815	0.25	1.0	4.39	5.85	0.90	790	0	14.7			
8:19	0.25	2.0	4.39	6.32	0.315	760	0	14.9			
8:24	0.25	3.0	4.39	6.02	.260	210	0	14.9			
8:29	0.25	4.0	4.39	6.02	.260	200	0	14.9			
8:33	0.25	5.0	4.35	6.02	.263	160	0	14.9			
8:36	0.25	6.0	4.37	6.03	.263	140	0	15.0	3.4	-10 mV	
8:41	0.25	7.0	4.37	6.03	.263	120	0	15.2			
8:45	0.25	8.0	4.37	6.04	.263	120	0	15.2			End purge.

Time Samples Collected: 0855 Note Any Sampling Problem: None

Sample Appearance: cloudy, opaque Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	9	☐	HCl	
VOCs	8260B	VOA	40	9	☐	HCl	
SVOCs	8270C	Amber Glass	1000	6	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	3	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	3	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	3	☐	None	
PCBs	8082	Amber Glass	1000	3	☐	None	
PAHs	8310	Amber Glass	1000	3	☐	None	
Tannin and lignin	SM 5550	Poly	250	3	☐	None	

Comments:

Signature: [signature] Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-2.2
Sample ID: MW-2.2-0328 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/24/2005
Field Crew: MML/TEC
Purging Subcontractor: NA
Weather: overcast
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 19.75
Depth to Water (H, feet bmp): ~~2.46~~ ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 18'

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( ) Fe		Notes (e.g. pump setting, adjustments)
1000	0	0	2.41								Start purge.
1002	0.25	1.0	2.45	6.74	0.164	20	0.0	15.0			orp 107
1007	0.25	2.0	2.46	6.74	0.164	19	0.0	14.9			104
1011		3.0	2.46	6.80	0.146	22	0.0	14.5			112 mV
1016		4.0	2.46	6.92	0.145	24	0.0	14.5			salinity 0.0
1020		5.0	2.46	6.84	0.145	20	0.0	14.6			
1024		6.0	2.46	6.81	0.146	20	0.0	14.8			
1028		7.0	2.46	6.81	0.146	19	0.0	14.8	0		ORP 30 or 120
											End purge.

Time Samples Collected: 10:30
Sample Appearance: clear
Laboratory: Curtis&Tompkins
Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba U22 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: MY
Date: 3-28-05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-2.3
Sample ID: MW-2.3-03~~2~~28 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/28/2005
Field Crew: MML / TEC
Purging Subcontractor: NA
Weather: clear
FID/PID at Well Headspace (ppm): ~~0~~ NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 19.75
Depth to Water (H, feet bmp): ~~5.87~~ ~~3.96~~ ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 12'

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1100	0	0	3.93							Start purge.
1106	0.25	1.0	3.99	6.63	.230	24	0.0	13.7		
1110	0.25	2.0		6.54	.223	21	0.0	13.7		
1119	↓	3.0	3.99	5.46	.413	8	0.133	13.0		
1123	↓	4.0	3.99	5.56	.390	7	0.56	13.0		
1127	↓	5.0	3.99	5.60	.373	8	0.81	13.0		ORP 70.0
1131	↓	6.0	3.99	5.61	.370	8	0.83	13.0		Fe++ = 0.0
1135		7.0	4.00	5.62	.365	8	0.85	13.0		
										End purge.

Time Samples Collected: 1140
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: MY
Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-3.1**
Date: 3/28/2005
Sample ID: MW-3.1-0328 05
Field Crew: DMJ TEC, HML
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: Windy
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): NA
Well Condition: OK

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 4.50 to 24.25
Depth to Water (H, feet bmp): ~~9.89~~ 6.61 ~~12.04~~
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 22 ft

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1156	0	0	6.59							Start purge.
1214	0.25	1.0	~~5.72~~	5.72	0.376	28	0.15	15.4		
1218		2.0	6.60	5.72	0.373	18	0.66	15.3		
1222		3.0	6.60	5.73	0.370	17	0.72	15.4		ORP 58
1226		4.0	6.60	5.74	0.367	14	0.72	15.5		
1230		5.0	6.60	5.74	0.365	15	0.72	15.5		
									Fe^{+2} 0	
										End purge.

Time Samples Collected: 1235
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: ML
Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-3.2**
Sample ID: MW-3.2-03~~28~~/05
QA/QC Sample IDs: MW-DUP1-03~~28~~/05
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/28/2005
Field Crew: DMJ & TEC
Purging Subcontractor: NA
Weather: clear, 55-60°F 3-5
FID/PID at Well Headspace (ppm): ~~NA~~

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 8.00 to 23.25
Depth to Water (H, feet bmp): ~~9.96~~ 6.47 ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~21.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1413	0	0	6.51				6			Start purge.
1417	0.25	1.0	6.51	5.67	0.441	20	0.96	15.4		
1421	↓	↓	6.51	5.71	0.436	12	0.65	15.4		
1425	↓	↓	6.51	5.70	0.435	12	0.70	15.5		
1429	↓	↓	6.51	5.72	0.433	11	0.73	15.5		
									Fe^{+2}=0.0	
									ORP=14	
										End purge.

Time Samples Collected: 1431
Sample Appearance: clear
Laboratory: Curtis&Tompkins
Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank
Water Meter Model/No: Solinst-122 Horiba #1

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	6	☐	HCl	
VOCs	8260B	VOA	40	6	☐	HCl	
SVOCs	8270C	Amber Glass	1000	4	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	2	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	2	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	2	☐	None	
PCBs	8082	Amber Glass	1000	2	☐	None	
PAHs	8310	Amber Glass	1000	2	☐	None	
Tannin and lignin	SM 5550	Poly	250	2	☐	None	

Comments:

Signature: [signature]
Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.3
Sample ID: MW-3.3-0328 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/28/2005
Field Crew: DMJ, MML, TEC
Purging Subcontractor: NA
Weather: clear, 60-65°F, 3-5mph W
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 24.75
Depth to Water (H, feet bmp): ~~7.75~~ 4.58 ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~ 21.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (~~lpm~~) or Increment (gal) (~~L~~)	Cumulative Water Removed (gal) (~~L~~)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1525	0	0	5.02							Start purge.
1529	0.25	1.0	4.87	5.95	0.548	8	0.64	14.9		
1533	↓	2.0	4.64	5.98	0.547	7	0.60	14.9		
1537	✓	3.0	4.44	5.98	0.546	9	0.67	15.0		
									Fe+2 = 0.0	
	CHEMET =		3.5 mg/L						ORP = 14	End purge.

Time Samples Collected: 1540
Sample Appearance: clear
Laboratory: Curtis&Tompkins
Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank
Water Meter Model/No: Solinst-122, Horiba #1

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature] Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.4 **Date:** 3/29/2005

Sample ID: MW-3.4-0329 05 Field Crew: DMJ, MML, JEC

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: clear, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 4.10 to 9.75

Depth to Water (H, feet bmp): ~~8.76~~ 1.51 ~~12/7/04~~ 3/29/05

Casing Volume (gallons): NA

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~7.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1315	0	0	1.51							Start purge.
1319	0.25	1.0	1.51	9.19	1.23	2		15.4		
1323	↓	2.0	1.51	9.21	1.21	13		15.3		
1327	↓	3.0	1.51	9.23	1.19	11		15.3		
									Fe^{+2} 0.0	
									Chem 2.0	
									ORP -41	
										End purge.

Time Samples Collected: 1330 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: Dennis M. Jones Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.5
Date: 3/29 /2005
Sample ID: MW-3.5-0329 05
Field Crew: DMT, MML, TEL
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear, cool, breezy
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): N/A
Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 2.50 to 12.50
Depth to Water (H, feet bmp): ~~2.95~~ 1.51 ~~12/7/00~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~10.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1040	0	0	1.51							Start purge.
1144	0.25	1.0	1.51	5.99	0.458	87		16.0		
1148	↓	2.0	1.51	5.94	0.458	87		16.0		
1152	↓	3.0	1.51	5.92	0.458	86		16.0		
								15.9		
									Fe^{+2} = 0.0	
									CHEMETS	3.5
									ORP = -45	End purge.

Time Samples Collected: 1155
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature]
Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.6
Sample ID: MW-3.6-0329 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/29/2005
Field Crew: DMJ, MML, TEC
Purging Subcontractor: NA
Weather: clear, cool, breezy
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 2.50 to 12.50
Depth to Water (H, feet bmp): ~~2.22~~ 0.74 ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~10.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): ~~Fe+2 (mg/L)~~ Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1050	0.25	0	0.74							Start purge.
1054	0.25	1.0	0.74	5.94	.481	19		15.7		
1058	✓	2.0	0.74	5.90	0.477	13		15.7		
1102		3.0	0.74	5.88	0.477	11		15.7		
									Fe+2 = 1.5	
									CHemets	1.5
									ORP = NR	
										End purge.

Time Samples Collected: 1105
Sample Appearance: Clear
Laboratory: Curtis&Tompkins

Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank

Water Meter Model/No: Horiba U-22 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: Dennis M Jones
Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.7
Sample ID: MW-3.7-0329 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/29/2005
Field Crew: DMJ, MML, TEC
Purging Subcontractor: NA
Weather: clear, cool, windy
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 24.75
Depth to Water (H, feet bmp): ~~8.65~~ ~~5.75~~ ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~22.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1523	0	0	5.75							Start purge.
1527	0.25	1.0	5.77	6.51	0.415	164		15.0		
1531		2.0	5.77	6.53	0.409	57		15.1		
1535	✓	3.0	5.77	6.53	0.409	59		15.1		
									Fe^{+2} = 0.0	
									ORP = -61	
								chanel	= 7.0	
										End purge.

Time Samples Collected: 1540
Sample Appearance: clear
Laboratory: Curtis&Tompkins
Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: Dennis M Jones
Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.8
Date: 3/29/2005
Sample ID: MW-3.8-0329 05
Field Crew: DMJ, MML, TEC
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear, cool, windy
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): NA
Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 24.75
Depth to Water (H, feet bmp): ~~6.40~~ 3.89 ~~12/7/04~~ 3/29/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~22.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1447	0	0	3.89							Start purge.
1446	0.25	1.0	3.90	7.33	0.438	155		15.1		
1450		2.0	3.91	6.89	0.438	124		15.2		
1454		3.0	3.91	6.87	0.437	121		15.2		
1458		4.0	3.91	6.80	0.435	120		15.2		
									Fe^{+2}=0.0	
									ORP=-40	
									Chemet 3.5	
										End purge.

Time Samples Collected: 1500
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: Dennis M Jones
Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-3.9
Date: 3/29 /2005
Sample ID: MW-3.9-0329 05
Field Crew: DMJ, MML, TCL
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear, cool, breezy
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): NA
Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 19.75
Depth to Water (H, feet bmp): ~~5.90~~ 3.87 ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 2/7

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1404	0	0								Start purge.
1408	0.25	1.0	3.90	8.04	0.530	167		15.3		
1412	↓	2.0	3.98	8.01	0.537	92		15.3		
1416	↓	3.0	3.90	8.00	0.537	93		15.3		
									Fe+2 0.0	
									Chem 2.0	
									ORP -161	
										End purge.

Time Samples Collected: 1420
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature]
Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-4.1
Date: 3/30/2005
Sample ID: MW-4.1-033005
Field Crew: DMT, MML, TEC
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear, cloudy, breezy
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): NA
Well Condition: Good, replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 4.65 to 29.90
Depth to Water (H, feet bmp): ~~4.95 12/7/04~~ 3.78 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~28

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1424	0	0	3.75							Start purge.
1428	0.25	1.0	3.78	6.39	0.95	8		16.4		
1432	↓	2.0	3.78	6.35	0.95	9		16.4		
1436	↓	3.0	3.78	6.35	0.96	1		16.3		
							Chemet		Fe+2 = 3.6	
							1.5			
									ORP = Ur	End purge.

Time Samples Collected: 1440
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature]
Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-4.2 **Date:** 3/30/2005

Sample ID: MW-4.2-0330 05 Field Crew: DMJ, MML, TEC

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: clear, cod, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good - replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 6.80 to 31.55

Depth to Water (H, feet bmp) ~~7.07~~ ~~12/7/04~~ 5/28/05

Casing Volume (gallons): NA 5.50

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~29.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1342	0	0	5.52							Start purge.
1346	0.25	1.0	5.50	6.66	0.704	6	1	15.5		
1350	↓	2.0	5.50	6.61	0.701	105		15.6		
1354	✓	3.0	5.50	6.59	0.700	84		15.6		
							chemet		Fe^{+2} = 3.0	
							5.5			
									ORP: Ur	End purge.

Time Samples Collected: 1400 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: Dennis M Jones Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-4.3 **Date:** 3/30/2005

Sample ID: MW-4.3-0330 05 Field Crew: DMJ, MML, TEC

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: clear, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good - well box apron damaged, well casing also good good well box

PURGING PARAMETERS

Casing Diameter (D, inches): 4

Approx. Screen Depth (feet bmp): ~~3.00 to 29.75~~ STET

Depth to Water (H, feet bmp): 2.69 3/28/05

Casing Volume (gallons): NA

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~27.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1300	0	0	2.65							Start purge.
1304	0.25	1.0	2.70	6.70	0.516	Ø		14.6		
1308		2.0	2.70	6.53	0.517	Ø		14.6		
1312		3.0	2.70	6.47	0.513	Ø		14.6		
1316		4.0	2.70	6.46	0.512	Ø		14.6		
							chemet	1.0	Fe^{+2} = 2.4	
									ORP = UR	
										End purge.

Time Samples Collected: 1320 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature] Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-4.4** **Date:** 3/30 /2005

Sample ID: MW-4.4-0330 05 Field Crew: DMS, MML, TEL

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: clear, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 5.00 to 29.75

Depth to Water (H, feet bmp): ~~3.58 12/7/04~~ 2.20 3/28/05

Casing Volume (gallons): NA 2.25

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 27.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1214	0	0	2.20							Start purge.
1218	0.25	1.0	2.20	7.11	0.765	65		14.8		
1222	↓	2.0	2.20	6.88	0.765	62		14.8		
1226	✓	3.0	2.20	6.76	0.762	6		14.9		
1228		3.5	2.20	6.74	0.761	1		14.9		
							Chemet		Fe+2 = 2.5	
							2.5			
									ORP = 41	
										End purge.

Time Samples Collected: 1230 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature] Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.1
Sample ID: MW-5.1-03 29 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: good

Date: 3/29/2005
Field Crew: MML
Purging Subcontractor: NA
Weather: windy
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 24.75
Depth to Water (H, feet bmp): ~~10.87~~ 9.76 12/7/04 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness): 0.01

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 18'

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0929	0	0	9.72							Start purge.
0938	0.25	1.0	9.82	6.63	0.398	60	0.0	14.8		
0943	0.25	2.0	9.82	6.64	0.398	64	0.0	14.8	ferrous =	2.2
0946	↓	3.0	9.82	6.65	0.398	66	0.0	14.8	ORP =	-96
0950		4.0	9.83	6.65	0.398	67	0.0	14.8		
							1.5		1.5 O_2	by chemet
										End purge.

Time Samples Collected: 1000
Sample Appearance: clear
Laboratory: Curtis&Tompkins

Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank

Water Meter Model/No: Horiba U-22XD

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments: D.O. faulty - No sheen or F.P. in clear bailer.

Signature: MJ
Date: 3-29-05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.2 **Date:** 3/29 /2005

Sample ID: MW-5.2-03/29/05 Field Crew: DMJ, MML, TEC

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: cloudy, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 5.00 to 24.75

Depth to Water (H, feet bmp): ~~2.50~~ 0.85 ~~12/8/04~~ 3/28/05

Casing Volume (gallons): NA

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~22

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1000	0	0								Start purge.
1004	0.25	1.0	0.87	6.24	0.493	36		15.4		
1008	↓	2.0	0.87	6.26	0.487	28		15.5		
1012	↓	3.0	0.87	6.32	0.485	37		15.6		
									Fe+2 = 0.2	
									DRP-UR	
								1.5	CHEMET	End purge.

Time Samples Collected: 1015 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature] Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.3 **Date:** 3/28/2005

Sample ID: MW-5.3-0328 05 Field Crew: DMJ, MML, TEC

QA/QC Sample IDs: MW-DUP2-0328 05 Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: overcast, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 5.00 to 29.75

Depth to Water (H, feet bmp): ~~5.10 21.65 12/7/04~~ 3/28/05

Casing Volume (gallons): NA 6.65

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~27.

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0758	0	0	6.51							Start purge.
0804	0.25	1.0	6.71	5.56	0.880	2		13.5		
0808	↓	2.0	6.71	5.62	0.871	1		13.6		
0812	✓	3.0	6.71	5.64	0.868	1		13.6		
									Fe^{+2}=2.8	
							Chemet			
							1.5 mg/L		ORP=Ur	
Chemets		1.5 mg/L							Underrung	End purge.

Time Samples Collected: 0815 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Solinst-122 Horiba #1

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	6	☐	HCl	
VOCs	8260B	VOA	40	6	☐	HCl	
SVOCs	8270C	Amber Glass	1000	4	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	2	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	2	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	2	☐	None	
PCBs	8082	Amber Glass	1000	2	☐	None	
PAHs	8310	Amber Glass	1000	2	☐	None	
Tannin and lignin	SM 5550	Poly	250	2	☐	None	

Comments:

Signature: [signature] Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.4
Sample ID: MW-5.4-03~~29~~05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: good

Date: 3/29/2005
Field Crew: MML
Purging Subcontractor: NA
Weather: rain
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 29.75
Depth to Water (H, feet bmp): ~~4.64~~ 3.36 ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 20

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conduct-ance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temper-ature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0810	0	0	3.21							Start purge.
0820	0.25	1.0	3.28	6.36	0.274	30	0.0	14.9		orp -136
0824	↓	2.0	3.35	6.38	0.275	9	0.0	14.9		sal. 0.0
0828		3.0	3.45	6.38	0.275	7	0	14.9		
0832		4.0	3.46	6.36	0.270	7	0	15	Ferrous	
0836	↓	5.0	3.46	6.36	0.270	7	0	15.0	2.6	
							O_2 =	1.5 mg/L	w/k/reagents	
										End purge.

Time Samples Collected: 0845
Sample Appearance: clear
Laboratory: Curtis&Tompkins
Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba U-22XD

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments: D.O. not working

Signature: MZ
Date: 3-29-05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.5
Date: 3/29/2005
Sample ID: MW-5.5-0329 05
Field Crew: DMJ, MML
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: cloudy, cool, breezy
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): NA
Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 29.75
Depth to Water (H, feet bmp): ~~8.10.49~~ 8.04 2/7/08
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~27

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): ~~Fe+2 (mg/L)~~ Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0904	0	0	8.24							Start purge.
0908	0.25	1.0	8.25	5.71	0.604	2		14.5		
0912		2.0	8.31	5.64	0.601	Ø		14.8		
0916		3.0	8.46	5.62	0.603	1		14.8		
0920		4.0	8.47	5.60	0.603	2		14.9		
									Fe^{+2} = 2.8	
									CHemet = 1.5	
									ORP = 115	
										End purge.

Time Samples Collected: 0925
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
~~PAHs~~	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: James M Jones
Date: 3/29/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.6
Sample ID: MW-5.6-03~~30~~05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/30 /2005
Field Crew: DMJ, MML, TEC
Purging Subcontractor: NA
Weather: clear, cool, sl breeze
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 24.75
Depth to Water (H, feet bmp): ~~8 11.59~~ ~~10.69~~ ~~12/7/04~~ 3/28/05 10.69
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~22.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0821	0	0	10.65							Start purge.
0825	0.25	1.0	10.65	6.49	0.871	Ø		14.8		
0829	↓	2.0	10.65	6.40	0.864	Ø		14.9		
0833	↓	3.0	10.65	6.40	0.861	Ø		14.9		
									Fe+2 = 2.9	
									ORP = -89	
								Chemet	= 1.5	
										End purge.

Time Samples Collected: 0835
Sample Appearance: clear
Laboratory: Curtis&Tompkins

Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: Dennis M Jones
Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.7
Sample ID: MW-5.7-0330 05
QA/QC Sample IDs:
MS/MSD for this Sample? ☐
Location Description: Monitoring Well
Well Condition: Good

Date: 3/30/2005
Field Crew: DMT, MML, TEC
Purging Subcontractor: NA
Weather: clear, cool, breezy
FID/PID at Well Headspace (ppm): NA

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 5.00 to 34.75
Depth to Water (H, feet bmp): ~~5.10~~ ~~12/7/04~~ 3/28/05
Casing Volume (gallons): NA 4.33
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~32.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0900	0	0	4.30							Start purge.
0904	0.25	1.0	4.30	6.40	0.96	Ø		14.9		
0908	↓	2.0	4.30	6.39	0.96	Ø		14.9		
0912	↓	3.0	4.30	6.39	0.96	Ø		15.0		
									Fe^{+2} = 2.8	
									ORP = Ar	
								chemet = 1.5		
										End purge.

Time Samples Collected: 0915
Sample Appearance: clear
Laboratory: Curtis&Tompkins

Note Any Sampling Problem: None
Equipment Decontamination: None
Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature]
Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.8 **Date:** 3/30/2005

Sample ID: MW-5.8-0330 05 Field Crew: DMJ, MML, TEC

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: clear, cool, sl breeze

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good, replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 2.00 to 19.75

Depth to Water (H, feet bmp): ~~4.68~~ 4.23 ~~12/7/04~~ 3/28/05

Casing Volume (gallons): NA

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~17.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0741	0	0	4.25							Start purge.
0745	0.25	1.0	4.25	7.00	0.747	24		14.7		
0749	↓	2.0	4.25	6.94	0.745	6		14.7		
0753	↓	3.0	4.25	6.95	0.742	27		14.6		
									Fe+2 = 0.8	
									ORP = -45	
								CHEMET = 1.5		
										End purge.

Time Samples Collected: 0755 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature] Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-5.9 **Date:** 3/30/2005

Sample ID: MW-5.9-0330 05 Field Crew: DMJ, MML, TEC

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: clear, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good, replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches)

Approx. Screen Depth (feet bmp): 5.00 to 24.75

Depth to Water (H, feet bmp): ~~25.45 12/7/04~~ 3.18 3/28/05

Casing Volume (gallons): NA

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~22.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (~~lpm~~) or Increment (gal) (~~l~~)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0944	0	0	3.15							Start purge.
0948	0.25	1.0	3.15	6.82	0.661	24		14.8		
0952	↓	2.0	3.15	6.76	0.663	84		14.9		
0956	✓	3.0	3.15	6.77	0.663	56		15.0		
									Fe^{+2}=2.8	
									ORP=Ur	
								Chemet=4.5		
										End purge.

Time Samples Collected: 1000 Note Any Sampling Problem: None

Sample Appearance: Clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature] Date: 3/30/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: MW-7.1 **Date:** 3/31/2005

Sample ID: MW-7.1-0331 05 Field Crew: DMJ

QA/QC Sample IDs: Purging Subcontractor: NA

MS/MSD for this Sample? ☑ Weather: clear, cod, 5 mph

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 5.00 to 14.75

Depth to Water (H, feet bmp): ~~6.47 12/7/04~~ 8

Casing Volume (gallons): NA 5.92 3/28/04

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~12.75

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
0836	0	0	6.15							Start purge.
0840	0.25	1.0	6.20	7.29	0.96	10		14.5		
0844	↓	2.0	6.25	7.31	0.97	0		14.5		
0848	↓	3.0	6.30	7.31	0.97	0		14.5		
							Chemet		Fe^{+2}=1.1	
							4.5			
									ORP=Ur	
										End purge.

Time Samples Collected: 0850 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	9	☐	HCl	
VOCs	8260B	VOA	40	9	☐	HCl	
SVOCs	8270C	Amber Glass	1000	6	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	3	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	3	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	3	☐	None	
PCBs	8082	Amber Glass	1000	3	☐	None	
PAHs	8310	Amber Glass	1000	3	☐	None	
Tannin and lignin	SM 5550	Poly	250	3	☐	None	

Comments:

Signature: [signature] Date: 3/31/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-10.1**
Date: 3/31/2005
Sample ID: MW-10.1-0331/05
Field Crew: DMJ, MML, TEC
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear, cool, calm
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): NA
Well Condition: Good-replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 17.65 to 32.40
Depth to Water (H, feet bmp): ~~20.00 12/7/04~~
Casing Volume (gallons): NA 17.44
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~30

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (L)	Cumulative Water Removed (gal) (L)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1017	0	0	17.26							Start purge.
1021	0.25	1.0	17.27	6.80	0.538	ϕ		14.5		
1025	↓	2.0	17.27	6.79	0.514	ϕ		14.4		
1029	↓	3.0	17.27	6.75	0.509	ϕ		14.5		
							chemet	Fe+2=0.0		
							1.5			
								ORP=44		
										End purge.

Time Samples Collected: 1030
Note Any Sampling Problem: None
Sample Appearance: Clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank
Water Meter Model/No: Horiba #1 Solinst -122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature]
Date: 3/31/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-10.2** **Date:** 3/31 /2005

Sample ID: MW-10.2-0331 05 Field Crew: DMJ, MML, JEC

QA/QC Sample IDs: MW-DUP3-0331 05 Purging Subcontractor: NA

MS/MSD for this Sample? ☐ Weather: Clear, cool, breezy

Location Description: Monitoring Well FID/PID at Well Headspace (ppm): NA

Well Condition: Good - replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4

Approx. Screen Depth (feet bmp): 6.80 to 15.55

Depth to Water (H, feet bmp) ~~10.55 12/7/04~~

Casing Volume (gallons): NA 7.07 3/28/05

Calculated Purge Volume (gallons): NA

Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): ~13.5

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1108	0	0	7.10							Start purge.
1112	0.25	1.0	7.11	6.74	0.619	Ø		14.7		
1116		2.0	7.11	6.67	0.619	Ø		14.7		
1120		3.0	7.11	6.62	0.618	Ø		14.6		
1124		4.0		6.60	0.617	Ø		14.6		
							Chemet		Fe+2 = 6.0	
							2.0		ORP = 36	
										End purge.

Time Samples Collected: 1130 Note Any Sampling Problem: None

Sample Appearance: clear Equipment Decontamination: None

Laboratory: Curtis&Tompkins Purge Water Disposition: On site tank

Water Meter Model/No: Horiba #1 Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	6	☐	HCl	
VOCs	8260B	VOA	40	6	☐	HCl	
SVOCs	8270C	Amber Glass	1000	4	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	2	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	2	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	2	☐	None	
PCBs	8082	Amber Glass	1000	2	☐	None	
PAHs	8310	Amber Glass	1000	2	☐	None	
Tannin and lignin	SM 5550	Poly	250	2	☐	None	

Comments:

Signature: [signature] Date: 3/31/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-10.3**
Date: 3/28/2005
Sample ID: MW-10.3-03 28 05
Field Crew: DWJ, MML, TEC
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear, breezy, cool
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): N/A
Well Condition: Good - replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 18.80 to 27.55
Depth to Water (H, feet bmp): 26.72
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): _____

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conduct-ance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temper-ature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
	0	0								Start purge.
										End purge.

Time Samples Collected: _____
Note Any Sampling Problem: _____
Sample Appearance: _____
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank

Water Meter Model/No: Solinst-122

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments: Insufficient amount of water in casing to purge & sample

Signature: [signature]
Date: 3/28/05

SAMPLING/DEVELOPMENT INFORMATION

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762

Project Name: Former Georgia-Pacific Sawmill
Facility/ Address: 90 West Redwood Avenue, Fort Bragg, CA
Project Number: 16017.01

Well/ Sample Location: **MW-10.4**
Date: 3/28/2005
Sample ID: MW-10.4-03~~28~~05
Field Crew: DMJ, MML, JEC
QA/QC Sample IDs:
Purging Subcontractor: NA
MS/MSD for this Sample? ☐
Weather: clear
Location Description: Monitoring Well
FID/PID at Well Headspace (ppm): ~~0~~ NA
Well Condition: Good-replaced lock

PURGING PARAMETERS

Casing Diameter (D, inches) 4
Approx. Screen Depth (feet bmp): 20.25 to 32.00
Depth to Water (H, feet bmp): ~~27.42~~ 5.24 12/7/04 cg
Casing Volume (gallons): NA
Calculated Purge Volume (gallons): NA
Note if LPH (feet thickness):

CASING VOLUME: ([TD-H]*[3.14*(D/24)2]*[7.48 gallons/ft3
0.65*[TD-H] for 4-inch well; 0.16*[TD-H] for 2-inch we

PURGING/SAMPLING METHODS

	Purging	Sampling	Notes
Low Flow	☑	☑	
Peristaltic Pump	☑	☑	
Submersible Pump	☐	☐	
Bailer	☐	☐	
Tap/ Other	☐	☐	
Dedicated Equipment?	☐	☐	

Intake Depth (feet bmp): 30.00

PURGING AND WATER QUALITY DATA

Time	Purge Rate (gpm) (lpm) or Increment (gal) (l)	Cumulative Water Removed (gal) (l)	Depth to Water (feet bmp)	pH (units)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (degrees C)	Other (circle): Fe+2 (mg/L) Eh (mV) ( )	Notes (e.g. pump setting, adjustments)
1632	0	0	25.24				0.25	17.2		Start purge.
1636	0.25	1.0	25.24	5.78	0.764	6	0.25	17.2		
1640	↓	2.0	25.24	5.76	0.761	6	0.28	17.3		
1644	↓	3.0	25.24	5.76	0.761	6	0.29	17.3		
									Fe^{+2}=3.4	
									ORP= Hr	
	CHEMET =		1.5 mg/L						Upper range	End purge.

Time Samples Collected: 1645
Note Any Sampling Problem: None
Sample Appearance: clear
Equipment Decontamination: None
Laboratory: Curtis&Tompkins
Purge Water Disposition: On site tank

Water Meter Model/No: Solinst-122 Horiba #1

LABORATORY SAMPLE INFORMATION

Analysis	Analysis Method	Container Type	Volume (ml)	Number of Containers	Sample Filtered?	Preservative	Notes
TPHg	8015B	VOA	40	3	☐	HCl	
VOCs	8260B	VOA	40	3	☐	HCl	
SVOCs	8270C	Amber Glass	1000	2	☐	None	
Metals, dissolved	6010B/ 7470A	Poly	500	1	☑	HNO3	
TPHd, TPHo w/ SGCU	8015B	Amber Glass	1000	1	☐	None	
Organochloride Pesticides	8081A	Amber Glass	1000	1	☐	None	
PCBs	8082	Amber Glass	1000	1	☐	None	
PAHs	8310	Amber Glass	1000	1	☐	None	
Tannin and lignin	SM 5550	Poly	250	1	☐	None	

Comments:

Signature: [signature]
Date: 3/28/05

16017.01/09

MONITORING EQUIPMENT CALIBRATION DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5050 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
AME Project No. 16017.01

SITE: Former G-P Sawmill - Ft Bragg
ADDRESS: 90 W. Redwood Ave
Ft Bragg, CA

Area No./Description:

Date: 3/25/05

Page 1 of 6

Instrument (Type, Model, Serial No.): Horiba #1

	Calibration	Calibration Check				
Time 1410						
Standard Used	Horiba 100-4	pH	Cond.	Turb	Temp	DO
Expected Reading (units)		4	4.49	0		0
Actual Reading (units)		3.94	4.50	0		0
Adjusted Reading (units)		4.00	4.49			
Initials TO						

Comments:

Instrument (Type, Model, Serial No.): Horiba U-22XD

	Calibration	Calibration Check				
Time 1430						
Standard Used	Horiba 100-4	pH	Cond	Turb	DO	Temp °C
Expected Reading (units)		4	4.49	0		
Actual Reading (units)		4.01	4.66	1		22.2
Adjusted Reading (units)						
Initials						

Comments:

Instrument (Type, Model, Serial No.): Horiba U-22XD

	Calibration	Calibration Check				
Time 1465						
Standard Used	pH	pH				
Expected Reading (units)	7	10				
Actual Reading (units)	7.18	10.24				
Adjusted Reading (units)	7.00	10.00				
Initials TO						

Comments:

NOTES:

MONITORING EQUIPMENT
CALIBRATION DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5050 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
AME Project No 160017.01

SITE: Fmr G-P Sawmill
ADDRESS: 90 W. Redwood Ave
Ft Bragg, CA

Area No./Description:

Date: 3/25/05

Page 2 of 6

Instrument (Type, Model, Serial No.): Horiba #1

	Calibration	Calibration Check				
Time						
Standard Used 1500	PH	PH				
Expected Reading (units)	7	10				
Actual Reading (units)	7	10				
Adjusted Reading (units)						
Initials						

Comments:

Instrument (Type, Model, Serial No.):

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments:

Instrument (Type, Model, Serial No.)

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments

NOTES

MONITORING EQUIPMENT CALIBRATION DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5050 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
AME Project No 16017-01

SITE: Former Ft Bragg GP Sawm 11
ADDRESS: 90 W Redwood Ave
Ft Bragg, CA

Area No./Description:

Date: 3/28/05

Page 7 of 6

Instrument (Type, Model, Serial No.): Horiba #1A

	Calibration	Calibration Check				
Time 0735	Auto Cal					
Standard Used	pH	Cond	Turb	DO	Temp	
Expected Reading (units)	4	4.49	0			
Actual Reading (units)	3.85					
Adjusted Reading (units)						
Initials						

Comments: Failure ~~[illegible]~~

Instrument (Type, Model, Serial No.): Horiba U-22

	Calibration	Calibration Check				
Time 0740	Horiba 100-U					
Standard Used	pH	Cond	Turb	DO		
Expected Reading (units)	4.00	4.49	0	0		
Actual Reading (units)	3.72	4.85	0	0		
Adjusted Reading (units)	4.00	4.49				
Initials						

Comments:

Instrument (Type, Model, Serial No.)

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments

NOTES

MONITORING EQUIPMENT CALIBRATION DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5050 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
AME Project No 16012 01

SITE: Fmr G-P Sawmill
ADDRESS: 90 W. Redwood Ave
Ft Bragg, CA

Area No./Description:

Date: 3/29/05

Page 4 of 6

Instrument (Type, Model, Serial No.): Horiba #1

	Calibration	Calibration Check				
Time	Horiba U22-4					
Standard Used 7:30	PH	Cond	Turb	DO	Temp	
Expected Reading (units)	4.00	4.44	0	00		
Actual Reading (units)	4.02	4.47	0	0.03		
Adjusted Reading (units)	4.00	4.49	0	0.0		
Initials						

Comments:

Instrument (Type, Model, Serial No.): Horiba U-22

	Calibration	Calibration Check				
Time 744						
Standard Used	PH	Cond	Turb	Temp		
Expected Reading (units)	4.00	4.44	0.0			
Actual Reading (units)	4.02	4.61	0.0			
Adjusted Reading (units)	4.00	4.49	0.0			
Initials						

Comments:

Instrument (Type, Model, Serial No.)

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments

NOTES

MONITORING EQUIPMENT
CALIBRATION DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5050 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
AME Project No. 16017-01

SITE: Ft. Bragg G.P.
ADDRESS: 90 W Redwood Ave
Ft Bragg, CA

Area No./Description:

Date: 3/30/05

Page 5 of 6

Instrument (Type, Model, Serial No.): Horiba U-10 #1

	Calibration	Calibration Check				
Time	0645	0700				
Standard Used	10-4-7.0 pH					
Expected Reading (units)	10-4-7					
Actual Reading (units)	10-4-7	10-4-7				
Adjusted Reading (units)						
Initials	ML	ML				

Comments: Auto-calibration does not work, Error 4 - D.O. sensor membrane & case Faulty.

Instrument (Type, Model, Serial No.):

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments:

Instrument (Type, Model, Serial No.):

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments:

NOTES:

MONITORING EQUIPMENT
CALIBRATION DATA

ACTON • MICKELSON • ENVIRONMENTAL, INC.
5050 Robert J. Mathews Parkway
El Dorado Hills, CA 95762
AME Project No 16017-01

SITE: G.P.
ADDRESS: 90 W. Redwood Ave
Ft. Bragg CA

Area No./Description:

Date: 3-31-05

Page 6 of 6

Instrument (Type, Model, Serial No.): Horiba U10 #1

	Calibration	Calibration Check				
Time	0715	16°	0730			
Standard Used	7-4-10	PH	7-4-10			
Expected Reading (units)	7-4-10					
Actual Reading (units)	7-4-10		7-4-10			
Adjusted Reading (units)						
Initials	ML		ML			

Comments: Auto calibration error 4, D.O. sensor faulty, needs replacement.

Instrument (Type, Model, Serial No.):

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments:

Instrument (Type, Model, Serial No.):

	Calibration	Calibration Check				
Time						
Standard Used						
Expected Reading (units)						
Actual Reading (units)						
Adjusted Reading (units)						
Initials						

Comments:

NOTES:

APPENDIX C

GROUND WATER SAMPLE ANALYTICAL REPORTS

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Acton Mickelson Environmental
5175 Hillsdale Cir
El Dorado Hills, CA 95762

Date: 22-APR-05
Lab Job Number: 178544
Project ID: 16017.01
Location: Former GP Sawmill

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

NELAP # 01107CA

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178544**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GP Sawmill**
Request Date:	**03/29/05**
Samples Received:	**03/29/05**

This hardcopy data package contains sample and QC results for one water sample, requested for the above referenced project on 03/29/05. The sample was received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Pesticides (EPA 8081A):
No analytical problems were encountered.

PCBs (EPA 8082):
High surrogate recoveries were observed for decachlorobiphenyl in MW2.2-032805 (lab # 178544-001), the method blank/LCS for batch 100767, and the MS/MSD of MW2.1-032805 (lab # 178560-001); the corresponding TCMX surrogate recoveries were within limits. No other analytical problems were encountered.

Polynuclear Aromatics by HPLC (EPA 8310):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Tannins & Lignins (SMWW 5550):
North Coast Laboratories, Ltd. in Arcata, CA performed the analysis. Please see the North Coast Laboratories, Ltd. case narrative.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW2.2-032805	Batch#:	100594
Matrix:	Water	Sampled:	03/28/05
Units:	ug/L	Received:	03/29/05
Diln Fac:	1.000	Analyzed:	03/29/05

Type: SAMPLE Lab ID: 178544-001

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	63-141
Bromofluorobenzene (FID)	94	79-139

Type: BLANK Lab ID: QC288178

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	63-141
Bromofluorobenzene (FID)	90	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288179	Batch#:	100594
Matrix:	Water	Analyzed:	03/29/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,021	101	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	63-141
Bromofluorobenzene (FID)	104	79-139

3.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW2.1-032805	Batch#:	100594
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/30/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288199

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	22.23	2,000	1,966	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	139	63-141
Bromofluorobenzene (FID)	115	79-139

Type: MSD Lab ID: QC288200

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,907	94	80-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	140	63-141
Bromofluorobenzene (FID)	118	79-139

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW2.2-032805	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/10/05
Batch#:	100920		

Type: SAMPLE
Lab ID: 178544-001
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	85	55-143

Type: BLANK
Lab ID: QC289459
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	89	55-143

ND= Not Detected
RL= Reporting Limit

24.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100920
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/10/05

Type: BS
Lab ID: QC289460
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	1,743	70	50-133

Surrogate	%REC	Limits
Hexacosane	82	55-143

Type: BSD
Lab ID: QC289461
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,990	80	50-133	13	40

Surrogate	%REC	Limits
Hexacosane	93	55-143

RPD= Relative Percent Difference

25.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.2-032805	Batch#:	100675
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	1.5	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.2-032805	Batch#:	100675
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	0.6	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	114	80-124

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288483	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.59	106	75-121
Benzene	25.00	25.54	102	80-120
Trichloroethene	25.00	25.23	101	78-120
Toluene	25.00	25.65	103	80-120
Chlorobenzene	25.00	25.41	102	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	104	80-124

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288484	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288484	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-124

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288485	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288485	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	112	80-124

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.1-032805	Batch#:	100675
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288507

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.08940	25.00	24.83	99	70-124
Benzene	0.2262	25.00	24.14	96	79-120
Trichloroethene	<0.08663	25.00	23.73	95	71-120
Toluene	2.713	25.00	26.56	95	77-120
Chlorobenzene	<0.04954	25.00	24.12	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	100	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	109	80-124

Type: MSD Lab ID: QC288508

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.01	104	70-124	5	20
Benzene	25.00	24.75	98	79-120	2	20
Trichloroethene	25.00	24.08	96	71-120	1	20
Toluene	25.00	26.91	97	77-120	1	20
Chlorobenzene	25.00	24.83	99	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	100	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-124

RPD= Relative Percent Difference

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.2-032805	Batch#:	100750
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/07/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.2-032805	Batch#:	100750
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/07/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	89	41-120
Phenol-d5	84	41-120
2,4,6-Tribromophenol	94	38-120
Nitrobenzene-d5	81	47-120
2-Fluorobiphenyl	83	44-120
Terphenyl-d14	86	16-120

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288788	Batch#:	100750
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/04/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288788	Batch#:	100750
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/04/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	68	41-120
Phenol-d5	64	41-120
2,4,6-Tribromophenol	70	38-120
Nitrobenzene-d5	75	47-120
2-Fluorobiphenyl	86	44-120
Terphenyl-d14	73	16-120

ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288789	Batch#:	100750
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/04/05

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	60.35	60	43-120
2-Chlorophenol	100.0	70.35	70	51-120
1,4-Dichlorobenzene	50.00	33.80	68	36-120
N-Nitroso-di-n-propylamine	50.00	33.33	67	45-120
1,2,4-Trichlorobenzene	50.00	38.98	78	38-120
4-Chloro-3-methylphenol	100.0	71.49	71	48-120
Acenaphthene	50.00	39.61	79	43-120
4-Nitrophenol	100.0	74.33	74	43-120
2,4-Dinitrotoluene	50.00	41.55	83	46-120
Pentachlorophenol	100.0	84.12	84	35-120
Pyrene	50.00	40.14	80	38-120

Surrogate	%REC	Limits
2-Fluorophenol	70	41-120
Phenol-d5	63	41-120
2,4,6-Tribromophenol	78	38-120
Nitrobenzene-d5	78	47-120
2-Fluorobiphenyl	79	44-120
Terphenyl-d14	77	16-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.1-032805	Batch#:	100750
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/04/05

Type: MS Lab ID: QC288790

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<1.451	94.34	59.26	63	44-120
2-Chlorophenol	<1.584	94.34	68.57	73	51-120
1,4-Dichlorobenzene	<0.5176	47.17	30.70	65	39-120
N-Nitroso-di-n-propylamine	<0.7803	47.17	33.89	72	44-120
1,2,4-Trichlorobenzene	<0.5232	47.17	35.94	76	41-120
4-Chloro-3-methylphenol	<1.690	94.34	71.36	76	50-120
Acenaphthene	<0.7295	47.17	38.84	82	47-120
4-Nitrophenol	<1.817	94.34	69.88	74	38-120
2,4-Dinitrotoluene	<0.9063	47.17	40.55	86	33-120
Pentachlorophenol	<1.841	94.34	82.05	87	25-148
Pyrene	<0.8044	47.17	38.96	83	46-120

Surrogate	%REC	Limits
2-Fluorophenol	72	41-120
Phenol-d5	66	41-120
2,4,6-Tribromophenol	80	38-120
Nitrobenzene-d5	82	47-120
2-Fluorobiphenyl	80	44-120
Terphenyl-d14	66	16-120

Type: MSD Lab ID: QC288791

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	94.34	57.39	61	44-120	3	28
2-Chlorophenol	94.34	67.71	72	51-120	1	24
1,4-Dichlorobenzene	47.17	31.37	66	39-120	2	29
N-Nitroso-di-n-propylamine	47.17	32.57	69	44-120	4	25
1,2,4-Trichlorobenzene	47.17	35.61	75	41-120	1	24
4-Chloro-3-methylphenol	94.34	65.71	70	50-120	8	23
Acenaphthene	47.17	37.18	79	47-120	4	23
4-Nitrophenol	94.34	72.39	77	38-120	4	27
2,4-Dinitrotoluene	47.17	38.20	81	33-120	6	22
Pentachlorophenol	94.34	80.40	85	25-148	2	25
Pyrene	47.17	37.67	80	46-120	3	23

Surrogate	%REC	Limits
2-Fluorophenol	70	41-120
Phenol-d5	63	41-120
2,4,6-Tribromophenol	77	38-120
Nitrobenzene-d5	77	47-120
2-Fluorobiphenyl	77	44-120
Terphenyl-d14	69	16-120

RPD= Relative Percent Difference

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW2.2-032805	Batch#:	100705
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	03/31/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	118	44-120
Decachlorobiphenyl	89	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288614	Batch#:	100705
Matrix:	Water	Prepared:	03/31/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND #	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	80	44-120
Decachlorobiphenyl	99	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288615	Batch#:	100705
Matrix:	Water	Prepared:	03/31/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.2063	103	61-140
Heptachlor	0.2000	0.2248	112	53-143
Aldrin	0.2000	0.2016	101	60-120
Dieldrin	0.4000	0.4065	102	57-127
Endrin	0.4000	0.4079 #	102	59-136
4,4'-DDT	0.4000	0.5026 #	126	55-149

Surrogate	%REC	Limits
TCMX	88	44-120
Decachlorobiphenyl	96	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW2.1-032805	Batch#:	100705
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	03/31/05
Diln Fac:	1.000	Analyzed:	04/08/05

Type: MS Lab ID: QC288616

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<0.008411	0.1905	0.1812	95	52-144
Heptachlor	<0.003450	0.1905	0.2083	109	53-138
Aldrin	<0.002899	0.1905	0.1816	95	45-120
Dieldrin	<0.01657	0.3810	0.3621	95	55-133
Endrin	<0.01850	0.3810	0.3655 #	96	60-130
4,4'-DDT	<0.007855	0.3810	0.4436 #	116	42-144

Surrogate	%REC	Limits
TCMX	87	44-120
Decachlorobiphenyl	80	50-128

Type: MSD Lab ID: QC288617

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.1905	0.1548	81	52-144	16	37
Heptachlor	0.1905	0.1689	89	53-138	21	38
Aldrin	0.1905	0.1539	81	45-120	17	35
Dieldrin	0.3810	0.3156	83	55-133	14	35
Endrin	0.3810	0.3143 #	83	60-130	15	35
4,4'-DDT	0.3810	0.3824 #	100	42-144	15	41

Surrogate	%REC	Limits
TCMX	74	44-120
Decachlorobiphenyl	75	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
RPD= Relative Percent Difference

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Field ID:	MW2.2-032805	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/04/05
Batch#:	100767		

Type: SAMPLE Cleanup Method: EPA 3665A
Lab ID: 178544-001

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	149 *	18-120

Type: BLANK Cleanup Method: EPA 3665A
Lab ID: QC288869

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	130 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288870	Batch#:	100767
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/04/05

Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1242	5.000	7.180	144	67-148

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	135 *	18-120

*= Value outside of QC limits; see narrative

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Field ID:	MW2.1-032805	Batch#:	100767
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: MS
Lab ID: QC288871
Cleanup Method: EPA 3665A

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1242	<0.2783	4.717	5.939	126	46-170

Surrogate	%REC	Limits
TCMX	106	52-124
Decachlorobiphenyl	127 *	18-120

Type: MSD
Lab ID: QC288872
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1242	4.717	6.272	133	46-170	5	35

Surrogate	%REC	Limits
TCMX	110	52-124
Decachlorobiphenyl	138 *	18-120

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW2.2-032805	Batch#:	100752
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	82	58-132
1-Methylnaphthalene (F)	82	56-135

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288795	Batch#:	100752
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/03/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	95	58-132
1-Methylnaphthalene (F)	90	56-135

ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Matrix:	Water	Batch#:	100752
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000		

Type: BS Analyzed: 04/03/05
Lab ID: QC288796

Analyte	Spiked	Result	%REC	Limits
Naphthalene	10.00	9.856	99	67-120
Acenaphthylene	20.00	19.73	99	70-120
Acenaphthene	10.00	10.38	104	66-120
Fluorene	2.000	1.706	85	69-120
Phenanthrene	1.000	0.9412	94	63-120
Anthracene	1.000	0.9378	94	63-120
Benzo(k)fluoranthene	1.000	0.9517	95	65-124
Indeno(1,2,3-cd)pyrene	1.000	0.8702	87	62-123

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	93	58-132
1-Methylnaphthalene (F)	88	56-135

Type: BSD Analyzed: 04/04/05
Lab ID: QC288797

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	10.00	8.994	90	67-120	9	26
Acenaphthylene	20.00	18.32	92	70-120	7	24
Acenaphthene	10.00	8.600	86	66-120	19	28
Fluorene	2.000	1.778	89	69-120	4	25
Phenanthrene	1.000	0.9179	92	63-120	3	23
Anthracene	1.000	0.9168	92	63-120	2	24
Benzo(k)fluoranthene	1.000	0.9283	93	65-124	2	24
Indeno(1,2,3-cd)pyrene	1.000	0.9564	96	62-123	9	23

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	83	58-132
1-Methylnaphthalene (F)	85	56-135

RPD= Relative Percent Difference

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178544	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GP Sawmill
Field ID:	MW2.2-032805	Diln Fac:	1.000
Lab ID:	178544-001	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	15	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100836	04/05/05	04/05/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	100836
Lab ID:	QC289136	Prepared:	04/05/05
Matrix:	Water	Analyzed:	04/05/05
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100836
Matrix:	Water	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC289137	5.000	5.290	106	80-120		
BSD	QC289138	5.000	5.280	106	80-120	0	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100836
Field ID:	MW2.1-032805	Sampled:	03/28/05
MSS Lab ID:	178560-001	Received:	03/29/05
Matrix:	Filtrate	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC289148	<0.07957	5.000	5.000	100	80-120		
MSD	QC289149		5.000	5.260	105	80-120	5	20

RPD= Relative Percent Difference

30.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289937	Batch#:	101041
Matrix:	Filtrate	Prepared:	04/11/05
Units:	ug/L	Analyzed:	04/11/05

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	101041
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: BS Lab ID: QC289938

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	516.0	103	78-120
Arsenic	100.0	104.0	104	74-132
Barium	2,000	1,980	99	80-120
Beryllium	50.00	52.50	105	80-120
Cadmium	50.00	50.80	102	80-120
Chromium	200.0	201.0	101	80-120
Cobalt	500.0	496.0	99	80-120
Copper	250.0	251.0	100	80-120
Lead	100.0	97.10	97	66-138
Molybdenum	400.0	408.0	102	80-120
Nickel	500.0	497.0	99	80-120
Selenium	100.0	98.00	98	58-142
Silver	50.00	52.40	105	80-120
Thallium	100.0	94.30	94	57-144
Vanadium	500.0	511.0	102	80-120
Zinc	500.0	496.0	99	80-120

Type: BSD Lab ID: QC289939

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	514.0	103	78-120	0	20
Arsenic	100.0	106.0	106	74-132	2	22
Barium	2,000	1,960	98	80-120	1	20
Beryllium	50.00	52.10	104	80-120	1	20
Cadmium	50.00	50.00	100	80-120	2	20
Chromium	200.0	198.0	99	80-120	2	20
Cobalt	500.0	491.0	98	80-120	1	20
Copper	250.0	248.0	99	80-120	1	20
Lead	100.0	95.30	95	66-138	2	25
Molybdenum	400.0	416.0	104	80-120	2	20
Nickel	500.0	492.0	98	80-120	1	20
Selenium	100.0	101.0	101	58-142	3	31
Silver	50.00	50.90	102	80-120	3	20
Thallium	100.0	96.80	97	57-144	3	30
Vanadium	500.0	506.0	101	80-120	1	20
Zinc	500.0	491.0	98	80-120	1	20

RPD= Relative Percent Difference

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178544	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Field ID:	MW2.1-032805	Batch#:	101041
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: MS Lab ID: QC289940

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<3.725	500.0	514.0	103	68-127
Arsenic	<2.298	100.0	105.0	105	63-151
Barium	18.20	2,000	1,980	98	79-120
Beryllium	<0.2495	50.00	51.90	104	80-120
Cadmium	<0.3394	50.00	49.50	99	76-123
Chromium	1.970	200.0	200.0	99	79-120
Cobalt	1.880	500.0	492.0	98	80-120
Copper	<3.052	250.0	251.0	100	80-120
Lead	<1.086	100.0	96.00	96	49-155
Molybdenum	12.20	400.0	426.0	103	73-120
Nickel	2.030	500.0	489.0	97	74-120
Selenium	4.170	100.0	102.0	98	44-156
Silver	<1.306	50.00	49.50	99	72-124
Thallium	<3.479	100.0	99.20	99	34-158
Vanadium	1.330	500.0	510.0	102	80-120
Zinc	<4.869	500.0	492.0	98	79-123

Type: MSD Lab ID: QC289941

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	508.0	102	68-127	1	20
Arsenic	100.0	106.0	106	63-151	1	35
Barium	2,000	1,920	95	79-120	3	20
Beryllium	50.00	50.40	101	80-120	3	20
Cadmium	50.00	48.50	97	76-123	2	20
Chromium	200.0	196.0	97	79-120	2	20
Cobalt	500.0	481.0	96	80-120	2	20
Copper	250.0	244.0	98	80-120	3	20
Lead	100.0	93.80	94	49-155	2	34
Molybdenum	400.0	413.0	100	73-120	3	20
Nickel	500.0	479.0	95	74-120	2	20
Selenium	100.0	102.0	98	44-156	0	42
Silver	50.00	50.70	101	72-124	2	20
Thallium	100.0	93.60	94	34-158	6	47
Vanadium	500.0	499.0	100	80-120	2	20
Zinc	500.0	479.0	96	79-123	3	20

RPD= Relative Percent Difference

32.0

Acton - Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

178544

☒ Standard TAT ☐ ~~RUSH TAT~~ ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ ~~72 hr. TAT~~ ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4195

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHg	8270C SVOCs	8081A Org-Cl Pest	8082 PCB	8310 PAHs	SM5550 Tannin+Lignin	6010A/7470A Metals	Temperature	Comments
									*1		*2				*3		
		MW 2.2-032805	3/28/05	1030	GW	GB	1	C	X								*1 Use Silica Gel cleanup
		MW 2.2-032805	3/28/05	1030	GW	GB	2	C		X							*2 Organochloride Pesticides
		MW 2.2-032805	3/28/05	1030	GW	GB	1	C			X						*3 Metals, dissolved Field Filtered
		MW 2.2-032805	3/28/05	1030	GW	GB	1	C				X					
		MW 2.2-032805	3/28/05	1030	GW	GB	1	C					X				
		MW 2.2 032805	3/28/05	1030	GW	P	1	C						X			
		MW 2.2 032805	3/28/05	1030	GW	P	1	HNO_3							X		
		Temperature Blank	3/28/05	—	W	P	1	C								X	one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/28/05	1356	Relinquished by:		
Received by: Mike Lubsie	3/28/05	1356	Received by:		
Relinquished by: Mike Lubsie	3/28/05	1455	Relinquished by:		
Received by: [illegible]	3/29/05	1150	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

Cooler Temp = 6°

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton - Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4197

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Hoglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHg	Requested Analysis: 8260B VOCs								Temperature Upon Cooler	Comments
		MW-2.1 032805-TB	3/28/05	0900	GW	V	6	HCL	X	X									
		MW-2.1 032805	3/28/05	0855	GW	V	18	HCL	X	X									MS/MSD
		MW-2.2 032805	3/28/05	1030	GW	V	6	HCL	X	X									
		MW-2.3 032805	3/28/05	1140	GW	V	6	HCL	X	X									
		MW-3.1 032805	3/28/05	1235	GW	V	6	HCL	X	X									
		~~MW- 03 05~~	~~3/ /05~~		~~GW~~	~~V~~		~~HCL~~	~~X~~	~~X~~									
		Temperature Blank			W	P	1	C										X	

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/28/05	1400	Relinquished by:		
Received by: Mike Lukovic	3/28/05	1700	Received by:		
Relinquished by: Mike Lukovic	3/28/05	1445	Relinquished by:		
Received by: [illegible]	3/29/05	1150	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

FILE COPY

16017.01/8

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Acton Mickelson Environmental
5175 Hillsdale Cir
El Dorado Hills, CA 95762

Date: 22-APR-05
Lab Job Number: 178560
Project ID: 16017.01
Location: Former GP Sawmill

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178560**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GP Sawmill**
Request Date:	**03/29/05**
Samples Received:	**03/29/05**

This hardcopy data package contains sample and QC results for four water samples, requested for the above referenced project on 03/29/05. The samples were received intact and cool, but several coolers were received above 6 degrees C.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Pesticides (EPA 8081A):
No analytical problems were encountered.

PCBs (EPA 8082):
High surrogate recoveries were observed for decachlorobiphenyl in a number of samples; the corresponding TCMX surrogate recoveries were within limits. No other analytical problems were encountered.

Polynuclear Aromatics by HPLC (EPA 8310):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Tannins & Lignins (SMWW 5550):
North Coast Laboratories, Ltd. in Arcata, CA performed the analysis. Please see the North Coast Laboratories, Ltd. case narrative.

#
46.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100594
Units:	ug/L	Sampled:	03/28/05
Diln Fac:	1.000	Received:	03/29/05

Field ID:	MW2.1-032805	Lab ID:	178560-001
Type:	SAMPLE	Analyzed:	03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	63-141
Bromofluorobenzene (FID)	100	79-139

Field ID:	MW2.3-032805	Lab ID:	178560-002
Type:	SAMPLE	Analyzed:	03/30/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	63-141
Bromofluorobenzene (FID)	103	79-139

Field ID:	MW3.1-032805	Lab ID:	178560-003
Type:	SAMPLE	Analyzed:	03/30/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	63-141
Bromofluorobenzene (FID)	108	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100594
Units:	ug/L	Sampled:	03/28/05
Diln Fac:	1.000	Received:	03/29/05

Field ID:	MW2.1-032805-TB	Lab ID:	178560-004
Type:	SAMPLE	Analyzed:	03/30/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	63-141
Bromofluorobenzene (FID)	94	79-139

Type:	BLANK	Analyzed:	03/29/05
Lab ID:	QC288178		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	63-141
Bromofluorobenzene (FID)	90	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288179	Batch#:	100594
Matrix:	Water	Analyzed:	03/29/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,021	101	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	63-141
Bromofluorobenzene (FID)	104	79-139

3.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW2.1-032805	Batch#:	100594
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/30/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288199

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	22.23	2,000	1,966	97	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	139	63-141
Bromofluorobenzene (FID)	115	79-139

Type: MSD Lab ID: QC288200

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,907	94	80-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	140	63-141
Bromofluorobenzene (FID)	118	79-139

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/28/05
Units:	ug/L	Received:	03/29/05
Diln Fac:	1.000	Prepared:	04/08/05
Batch#:	100998	Analyzed:	04/12/05

Field ID: MW2.1-032805 Lab ID: 178560-001
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	106	55-143

Field ID: MW2.3-032805 Lab ID: 178560-002
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	104	55-143

Field ID: MW3.1-032805 Lab ID: 178560-003
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	102	55-143

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC289781

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	116	55-143

ND= Not Detected
RL= Reporting Limit

37.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289782	Batch#:	100998
Matrix:	Water	Prepared:	04/08/05
Units:	ug/L	Analyzed:	04/12/05

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,156	86	50-133

Surrogate	%REC	Limits
Hexacosane	92	55-143

38.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW2.1-032805	Batch#:	100998
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/08/05
Diln Fac:	1.000	Analyzed:	04/13/05

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC289783

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<20.61	2,500	2,259	90	42-127

Surrogate	%REC	Limits
Hexacosane	95	55-143

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC289784

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,482	99	42-127	9	45

Surrogate	%REC	Limits
Hexacosane	106	55-143

RPD= Relative Percent Difference

39.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.1-032805	Batch#:	100675
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	2.7	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.1-032805	Batch#:	100675
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	111	80-124

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.3-032805	Batch#:	100675
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	1.3	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.3-032805	Batch#:	100675
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	114	80-124

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.1-032805	Batch#:	100675
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	2.7	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	1.3	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	0.8	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	1.4	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	2.1	0.5

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.1-032805	Batch#:	100675
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	115	80-124

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.1-032805-TB	Batch#:	100675
Lab ID:	178560-004	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.1-032805-TB	Batch#:	100675
Lab ID:	178560-004	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	115	80-124

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288483	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.59	106	75-121
Benzene	25.00	25.54	102	80-120
Trichloroethene	25.00	25.23	101	78-120
Toluene	25.00	25.65	103	80-120
Chlorobenzene	25.00	25.41	102	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	104	80-124

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288484	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288484	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-124

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288485	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288485	Batch#:	100675
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	112	80-124

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW2.1-032805	Batch#:	100675
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288507

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.08940	25.00	24.83	99	70-124
Benzene	0.2262	25.00	24.14	96	79-120
Trichloroethene	<0.08663	25.00	23.73	95	71-120
Toluene	2.713	25.00	26.56	95	77-120
Chlorobenzene	<0.04954	25.00	24.12	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	100	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	109	80-124

Type: MSD Lab ID: QC288508

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	26.01	104	70-124	5	20
Benzene	25.00	24.75	98	79-120	2	20
Trichloroethene	25.00	24.08	96	71-120	1	20
Toluene	25.00	26.91	97	77-120	1	20
Chlorobenzene	25.00	24.83	99	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	100	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	108	80-124

RPD= Relative Percent Difference

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.1-032805	Batch#:	100750
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/04/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.1-032805	Batch#:	100750
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/04/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	65	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	72	38-120
Nitrobenzene-d5	72	47-120
2-Fluorobiphenyl	81	44-120
Terphenyl-d14	50	16-120

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.3-032805	Batch#:	100750
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/07/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.3-032805	Batch#:	100750
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/07/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	82	41-120
Phenol-d5	75	41-120
2,4,6-Tribromophenol	82	38-120
Nitrobenzene-d5	70	47-120
2-Fluorobiphenyl	74	44-120
Terphenyl-d14	73	16-120

ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.1-032805	Batch#:	100750
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/07/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.1-032805	Batch#:	100750
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/07/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	75	41-120
Phenol-d5	70	41-120
2,4,6-Tribromophenol	82	38-120
Nitrobenzene-d5	63	47-120
2-Fluorobiphenyl	68	44-120
Terphenyl-d14	68	16-120

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288788	Batch#:	100750
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/04/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288788	Batch#:	100750
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/04/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	68	41-120
Phenol-d5	64	41-120
2,4,6-Tribromophenol	70	38-120
Nitrobenzene-d5	75	47-120
2-Fluorobiphenyl	86	44-120
Terphenyl-d14	73	16-120

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288789	Batch#:	100750
Matrix:	Water	Prepared:	04/01/05
Units:	ug/L	Analyzed:	04/04/05

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	60.35	60	43-120
2-Chlorophenol	100.0	70.35	70	51-120
1,4-Dichlorobenzene	50.00	33.80	68	36-120
N-Nitroso-di-n-propylamine	50.00	33.33	67	45-120
1,2,4-Trichlorobenzene	50.00	38.98	78	38-120
4-Chloro-3-methylphenol	100.0	71.49	71	48-120
Acenaphthene	50.00	39.61	79	43-120
4-Nitrophenol	100.0	74.33	74	43-120
2,4-Dinitrotoluene	50.00	41.55	83	46-120
Pentachlorophenol	100.0	84.12	84	35-120
Pyrene	50.00	40.14	80	38-120

Surrogate	%REC	Limits
2-Fluorophenol	70	41-120
Phenol-d5	63	41-120
2,4,6-Tribromophenol	78	38-120
Nitrobenzene-d5	78	47-120
2-Fluorobiphenyl	79	44-120
Terphenyl-d14	77	16-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW2.1-032805	Batch#:	100750
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/01/05
Diln Fac:	1.000	Analyzed:	04/04/05

Type: MS Lab ID: QC288790

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<1.451	94.34	59.26	63	44-120
2-Chlorophenol	<1.584	94.34	68.57	73	51-120
1,4-Dichlorobenzene	<0.5176	47.17	30.70	65	39-120
N-Nitroso-di-n-propylamine	<0.7803	47.17	33.89	72	44-120
1,2,4-Trichlorobenzene	<0.5232	47.17	35.94	76	41-120
4-Chloro-3-methylphenol	<1.690	94.34	71.36	76	50-120
Acenaphthene	<0.7295	47.17	38.84	82	47-120
4-Nitrophenol	<1.817	94.34	69.88	74	38-120
2,4-Dinitrotoluene	<0.9063	47.17	40.55	86	33-120
Pentachlorophenol	<1.841	94.34	82.05	87	25-148
Pyrene	<0.8044	47.17	38.96	83	46-120

Surrogate	%REC	Limits
2-Fluorophenol	72	41-120
Phenol-d5	66	41-120
2,4,6-Tribromophenol	80	38-120
Nitrobenzene-d5	82	47-120
2-Fluorobiphenyl	80	44-120
Terphenyl-d14	66	16-120

Type: MSD Lab ID: QC288791

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	94.34	57.39	61	44-120	3	28
2-Chlorophenol	94.34	67.71	72	51-120	1	24
1,4-Dichlorobenzene	47.17	31.37	66	39-120	2	29
N-Nitroso-di-n-propylamine	47.17	32.57	69	44-120	4	25
1,2,4-Trichlorobenzene	47.17	35.61	75	41-120	1	24
4-Chloro-3-methylphenol	94.34	65.71	70	50-120	8	23
Acenaphthene	47.17	37.18	79	47-120	4	23
4-Nitrophenol	94.34	72.39	77	38-120	4	27
2,4-Dinitrotoluene	47.17	38.20	81	33-120	6	22
Pentachlorophenol	94.34	80.40	85	25-148	2	25
Pyrene	47.17	37.67	80	46-120	3	23

Surrogate	%REC	Limits
2-Fluorophenol	70	41-120
Phenol-d5	63	41-120
2,4,6-Tribromophenol	77	38-120
Nitrobenzene-d5	77	47-120
2-Fluorobiphenyl	77	44-120
Terphenyl-d14	69	16-120

RPD= Relative Percent Difference

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW2.1-032805	Batch#:	100705
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	03/31/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND #	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND #	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	117	44-120
Decachlorobiphenyl	82	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW2.3-032805	Batch#:	100705
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	03/31/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	103	44-120
Decachlorobiphenyl	82	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.1-032805	Batch#:	100705
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	03/31/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	63	44-120
Decachlorobiphenyl	73	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

24.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288614	Batch#:	100705
Matrix:	Water	Prepared:	03/31/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND #	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	80	44-120
Decachlorobiphenyl	99	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

25.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288615	Batch#:	100705
Matrix:	Water	Prepared:	03/31/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.2063	103	61-140
Heptachlor	0.2000	0.2248	112	53-143
Aldrin	0.2000	0.2016	101	60-120
Dieldrin	0.4000	0.4065	102	57-127
Endrin	0.4000	0.4079 #	102	59-136
4,4'-DDT	0.4000	0.5026 #	126	55-149

Surrogate	%REC	Limits
TCMX	88	44-120
Decachlorobiphenyl	96	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW2.1-032805	Batch#:	100705
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	03/31/05
Diln Fac:	1.000	Analyzed:	04/08/05

Type: MS Lab ID: QC288616

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<0.008411	0.1905	0.1812	95	52-144
Heptachlor	<0.003450	0.1905	0.2083	109	53-138
Aldrin	<0.002899	0.1905	0.1816	95	45-120
Dieldrin	<0.01657	0.3810	0.3621	95	55-133
Endrin	<0.01850	0.3810	0.3655 #	96	60-130
4,4'-DDT	<0.007855	0.3810	0.4436 #	116	42-144

Surrogate	%REC	Limits
TCMX	87	44-120
Decachlorobiphenyl	80	50-128

Type: MSD Lab ID: QC288617

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.1905	0.1548	81	52-144	16	37
Heptachlor	0.1905	0.1689	89	53-138	21	38
Aldrin	0.1905	0.1539	81	45-120	17	35
Dieldrin	0.3810	0.3156	83	55-133	14	35
Endrin	0.3810	0.3143 #	83	60-130	15	35
4,4'-DDT	0.3810	0.3824 #	100	42-144	15	41

Surrogate	%REC	Limits
TCMX	74	44-120
Decachlorobiphenyl	75	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
RPD= Relative Percent Difference

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Sampled:	03/28/05
Units:	ug/L	Received:	03/29/05
Diln Fac:	1.000	Prepared:	04/02/05
Batch#:	100767		

Field ID:	MW2.1-032805	Analyzed:	04/04/05
Type:	SAMPLE	Cleanup Method:	EPA 3665A
Lab ID:	178560-001		

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	110	52-124
Decachlorobiphenyl	128 *	18-120

Field ID:	MW2.3-032805	Analyzed:	04/05/05
Type:	SAMPLE	Cleanup Method:	EPA 3665A
Lab ID:	178560-002		

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	109	52-124
Decachlorobiphenyl	132 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Sampled:	03/28/05
Units:	ug/L	Received:	03/29/05
Diln Fac:	1.000	Prepared:	04/02/05
Batch#:	100767		

Field ID:	MW3.1-032805	Analyzed:	04/05/05
Type:	SAMPLE	Cleanup Method:	EPA 3665A
Lab ID:	178560-003		

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	114	52-124
Decachlorobiphenyl	137 *	18-120

Type:	BLANK	Analyzed:	04/04/05
Lab ID:	QC288869	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	130 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288870	Batch#:	100767
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/04/05

Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1242	5.000	7.180	144	67-148

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	135 *	18-120

*= Value outside of QC limits; see narrative

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Field ID:	MW2.1-032805	Batch#:	100767
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: MS
Lab ID: QC288871
Cleanup Method: EPA 3665A

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1242	<0.2783	4.717	5.939	126	46-170

Surrogate	%REC	Limits
TCMX	106	52-124
Decachlorobiphenyl	127 *	18-120

Type: MSD
Lab ID: QC288872
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1242	4.717	6.272	133	46-170	5	35

Surrogate	%REC	Limits
TCMX	110	52-124
Decachlorobiphenyl	138 *	18-120

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

15.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW2.1-032805	Batch#:	100768
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	0.94
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.94
Fluorene	ND	0.19
Phenanthrene	ND	0.09
Anthracene	ND	0.09
Fluoranthene	ND	0.19
Pyrene	ND	0.09
Benzo(a)anthracene	ND	0.09
Chrysene	ND	0.09
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.09
Benzo(a)pyrene	ND	0.09
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.09

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	80	58-132
1-Methylnaphthalene (F)	80	56-135

ND= Not Detected
RL= Reporting Limit

40.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW2.3-032805	Batch#:	100768
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Naphthalene	ND	0.94
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.94
Fluorene	ND	0.19
Phenanthrene	ND	0.09
Anthracene	ND	0.09
Fluoranthene	ND	0.19
Pyrene	ND	0.09
Benzo(a)anthracene	ND	0.09
Chrysene	ND	0.09
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.09
Benzo(a)pyrene	ND	0.09
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.09

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	102	58-132
1-Methylnaphthalene (F)	96	56-135

ND= Not Detected
RL= Reporting Limit

41.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.1-032805	Batch#:	100768
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	0.94
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.94
Fluorene	ND	0.19
Phenanthrene	ND	0.09
Anthracene	ND	0.09
Fluoranthene	ND	0.19
Pyrene	ND	0.09
Benzo(a)anthracene	ND	0.09
Chrysene	ND	0.09
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.09
Benzo(a)pyrene	ND	0.09
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.09

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	97	58-132
1-Methylnaphthalene (F)	97	56-135

ND= Not Detected
RL= Reporting Limit

42.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288873	Batch#:	100768
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	97	58-132
1-Methylnaphthalene (F)	97	56-135

ND= Not Detected
RL= Reporting Limit

43.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288874	Batch#:	100768
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Spiked	Result	%REC	Limits
Naphthalene	10.00	10.05	101	67-120
Acenaphthylene	20.00	21.15	106	70-120
Acenaphthene	10.00	10.29	103	66-120
Fluorene	2.000	2.124	106	69-120
Phenanthrene	1.000	1.025	102	63-120
Anthracene	1.000	1.002	100	63-120
Benzo(k)fluoranthene	1.000	1.049	105	65-124
Indeno(1,2,3-cd)pyrene	1.000	1.115	112	62-123

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	94	58-132
1-Methylnaphthalene (F)	93	56-135

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW2.1-032805	Batch#:	100768
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/12/05

Type: MS Lab ID: QC288875

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<0.1505	9.434	8.796	93	42-122
Acenaphthylene	<0.3462	18.87	18.06	96	51-126
Acenaphthene	<0.3395	9.434	8.976	95	41-156
Fluorene	<0.04858	1.887	1.618	86	39-150
Phenanthrene	<0.008094	0.9434	0.9181	97	25-205
Anthracene	<0.007242	0.9434	0.9069	96	56-151
Benzo(k)fluoranthene	<0.004107	0.9434	0.8991	95	18-146
Indeno(1,2,3-cd)pyrene	<0.06134	0.9434	0.9372	99	55-159

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	87	58-132
1-Methylnaphthalene (F)	87	56-135

Type: MSD Lab ID: QC288876

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	9.434	8.435	89	42-122	4	36
Acenaphthylene	18.87	17.42	92	51-126	4	34
Acenaphthene	9.434	9.681	103	41-156	8	38
Fluorene	1.887	1.227	65	39-150	27	35
Phenanthrene	0.9434	0.8794	93	25-205	4	33
Anthracene	0.9434	0.8613	91	56-151	5	34
Benzo(k)fluoranthene	0.9434	0.8774	93	18-146	2	34
Indeno(1,2,3-cd)pyrene	0.9434	0.8663	92	55-159	8	33

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	86	58-132
1-Methylnaphthalene (F)	87	56-135

RPD= Relative Percent Difference

45.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178560	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GP Sawmill
Field ID:	MW2.1-032805	Diln Fac:	1.000
Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	18	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100836	04/05/05	04/05/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178560	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GP Sawmill
Field ID:	MW2.3-032805	Diln Fac:	1.000
Lab ID:	178560-002	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	14	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100836	04/05/05	04/05/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

29.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178560	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GP Sawmill
Field ID:	MW3.1-032805	Diln Fac:	1.000
Lab ID:	178560-003	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	31	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100836	04/05/05	04/05/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	350	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

30.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	100836
Lab ID:	QC289136	Prepared:	04/05/05
Matrix:	Water	Analyzed:	04/05/05
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100836
Matrix:	Water	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC289137	5.000	5.290	106	80-120		
BSD	QC289138	5.000	5.280	106	80-120	0	20

RPD= Relative Percent Difference

33.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100836
Field ID:	MW2.1-032805	Sampled:	03/28/05
MSS Lab ID:	178560-001	Received:	03/29/05
Matrix:	Filtrate	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC289148	<0.07957	5.000	5.000	100	80-120		
MSD	QC289149		5.000	5.260	105	80-120	5	20

RPD= Relative Percent Difference

34.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289937	Batch#:	101041
Matrix:	Filtrate	Prepared:	04/11/05
Units:	ug/L	Analyzed:	04/11/05

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

32.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	101041
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: BS Lab ID: QC289938

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	516.0	103	78-120
Arsenic	100.0	104.0	104	74-132
Barium	2,000	1,980	99	80-120
Beryllium	50.00	52.50	105	80-120
Cadmium	50.00	50.80	102	80-120
Chromium	200.0	201.0	101	80-120
Cobalt	500.0	496.0	99	80-120
Copper	250.0	251.0	100	80-120
Lead	100.0	97.10	97	66-138
Molybdenum	400.0	408.0	102	80-120
Nickel	500.0	497.0	99	80-120
Selenium	100.0	98.00	98	58-142
Silver	50.00	52.40	105	80-120
Thallium	100.0	94.30	94	57-144
Vanadium	500.0	511.0	102	80-120
Zinc	500.0	496.0	99	80-120

Type: BSD Lab ID: QC289939

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	514.0	103	78-120	0	20
Arsenic	100.0	106.0	106	74-132	2	22
Barium	2,000	1,960	98	80-120	1	20
Beryllium	50.00	52.10	104	80-120	1	20
Cadmium	50.00	50.00	100	80-120	2	20
Chromium	200.0	198.0	99	80-120	2	20
Cobalt	500.0	491.0	98	80-120	1	20
Copper	250.0	248.0	99	80-120	1	20
Lead	100.0	95.30	95	66-138	2	25
Molybdenum	400.0	416.0	104	80-120	2	20
Nickel	500.0	492.0	98	80-120	1	20
Selenium	100.0	101.0	101	58-142	3	31
Silver	50.00	50.90	102	80-120	3	20
Thallium	100.0	96.80	97	57-144	3	30
Vanadium	500.0	506.0	101	80-120	1	20
Zinc	500.0	491.0	98	80-120	1	20

RPD= Relative Percent Difference

35.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178560	Location:	Former GP Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Field ID:	MW2.1-032805	Batch#:	101041
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: MS Lab ID: QC289940

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<3.725	500.0	514.0	103	68-127
Arsenic	<2.298	100.0	105.0	105	63-151
Barium	18.20	2,000	1,980	98	79-120
Beryllium	<0.2495	50.00	51.90	104	80-120
Cadmium	<0.3394	50.00	49.50	99	76-123
Chromium	1.970	200.0	200.0	99	79-120
Cobalt	1.880	500.0	492.0	98	80-120
Copper	<3.052	250.0	251.0	100	80-120
Lead	<1.086	100.0	96.00	96	49-155
Molybdenum	12.20	400.0	426.0	103	73-120
Nickel	2.030	500.0	489.0	97	74-120
Selenium	4.170	100.0	102.0	98	44-156
Silver	<1.306	50.00	49.50	99	72-124
Thallium	<3.479	100.0	99.20	99	34-158
Vanadium	1.330	500.0	510.0	102	80-120
Zinc	<4.869	500.0	492.0	98	79-123

Type: MSD Lab ID: QC289941

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	508.0	102	68-127	1	20
Arsenic	100.0	106.0	106	63-151	1	35
Barium	2,000	1,920	95	79-120	3	20
Beryllium	50.00	50.40	101	80-120	3	20
Cadmium	50.00	48.50	97	76-123	2	20
Chromium	200.0	196.0	97	79-120	2	20
Cobalt	500.0	481.0	96	80-120	2	20
Copper	250.0	244.0	98	80-120	3	20
Lead	100.0	93.80	94	49-155	2	34
Molybdenum	400.0	413.0	100	73-120	3	20
Nickel	500.0	479.0	95	74-120	2	20
Selenium	100.0	102.0	98	44-156	0	42
Silver	50.00	50.70	101	72-124	2	20
Thallium	100.0	93.60	94	34-158	6	47
Vanadium	500.0	499.0	100	80-120	2	20
Zinc	500.0	479.0	96	79-123	3	20

RPD= Relative Percent Difference

36.0

178560

1 of 3 coolers

Acton • Mickelson • Environmental, Inc.

Page 1 of 1 | Chain of Custody N° 4201

Chain of Custody and Analysis Request Form

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Geotracker Global ID _____

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd+TPHo	8270C SVOC's	8081A Org-Chl Pest	8082 PCB	8310 PAHs	SM5550 Tannin+Lignin	6010A/7470A Metals	Temperature				Comments
									*1		*2				*3					
		MW 2.1-032805	3/28/05	0855	GW	GB	3	C	X											*1 Use Silica Gel Cleanup
		MW 2.1-032805	3/28/05	0855	GW	GB	6	C		X										*2 Organochloride Pesticides
		MW 2.1-032805	3/28/05	0855	GW	GB	3	C			X									*3 Metals, dissolved Field Filtered
		MW 2.1-032805	3/28/05	0855	GW	GB	3	C				X								*4 Run MS/MSD this sample
		MW 2.1-032805	3/28/05	0855	GW	GB	3	C					X							
		MW 2.1-032805	3/28/05	0855	GW	P	3	C						X						
		MW 2.1-032805	3/28/05	0855	GW	P	3	HN							X					
		Temperature Blank	3/28/05	~~0855~~	GW	P	1	C								X				one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/28/05	1354	Relinquished by:		
Received by: Mike Lukrie	3/28/05	1356	Received by:		
Relinquished by: Mike Lukrie			Relinquished by:		
Received by: [illegible]	3/29/05	1150	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) [signature] (Signature)

Cooler Temp = 4.5°, 8°, 10°, 10°, 7°, 10.7°

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

178560

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody N° 4202

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHo	8270C SVOCs	8081A Org-Chl Pest	8082 PCB	8310 PAHs	SM5550 Tannin+Lignin	6010A/7470A Metals	Temperature			Comments
									*1		*2				*3				
		MW 2.3-032805	3/28/05	1140	GW	GB	1	C	X										*1 use Silica Gel cleanup
		MW 2.3-032805		1140	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 2.3-032805		1140	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 2.3-032805		1140	GW	GB	1	C				X							
		MW 2.3-032805		1140	GW	GB	1	C					X						
		MW 2.3-032805		1140	GW	P	1	C						X					
		MW 2.3-032805		1140	GW	P	1	HNO3							X				
		Temperature Blank	3/28/05	—	~~GW~~ W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/28/05	1356	Relinquished by:		
Received by: Mike Lukens	3/28/05	1356	Received by:		
Relinquished by: Mike Lukens	3/28/05	1455	Relinquished by:		
Received by: [signature]	3/29/05	1150	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

178560

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4203

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd+TPHO *1	8270C SVOC's	8081A Org-Chl Pest *2	8082 PCB	8310 PAH's	SM5550 Tannin+Lignin	6010A/7470A Metals *3	Temperature			Comments
		MW 3.1-032805	3/28/05	1235	GW	GB	1	C	X										*1 use Silica-Gel Cleanup
		MW 3.1-032805	3/28/05	1235	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 3.1-032805	3/28/05	1235	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 3.1-032805	3/28/05	1235	GW	GB	1	C				X							
		MW 3.1-032805	3/28/05	1235	GW	GB	1	C					X						
		MW3.1-032805	3/28/05	1235	GW	P	1	C						X					
		MW 3.1-032805	3/28/05	1235	GW	P	1	HNO_3							X				
		Temperature Blank	3/28/05	—	W	P	1	C								X			One per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/28/05	1356	Relinquished by:		
Received by: Mike Lukri	3/28/05	1356	Received by:		
Relinquished by: Mike Lukri	3/28/05	1445	Relinquished by:		
Received by: [illegible]	3/29/05	1150	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01
Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

178560

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4197

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Haglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHg	8260B VOCs								Temperature upon receipt	Comments
	-4	MW-2.1 032805-TB	3/28/05	0900	GW	V	6	HCL	X	X									
	-1	MW-2.1 032805	3/28/05	0855	GW	V	18	HCL	X	X									MS/MSD
		MW-2.2 032805	3/28/05	1030	GW	V	6	HCL	X	X									
	-2	MW-2.3 032805	3/28/05	1140	GW	V	6	HCL	X	X									
	-3	MW-3.1 032805	3/28/05	1235	GW	V	6	HCL	X	X									
		~~MW- 03 05~~	~~3/ /05~~		~~GW~~	~~V~~		~~HCL~~	~~X~~	~~X~~									
		Temperature Blank			W	P	1	C										X	

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/28/05	1400	Relinquished by:		
Received by: Mike Lukovic	3/28/05	1400	Received by:		
Relinquished by: Mike Lukovic	3/28/05	1445	Relinquished by:		
Received by: [illegible]	3/29/05	1150	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01
Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

0503658

Project Number: 178560
Site: Former GP Sawmill

Subcontract Laboratory:
North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521
(707) 822-4649
ATTN: Loretta

Results due: Report Level: II

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
MW2.1-032805	03/28	Water	TANNIN/LIGNIN	178560-001	MS/MSD
MW2.3-032805	03/28	Water	TANNIN/LIGNIN	178560-002	
MW3.1-032805	03/28	Water	TANNIN/LIGNIN	178560-003	

Cooler Temp= 5.8°C
CA O/N

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date/Time: 3/29/05 1645	Date/Time: 3/30/05 1500

Signature on this form constitutes a firm Purchase Order for the services requested above.

NORTH COAST LABORATORIES LTD.

April 05, 2005

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Attn: Lisa Brooker

RE: 178560, Former GP Sawmill

Order No.: 0503658
Invoice No.: 49133
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW2.1-032805
02A	MW2.3-032805
03A	MW3.1-032805

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road ◦ Arcata California 95521-9202 ◦ 707-822-4649 ◦ FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *04-Apr-05*

CLIENT: Curtis & Tompkins, Ltd.
Project: 178560, Former GP Sawmill
Lab Order: 0503658

CASE NARRATIVE

Tannin and Lignin:
Individual chemicals are not differentiated by this method. Analytical results represent substances which reduce Folin phenol reagent.

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831
Printed on Recycled Paper

Date: 04-Apr-05
WorkOrder: 0503658

ANALYTICAL REPORT

Client Sample ID: MW2.1-032805 **Received:** 3/30/05 **Collected:** 3/28/05 0:00
Lab ID: 0503658-01A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.0	0.10	mg/L	1.0		3/31/05

Client Sample ID: MW2.3-032805 **Received:** 3/30/05 **Collected:** 3/28/05 0:00
Lab ID: 0503658-02A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		3/31/05

Client Sample ID: MW3.1-032805 **Received:** 3/30/05 **Collected:** 3/28/05 0:00
Lab ID: 0503658-03A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		3/31/05

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831
Printed on Recycled Paper

North Coast Laboratories, Ltd.

Date: 05-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0503658
Project: 178560, Former GP Sawmill

QC SUMMARY REPORT

Method Blank

Sample ID: **MBLK** Batch ID: **R34136** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **3/31/05** Prep Date:

Client ID: Run ID: **WC_050331A** SeqNo: **493978**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	ND	0.10									

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 05-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0503658
Project: 178560, Former GP Sawmill

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: **0503658-01A** Batch ID: **R34136** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **3/31/05** Prep Date:
Client ID: **MW2.1-032805** Run ID: **WC_050331A** SeqNo: **493987**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	2.997	0.10	1.00	2.01	98.7%	87	121	0			

Sample ID: **0503658-01A** Batch ID: **R34136** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **3/31/05** Prep Date:
Client ID: **MW2.1-032805** Run ID: **WC_050331A** SeqNo: **493988**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	2.970	0.10	1.00	2.01	96.1%	87	121	3.00	0.894%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 05-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0503658
Project: 178560, Former GP Sawmill

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS** Batch ID: **R34136** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **3/31/05** Prep Date:
Client ID: Run ID: **WC_050331A** SeqNo: **493979**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.056	0.10	1.00	0	106%	87	121	0			

Sample ID: **LCSD** Batch ID: **R34136** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **3/31/05** Prep Date:
Client ID: Run ID: **WC_050331A** SeqNo: **493980**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.042	0.10	1.00	0	104%	87	121	1.06	1.27%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

FILE COPY 16017.01/8

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Acton Mickelson Environmental
5175 Hillsdale Cir
El Dorado Hills, CA 95762

Date: 25-APR-05
Lab Job Number: 178601
Project ID: 16017.01
Location: Former GA-Pacific Sawmill

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178601**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GA-Pacific Sawmill**
Request Date:	**03/30/05**
Samples Received:	**03/30/05**

This hardcopy data package contains sample and QC results for thirteen water samples, requested for the above referenced project on 03/30/05. The samples were received intact and cool, but several coolers were received above 6 degrees C and others were received without a temperature blank. Several coolers arrived with broken containers in them. Please see the comments on the chains of custody. Every effort was made to provide results for the analyses requested using the remaining sample amount.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
High surrogate recoveries were observed for bromofluorobenzene in MW5.5-032905 (lab # 178601-010) and MW-5.4-032905 (lab # 178601-013); no target analytes were detected at or above the RL associated with this surrogate. No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
Low surrogate recoveries were observed for nitrobenzene-d5, 2-fluorobiphenyl, and phenol-d5 in MW10.4-032805 (lab # 178601-011). This sample was relogged as 178601-014 and was prepared outside of hold time; affected data was qualified with "b". Surrogate recoveries in the re-extracted sample were within criteria. Low surrogate recovery was observed for phenol-d5 in MW10.4-032805 (lab # 178601-011). A low surrogate recovery was observed for nitrobenzene-d5 in MW5.5-032905 (lab # 178601-010); which is within criteria as per the EPA Functional Guidelines. Low surrogate recovery was observed for 2-fluorobiphenyl in MW10.4-032805 (lab # 178601-011). No other analytical problems were encountered.

Pesticides (EPA 8081A):
High surrogate recoveries were observed for decachlorobiphenyl and TCMX in many samples; no target analytes were detected in these samples. No other analytical problems were encountered.

PCBs (EPA 8082):
High surrogate recoveries were observed for decachlorobiphenyl and TCMX in many samples; no target analytes were detected in these samples. No other analytical problems were encountered.

#

91.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178601**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GA-Pacific Sawmill**
Request Date:	**03/30/05**
Samples Received:	**03/30/05**

Polynuclear Aromatics by HPLC (EPA 8310):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Tannins & Lignins (SMWW 5550):
North Coast Laboratories, Ltd. in Arcata, CA performed the analysis. Please see the North Coast Laboratories, Ltd. case narrative.

#

91.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100677
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Analyzed:	03/31/05

Field ID: MW3.2-032805 Lab ID: 178601-001
Type: SAMPLE Sampled: 03/28/05

Analyte	Result	RL
Gasoline C7-C12	56 H Y	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	85	63-141
Bromofluorobenzene (FID)	97	79-139

Field ID: MW-DUP1-032805 Lab ID: 178601-002
Type: SAMPLE Sampled: 03/28/05

Analyte	Result	RL
Gasoline C7-C12	58 H Y	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	63-141
Bromofluorobenzene (FID)	96	79-139

Field ID: MW3.3-032805 Lab ID: 178601-003
Type: SAMPLE Sampled: 03/28/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	63-141
Bromofluorobenzene (FID)	97	79-139

Field ID: MW3.5-032905 Lab ID: 178601-004
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	87	63-141
Bromofluorobenzene (FID)	98	79-139

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100677
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Analyzed:	03/31/05

Field ID: MW3.6-032905 Lab ID: 178601-005
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	95	79-139

Field ID: MW5.1-032905 Lab ID: 178601-006
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	93	79-139

Field ID: MW5.2-032905 Lab ID: 178601-007
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	95	79-139

Field ID: MW5.3-032905 Lab ID: 178601-008
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	94	79-139

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100677
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Analyzed:	03/31/05

Field ID: MWDUP2-032905 Lab ID: 178601-009
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	63-141
Bromofluorobenzene (FID)	95	79-139

Field ID: MW5.5-032905 Lab ID: 178601-010
Type: SAMPLE Sampled: 03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	85	63-141
Bromofluorobenzene (FID)	95	79-139

Field ID: MW10.4-032805 Lab ID: 178601-011
Type: SAMPLE Sampled: 03/28/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	83	63-141
Bromofluorobenzene (FID)	94	79-139

Field ID: MW-3.2-032805-TB Lab ID: 178601-012
Type: SAMPLE Sampled: 03/28/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	83	63-141
Bromofluorobenzene (FID)	93	79-139

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100677
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Analyzed:	03/31/05

Field ID:	MW-5.4-032905	Lab ID:	178601-013
Type:	SAMPLE	Sampled:	03/29/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	95	79-139

Type:	BLANK	Lab ID:	QC288489

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	87	63-141
Bromofluorobenzene (FID)	96	79-139

H= Heavier hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288491	Batch#:	100677
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,225	111	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	63-141
Bromofluorobenzene (FID)	99	79-139

3.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	100677
MSS Lab ID:	178608-002	Sampled:	03/30/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288557

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	35.81	2,000	2,116	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	111	63-141
Bromofluorobenzene (FID)	101	79-139

Type: MSD Lab ID: QC288558

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,101	103	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	63-141
Bromofluorobenzene (FID)	98	79-139

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.
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Total Extractable Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101062
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/11/05

Field ID:	MW3.2-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-001	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	110	55-143

Field ID:	MW-DUP1-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-002	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	103	55-143

Field ID:	MW3.3-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-003	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	81	55-143

Field ID:	MW3.5-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	110	55-143

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

73.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101062
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/11/05

Field ID:	MW3.6-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-005	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	107	55-143

Field ID:	MW5.1-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-006	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	310 Y	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	113	55-143

Field ID:	MW5.2-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-007	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	129	55-143

Field ID:	MW5.3-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-008	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	106	55-143

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

73.0

Curtis & Tompkins, Ltd.
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Total Extractable Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101062
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/11/05

Field ID:	MWDUP2-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-009	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	117	55-143

Field ID:	MW5.5-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-010	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	110	55-143

Field ID:	MW10.4-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178601-011	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	103	55-143

Type:	BLANK	Analyzed:	04/12/05
Lab ID:	QC290034	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	99	55-143

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

73.0

Curtis & Tompkins, Ltd.
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Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101062
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/12/05

Type: BS
Lab ID: QC290035
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,201	88	50-133

Surrogate	%REC	Limits
Hexacosane	92	55-143

Type: BSD
Lab ID: QC290036
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,324	93	50-133	5	40

Surrogate	%REC	Limits
Hexacosane	94	55-143

RPD= Relative Percent Difference

74.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.2-032805	Batch#:	100734
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	3.3	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	0.6	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	1.0	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	2.1	0.5

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.2-032805	Batch#:	100734
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	110	80-122
Toluene-d8	104	80-120
Bromofluorobenzene	101	80-124

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW-DUP1-032805	Batch#:	100734
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	3.4	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	0.5	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.9	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	2.1	0.5

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW-DUP1-032805	Batch#:	100734
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	108	80-122
Toluene-d8	98	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
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Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.3-032805	Batch#:	100685
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	7.0	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	0.8	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	5.4	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.9	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	1.6	0.5

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
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Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.3-032805	Batch#:	100685
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	104	80-120
1,2-Dichloroethane-d4	93	80-122
Toluene-d8	94	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.5-032905	Batch#:	100734
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.5	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.5-032905	Batch#:	100734
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	113	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.6-032905	Batch#:	100734
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.7	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.6-032905	Batch#:	100734
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	112	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-124

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.1-032905	Batch#:	100734
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	4.0	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	1.0	0.5
Trichloroethene	2.9	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.5	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.1-032905	Batch#:	100734
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	113	80-120
1,2-Dichloroethane-d4	116	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	97	80-124

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.2-032905	Batch#:	100868
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/06/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.2-032905	Batch#:	100868
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/06/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	113	80-122
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.3-032905	Batch#:	100796
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	1.0	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	1.0	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.9	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.3-032905	Batch#:	100796
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	3.9	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	105	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	124	80-124

ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MWDUP2-032905	Batch#:	100796
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	1.0	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	0.9	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.9	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MWDUP2-032905	Batch#:	100796
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	4.0	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	104	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	119	80-124

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.5-032905	Batch#:	100796
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.8	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.5-032905	Batch#:	100796
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	105	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	125 *	80-124

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW10.4-032805	Batch#:	100796
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	1.8	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW10.4-032805	Batch#:	100796
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	0.7	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	123	80-124

ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW-3.2-032805-TB	Batch#:	100796
Lab ID:	178601-012	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW-3.2-032805-TB	Batch#:	100796
Lab ID:	178601-012	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	120	80-124

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW-5.4-032905	Batch#:	100796
Lab ID:	178601-013	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.7	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW-5.4-032905	Batch#:	100796
Lab ID:	178601-013	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	104	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	125 *	80-124

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	100685
Units:	ug/L	Analyzed:	03/31/05
Diln Fac:	1.000		

Type: BS Lab ID: QC288523

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	48.90	98	75-121
Benzene	50.00	47.22	94	80-120
Trichloroethene	50.00	47.90	96	78-120
Toluene	50.00	45.68	91	80-120
Chlorobenzene	50.00	45.16	90	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	110	80-120
1,2-Dichloroethane-d4	114	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	100	80-124

Type: BSD Lab ID: QC288524

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	44.71	89	75-121	9	20
Benzene	50.00	44.61	89	80-120	6	20
Trichloroethene	50.00	44.17	88	78-120	8	20
Toluene	50.00	42.93	86	80-120	6	20
Chlorobenzene	50.00	43.92	88	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	114	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	99	80-124

RPD= Relative Percent Difference

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288525	Batch#:	100685
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288525	Batch#:	100685
Matrix:	Water	Analyzed:	03/31/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	113	80-120
1,2-Dichloroethane-d4	113	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	100	80-124

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	100734
Units:	ug/L	Analyzed:	04/01/05
Diln Fac:	1.000		

Type: BS Lab ID: QC288733

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.06	92	75-121
Benzene	25.00	21.40	86	80-120
Trichloroethene	25.00	22.90	92	78-120
Toluene	25.00	21.89	88	80-120
Chlorobenzene	25.00	22.51	90	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	92	80-122
Toluene-d8	97	80-120
Bromofluorobenzene	91	80-124

Type: BSD Lab ID: QC288734

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	20.66	83	75-121	11	20
Benzene	25.00	21.31	85	80-120	0	20
Trichloroethene	25.00	22.23	89	78-120	3	20
Toluene	25.00	21.60	86	80-120	1	20
Chlorobenzene	25.00	21.33	85	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	96	80-122
Toluene-d8	105	80-120
Bromofluorobenzene	98	80-124

RPD= Relative Percent Difference

24.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288735	Batch#:	100734
Matrix:	Water	Analyzed:	04/01/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288735	Batch#:	100734
Matrix:	Water	Analyzed:	04/01/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	94	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-124

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	100796
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Type: BS Lab ID: QC288970

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.22	93	75-121
Benzene	25.00	23.01	92	80-120
Trichloroethene	25.00	23.53	94	78-120
Toluene	25.00	23.51	94	80-120
Chlorobenzene	25.00	23.43	94	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	112	80-124

Type: BSD Lab ID: QC288971

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	24.57	98	75-121	6	20
Benzene	25.00	23.89	96	80-120	4	20
Trichloroethene	25.00	24.06	96	78-120	2	20
Toluene	25.00	24.21	97	80-120	3	20
Chlorobenzene	25.00	24.22	97	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	100	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	113	80-124

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288972	Batch#:	100796
Matrix:	Water	Analyzed:	04/04/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288972	Batch#:	100796
Matrix:	Water	Analyzed:	04/04/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	122	80-124

ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288973	Batch#:	100796
Matrix:	Water	Analyzed:	04/04/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288973	Batch#:	100796
Matrix:	Water	Analyzed:	04/04/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	124	80-124

ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	100868
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Type: BS Lab ID: QC289260

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.66	95	75-121
Benzene	25.00	22.92	92	80-120
Trichloroethene	25.00	24.15	97	78-120
Toluene	25.00	24.24	97	80-120
Chlorobenzene	25.00	24.35	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	91	80-122
Toluene-d8	98	80-120
Bromofluorobenzene	92	80-124

Type: BSD Lab ID: QC289261

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.24	93	75-121	2	20
Benzene	25.00	22.66	91	80-120	1	20
Trichloroethene	25.00	24.20	97	78-120	0	20
Toluene	25.00	24.50	98	80-120	1	20
Chlorobenzene	25.00	23.22	93	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-120
1,2-Dichloroethane-d4	91	80-122
Toluene-d8	105	80-120
Bromofluorobenzene	93	80-124

RPD= Relative Percent Difference

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289262	Batch#:	100868
Matrix:	Water	Analyzed:	04/05/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289262	Batch#:	100868
Matrix:	Water	Analyzed:	04/05/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-124

ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.2-032805	Batch#:	100817
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

75.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.2-032805	Batch#:	100817
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	63	41-120
Phenol-d5	62	41-120
2,4,6-Tribromophenol	75	38-120
Nitrobenzene-d5	56	47-120
2-Fluorobiphenyl	59	44-120
Terphenyl-d14	69	16-120

ND= Not Detected
RL= Reporting Limit

75.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW-DUP1-032805	Batch#:	100817
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

76.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW-DUP1-032805	Batch#:	100817
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	62	41-120
Phenol-d5	58	41-120
2,4,6-Tribromophenol	68	38-120
Nitrobenzene-d5	52	47-120
2-Fluorobiphenyl	54	44-120
Terphenyl-d14	61	16-120

ND= Not Detected
RL= Reporting Limit

76.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.3-032805	Batch#:	100817
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.7
Phenol	ND	9.7
bis(2-Chloroethyl)ether	ND	9.7
2-Chlorophenol	ND	9.7
1,3-Dichlorobenzene	ND	9.7
1,4-Dichlorobenzene	ND	9.7
Benzyl alcohol	ND	9.7
1,2-Dichlorobenzene	ND	9.7
2-Methylphenol	ND	9.7
bis(2-Chloroisopropyl) ether	ND	9.7
4-Methylphenol	ND	9.7
N-Nitroso-di-n-propylamine	ND	9.7
Hexachloroethane	ND	9.7
Nitrobenzene	ND	9.7
Isophorone	ND	9.7
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.7
Benzoic acid	ND	49
bis(2-Chloroethoxy)methane	ND	9.7
2,4-Dichlorophenol	ND	9.7
1,2,4-Trichlorobenzene	ND	9.7
Naphthalene	ND	9.7
4-Chloroaniline	ND	9.7
Hexachlorobutadiene	ND	9.7
4-Chloro-3-methylphenol	ND	9.7
2-Methylnaphthalene	ND	9.7
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.7
2,4,5-Trichlorophenol	ND	9.7
2-Chloronaphthalene	ND	9.7
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.7
Acenaphthylene	ND	9.7
2,6-Dinitrotoluene	ND	9.7
3-Nitroaniline	ND	19
Acenaphthene	ND	9.7
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.7
2,4-Dinitrotoluene	ND	9.7
Diethylphthalate	ND	9.7
Fluorene	ND	9.7
4-Chlorophenyl-phenylether	ND	9.7
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.7
Azobenzene	ND	9.7
4-Bromophenyl-phenylether	ND	9.7
Hexachlorobenzene	ND	9.7
Pentachlorophenol	ND	19
Phenanthrene	ND	9.7
Anthracene	ND	9.7
Di-n-butylphthalate	ND	9.7
Fluoranthene	ND	9.7
Pyrene	ND	9.7

ND= Not Detected
RL= Reporting Limit

77.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.3-032805	Batch#:	100817
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.7
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.7
Chrysene	ND	9.7
bis(2-Ethylhexyl)phthalate	ND	9.7
Di-n-octylphthalate	ND	9.7
Benzo(b)fluoranthene	ND	9.7
Benzo(k)fluoranthene	ND	9.7
Benzo(a)pyrene	ND	9.7
Indeno(1,2,3-cd)pyrene	ND	9.7
Dibenz(a,h)anthracene	ND	9.7
Benzo(g,h,i)perylene	ND	9.7

Surrogate	%REC	Limits
2-Fluorophenol	72	41-120
Phenol-d5	69	41-120
2,4,6-Tribromophenol	74	38-120
Nitrobenzene-d5	61	47-120
2-Fluorobiphenyl	65	44-120
Terphenyl-d14	63	16-120

ND= Not Detected
RL= Reporting Limit

77.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.5-032905	Batch#:	100817
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

78.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.5-032905	Batch#:	100817
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	72	41-120
Phenol-d5	69	41-120
2,4,6-Tribromophenol	75	38-120
Nitrobenzene-d5	64	47-120
2-Fluorobiphenyl	64	44-120
Terphenyl-d14	70	16-120

ND= Not Detected
RL= Reporting Limit

78.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.6-032905	Batch#:	100817
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.6
Phenol	ND	9.6
bis(2-Chloroethyl)ether	ND	9.6
2-Chlorophenol	ND	9.6
1,3-Dichlorobenzene	ND	9.6
1,4-Dichlorobenzene	ND	9.6
Benzyl alcohol	ND	9.6
1,2-Dichlorobenzene	ND	9.6
2-Methylphenol	ND	9.6
bis(2-Chloroisopropyl) ether	ND	9.6
4-Methylphenol	ND	9.6
N-Nitroso-di-n-propylamine	ND	9.6
Hexachloroethane	ND	9.6
Nitrobenzene	ND	9.6
Isophorone	ND	9.6
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.6
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.6
2,4-Dichlorophenol	ND	9.6
1,2,4-Trichlorobenzene	ND	9.6
Naphthalene	ND	9.6
4-Chloroaniline	ND	9.6
Hexachlorobutadiene	ND	9.6
4-Chloro-3-methylphenol	ND	9.6
2-Methylnaphthalene	ND	9.6
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.6
2,4,5-Trichlorophenol	ND	9.6
2-Chloronaphthalene	ND	9.6
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.6
Acenaphthylene	ND	9.6
2,6-Dinitrotoluene	ND	9.6
3-Nitroaniline	ND	19
Acenaphthene	ND	9.6
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.6
2,4-Dinitrotoluene	ND	9.6
Diethylphthalate	ND	9.6
Fluorene	ND	9.6
4-Chlorophenyl-phenylether	ND	9.6
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.6
Azobenzene	ND	9.6
4-Bromophenyl-phenylether	ND	9.6
Hexachlorobenzene	ND	9.6
Pentachlorophenol	ND	19
Phenanthrene	ND	9.6
Anthracene	ND	9.6
Di-n-butylphthalate	ND	9.6
Fluoranthene	ND	9.6
Pyrene	ND	9.6

ND= Not Detected
RL= Reporting Limit

79.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.6-032905	Batch#:	100817
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.6
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.6
Chrysene	ND	9.6
bis(2-Ethylhexyl)phthalate	ND	9.6
Di-n-octylphthalate	ND	9.6
Benzo(b)fluoranthene	ND	9.6
Benzo(k)fluoranthene	ND	9.6
Benzo(a)pyrene	ND	9.6
Indeno(1,2,3-cd)pyrene	ND	9.6
Dibenz(a,h)anthracene	ND	9.6
Benzo(g,h,i)perylene	ND	9.6

Surrogate	%REC	Limits
2-Fluorophenol	63	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	64	38-120
Nitrobenzene-d5	55	47-120
2-Fluorobiphenyl	56	44-120
Terphenyl-d14	43	16-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.1-032905	Batch#:	100817
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

80.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.1-032905	Batch#:	100817
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	66	41-120
Phenol-d5	64	41-120
2,4,6-Tribromophenol	72	38-120
Nitrobenzene-d5	57	47-120
2-Fluorobiphenyl	59	44-120
Terphenyl-d14	63	16-120

ND= Not Detected
RL= Reporting Limit

80.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.2-032905	Batch#:	100817
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

81.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.2-032905	Batch#:	100817
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	63	41-120
Phenol-d5	56	41-120
2,4,6-Tribromophenol	65	38-120
Nitrobenzene-d5	56	47-120
2-Fluorobiphenyl	56	44-120
Terphenyl-d14	68	16-120

ND= Not Detected
RL= Reporting Limit

81.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.3-032905	Batch#:	100817
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/11/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

82.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.3-032905	Batch#:	100817
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/11/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	68	41-120
Phenol-d5	60	41-120
2,4,6-Tribromophenol	69	38-120
Nitrobenzene-d5	57	47-120
2-Fluorobiphenyl	57	44-120
Terphenyl-d14	66	16-120

ND= Not Detected
RL= Reporting Limit

82.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MWDUP2-032905	Batch#:	100817
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/11/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

83.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MWDUP2-032905	Batch#:	100817
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/11/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	61	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	71	38-120
Nitrobenzene-d5	53	47-120
2-Fluorobiphenyl	53	44-120
Terphenyl-d14	74	16-120

ND= Not Detected
RL= Reporting Limit

83.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.5-032905	Batch#:	100817
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

84.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.5-032905	Batch#:	100817
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	58	41-120
Phenol-d5	51	41-120
2,4,6-Tribromophenol	70	38-120
Nitrobenzene-d5	46 *	47-120
2-Fluorobiphenyl	49	44-120
Terphenyl-d14	56	16-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

84.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.4-032805	Batch#:	100817
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

85.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.4-032805	Batch#:	100817
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Pyrene	ND	10
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	41	41-120
Phenol-d5	38 *	41-120
2,4,6-Tribromophenol	49	38-120
Nitrobenzene-d5	36 *	47-120
2-Fluorobiphenyl	35 *	44-120
Terphenyl-d14	51	16-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

85.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.4-032805 RE	Batch#:	101154
Lab ID:	178601-014	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/13/05
Diln Fac:	1.000	Analyzed:	04/15/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND b	10
Phenol	ND b	10
bis(2-Chloroethyl)ether	ND b	10
2-Chlorophenol	ND b	10
1,3-Dichlorobenzene	ND b	10
1,4-Dichlorobenzene	ND b	10
Benzyl alcohol	ND b	10
1,2-Dichlorobenzene	ND b	10
2-Methylphenol	ND b	10
bis(2-Chloroisopropyl) ether	ND b	10
4-Methylphenol	ND b	10
N-Nitroso-di-n-propylamine	ND b	10
Hexachloroethane	ND b	10
Nitrobenzene	ND b	10
Isophorone	ND b	10
2-Nitrophenol	ND b	20
2,4-Dimethylphenol	ND b	10
Benzoic acid	ND b	50
bis(2-Chloroethoxy)methane	ND b	10
2,4-Dichlorophenol	ND b	10
1,2,4-Trichlorobenzene	ND b	10
Naphthalene	ND b	10
4-Chloroaniline	ND b	10
Hexachlorobutadiene	ND b	10
4-Chloro-3-methylphenol	ND b	10
2-Methylnaphthalene	ND b	10
Hexachlorocyclopentadiene	ND b	20
2,4,6-Trichlorophenol	ND b	10
2,4,5-Trichlorophenol	ND b	10
2-Chloronaphthalene	ND b	10
2-Nitroaniline	ND b	20
Dimethylphthalate	ND b	10
Acenaphthylene	ND b	10
2,6-Dinitrotoluene	ND b	10
3-Nitroaniline	ND b	20
Acenaphthene	ND b	10
2,4-Dinitrophenol	ND b	20
4-Nitrophenol	ND b	20
Dibenzofuran	ND b	10
2,4-Dinitrotoluene	ND b	10
Diethylphthalate	ND b	10
Fluorene	ND b	10
4-Chlorophenyl-phenylether	ND b	10
4-Nitroaniline	ND b	20
4,6-Dinitro-2-methylphenol	ND b	20
N-Nitrosodiphenylamine	ND b	10
Azobenzene	ND b	10
4-Bromophenyl-phenylether	ND b	10
Hexachlorobenzene	ND b	10
Pentachlorophenol	ND b	20
Phenanthrene	ND b	10
Anthracene	ND b	10
Di-n-butylphthalate	ND b	10
Fluoranthene	ND b	10

b= See narrative
ND= Not Detected
RL= Reporting Limit

88.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.4-032805 RE	Batch#:	101154
Lab ID:	178601-014	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/13/05
Diln Fac:	1.000	Analyzed:	04/15/05

Analyte	Result	RL
Pyrene	ND b	10
Butylbenzylphthalate	ND b	10
3,3'-Dichlorobenzidine	ND b	20
Benzo(a)anthracene	ND b	10
Chrysene	ND b	10
bis(2-Ethylhexyl)phthalate	ND b	10
Di-n-octylphthalate	ND b	10
Benzo(b)fluoranthene	ND b	10
Benzo(k)fluoranthene	ND b	10
Benzo(a)pyrene	ND b	10
Indeno(1,2,3-cd)pyrene	ND b	10
Dibenz(a,h)anthracene	ND b	10
Benzo(g,h,i)perylene	ND b	10

Surrogate	%REC	Limits
2-Fluorophenol	91 b	41-120
Phenol-d5	81 b	41-120
2,4,6-Tribromophenol	99 b	38-120
Nitrobenzene-d5	82 b	47-120
2-Fluorobiphenyl	90 b	44-120
Terphenyl-d14	98 b	16-120

b= See narrative
ND= Not Detected
RL= Reporting Limit

88.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289064	Batch#:	100817
Matrix:	Water	Prepared:	04/04/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

86.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289064	Batch#:	100817
Matrix:	Water	Prepared:	04/04/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	69	41-120
Phenol-d5	64	41-120
2,4,6-Tribromophenol	64	38-120
Nitrobenzene-d5	57	47-120
2-Fluorobiphenyl	62	44-120
Terphenyl-d14	61	16-120

ND= Not Detected
RL= Reporting Limit

86.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	100817
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/08/05

Type: BS Lab ID: QC289065

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	71.74	72	43-120
2-Chlorophenol	100.0	75.84	76	51-120
1,4-Dichlorobenzene	50.00	32.47	65	36-120
N-Nitroso-di-n-propylamine	50.00	29.60	59	45-120
1,2,4-Trichlorobenzene	50.00	31.13	62	38-120
4-Chloro-3-methylphenol	100.0	71.23	71	48-120
Acenaphthene	50.00	34.24	68	43-120
4-Nitrophenol	100.0	60.79	61	43-120
2,4-Dinitrotoluene	50.00	36.14	72	46-120
Pentachlorophenol	100.0	73.94	74	35-120
Pyrene	50.00	33.69	67	38-120

Surrogate	%REC	Limits
2-Fluorophenol	75	41-120
Phenol-d5	75	41-120
2,4,6-Tribromophenol	72	38-120
Nitrobenzene-d5	61	47-120
2-Fluorobiphenyl	65	44-120
Terphenyl-d14	62	16-120

Type: BSD Lab ID: QC289066

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	100.0	73.60	74	43-120	3	25
2-Chlorophenol	100.0	78.32	78	51-120	3	24
1,4-Dichlorobenzene	50.00	33.04	66	36-120	2	35
N-Nitroso-di-n-propylamine	50.00	31.52	63	45-120	6	27
1,2,4-Trichlorobenzene	50.00	32.37	65	38-120	4	30
4-Chloro-3-methylphenol	100.0	72.49	72	48-120	2	25
Acenaphthene	50.00	34.54	69	43-120	1	24
4-Nitrophenol	100.0	61.73	62	43-120	2	23
2,4-Dinitrotoluene	50.00	37.22	74	46-120	3	24
Pentachlorophenol	100.0	75.71	76	35-120	2	28
Pyrene	50.00	34.81	70	38-120	3	24

Surrogate	%REC	Limits
2-Fluorophenol	77	41-120
Phenol-d5	77	41-120
2,4,6-Tribromophenol	72	38-120
Nitrobenzene-d5	64	47-120
2-Fluorobiphenyl	65	44-120
Terphenyl-d14	63	16-120

RPD= Relative Percent Difference

87.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC290393	Batch#:	101154
Matrix:	Water	Prepared:	04/13/05
Units:	ug/L	Analyzed:	04/14/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

89.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC290393	Batch#:	101154
Matrix:	Water	Prepared:	04/13/05
Units:	ug/L	Analyzed:	04/14/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	77	41-120
Phenol-d5	68	41-120
2,4,6-Tribromophenol	75	38-120
Nitrobenzene-d5	72	47-120
2-Fluorobiphenyl	77	44-120
Terphenyl-d14	78	16-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	101154
Units:	ug/L	Prepared:	04/13/05
Diln Fac:	1.000	Analyzed:	04/14/05

Type: BS Lab ID: QC290394

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	75.49	75	43-120
2-Chlorophenol	100.0	87.21	87	51-120
1,4-Dichlorobenzene	50.00	26.42	53	36-120
N-Nitroso-di-n-propylamine	50.00	36.04	72	45-120
1,2,4-Trichlorobenzene	50.00	32.68	65	38-120
4-Chloro-3-methylphenol	100.0	83.23	83	48-120
Acenaphthene	50.00	39.89	80	43-120
4-Nitrophenol	100.0	72.36	72	43-120
2,4-Dinitrotoluene	50.00	41.14	82	46-120
Pentachlorophenol	100.0	86.79	87	35-120
Pyrene	50.00	44.22	88	38-120

Surrogate	%REC	Limits
2-Fluorophenol	91	41-120
Phenol-d5	81	41-120
2,4,6-Tribromophenol	83	38-120
Nitrobenzene-d5	77	47-120
2-Fluorobiphenyl	78	44-120
Terphenyl-d14	81	16-120

Type: BSD Lab ID: QC290395

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	100.0	82.30	82	43-120	9	25
2-Chlorophenol	100.0	93.98	94	51-120	7	24
1,4-Dichlorobenzene	50.00	36.05	72	36-120	31	35
N-Nitroso-di-n-propylamine	50.00	38.14	76	45-120	6	27
1,2,4-Trichlorobenzene	50.00	41.15	82	38-120	23	30
4-Chloro-3-methylphenol	100.0	88.18	88	48-120	6	25
Acenaphthene	50.00	45.63	91	43-120	13	24
4-Nitrophenol	100.0	77.52	78	43-120	7	23
2,4-Dinitrotoluene	50.00	45.43	91	46-120	10	24
Pentachlorophenol	100.0	95.00	95	35-120	9	28
Pyrene	50.00	51.29	103	38-120	15	24

Surrogate	%REC	Limits
2-Fluorophenol	99	41-120
Phenol-d5	87	41-120
2,4,6-Tribromophenol	92	38-120
Nitrobenzene-d5	84	47-120
2-Fluorobiphenyl	91	44-120
Terphenyl-d14	93	16-120

RPD= Relative Percent Difference

90.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.2-032805	Batch#:	100779
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	70	44-120
Decachlorobiphenyl	99	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

29.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW-DUP1-032805	Batch#:	100779
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	54	44-120
Decachlorobiphenyl	101	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

30.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.3-032805	Batch#:	100779
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND #	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	91	44-120
Decachlorobiphenyl	85	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.5-032905	Batch#:	100779
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	126 *	44-120
Decachlorobiphenyl	138 *	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

32.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.6-032905	Batch#:	100779
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	141 *	44-120
Decachlorobiphenyl	112	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

33.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.1-032905	Batch#:	100779
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	111	44-120
Decachlorobiphenyl	107	50-128

ND= Not Detected
RL= Reporting Limit

34.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.2-032905	Batch#:	100779
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	87	44-120
Decachlorobiphenyl	120	50-128

ND= Not Detected
RL= Reporting Limit

35.2

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.3-032905	Batch#:	100779
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	124 *	44-120
Decachlorobiphenyl	83	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

36.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MWDUP2-032905	Batch#:	100779
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	133 *	44-120
Decachlorobiphenyl	101	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

37.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.5-032905	Batch#:	100779
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	99	44-120
Decachlorobiphenyl	142 *	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

38.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW10.4-032805	Batch#:	100779
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	125 *	44-120
Decachlorobiphenyl	130 *	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

39.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288903	Batch#:	100779
Matrix:	Water	Prepared:	04/03/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND #	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND #	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	88	44-120
Decachlorobiphenyl	84	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

40.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288904	Batch#:	100779
Matrix:	Water	Prepared:	04/03/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1801	90	61-140
Heptachlor	0.2000	0.1620	81	53-143
Aldrin	0.2000	0.1635	82	60-120
Dieldrin	0.4000	0.4144	104	57-127
Endrin	0.4000	0.3470	87	59-136
4,4'-DDT	0.4000	0.3752 #	94	55-149

Surrogate	%REC	Limits
TCMX	93	44-120
Decachlorobiphenyl	80	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements

41.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW7.1-033105	Batch#:	100779
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: MS Lab ID: QC288905

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<0.002252	0.1905	0.2147	113	52-144
Heptachlor	<0.003504	0.1905	0.1905 #	100	53-138
Aldrin	<0.004356	0.1905	0.2051	108	45-120
Dieldrin	<0.005653	0.3810	0.4801	126	55-133
Endrin	<0.007295	0.3810	0.4529	119	60-130
4,4'-DDT	<0.003467	0.3810	0.3847 #	101	42-144

Surrogate	%REC	Limits
TCMX	116	44-120
Decachlorobiphenyl	100	50-128

Type: MSD Lab ID: QC288906

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.1905	0.1930	101	52-144	11	37
Heptachlor	0.1905	0.1649 #	87	53-138	14	38
Aldrin	0.1905	0.1809	95	45-120	13	35
Dieldrin	0.3810	0.4130	108	55-133	15	35
Endrin	0.3810	0.3743	98	60-130	19	35
4,4'-DDT	0.3810	0.3134 #	82	42-144	20	41

Surrogate	%REC	Limits
TCMX	119	44-120
Decachlorobiphenyl	91	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
RPD= Relative Percent Difference

42.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100780
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/03/05

Field ID:	MW3.2-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/06/05
Lab ID:	178601-001	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	83	52-124
Decachlorobiphenyl	160 *	18-120

Field ID:	MW-DUP1-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/06/05
Lab ID:	178601-002	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	90	52-124
Decachlorobiphenyl	169 *	18-120

Field ID:	MW3.3-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/06/05
Lab ID:	178601-003	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	136 *	52-124
Decachlorobiphenyl	143 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100780
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/03/05

Field ID:	MW3.5-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/06/05
Lab ID:	178601-004	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	136 *	52-124
Decachlorobiphenyl	135 *	18-120

Field ID:	MW3.6-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/06/05
Lab ID:	178601-005	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	0.99
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	129 *	52-124
Decachlorobiphenyl	138 *	18-120

Field ID:	MW5.1-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/06/05
Lab ID:	178601-006	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	122	52-124
Decachlorobiphenyl	109	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100780
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/03/05

Field ID:	MW5.2-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178601-007	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	81	52-124
Decachlorobiphenyl	119	18-120

Field ID:	MW5.3-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178601-008	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	124	52-124
Decachlorobiphenyl	115	18-120

Field ID:	MWDUP2-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178601-009	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	101	52-124
Decachlorobiphenyl	124 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100780
Units:	ug/L	Received:	03/30/05
Diln Fac:	1.000	Prepared:	04/03/05

Field ID:	MW5.5-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178601-010	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	98	52-124
Decachlorobiphenyl	114	18-120

Field ID:	MW10.4-032805	Sampled:	03/28/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178601-011	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	99	52-124
Decachlorobiphenyl	122 *	18-120

Type:	BLANK	Analyzed:	04/06/05
Lab ID:	QC288907	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	113	52-124
Decachlorobiphenyl	94	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100780
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/06/05

Type: BS
Lab ID: QC288908
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1242	5.000	5.965	119	67-148

Surrogate	%REC	Limits
TCMX	97	52-124
Decachlorobiphenyl	101	18-120

Type: BSD
Lab ID: QC288909
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1242	5.000	5.621	112	67-148	6	25

Surrogate	%REC	Limits
TCMX	102	52-124
Decachlorobiphenyl	105	18-120

RPD= Relative Percent Difference

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.2-032805	Batch#:	100781
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	80	58-132
1-Methylnaphthalene (F)	80	56-135

ND= Not Detected
RL= Reporting Limit

60.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW-DUP1-032805	Batch#:	100781
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	83	58-132
1-Methylnaphthalene (F)	80	56-135

ND= Not Detected
RL= Reporting Limit

61.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.3-032805	Batch#:	100781
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.96
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.96
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	97	58-132
1-Methylnaphthalene (F)	98	56-135

ND= Not Detected
RL= Reporting Limit

62.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.5-032905	Batch#:	100781
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	99	58-132
1-Methylnaphthalene (F)	100	56-135

ND= Not Detected
RL= Reporting Limit

63.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.6-032905	Batch#:	100781
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	90	58-132
1-Methylnaphthalene (F)	91	56-135

ND= Not Detected
RL= Reporting Limit

64.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.1-032905	Batch#:	100781
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	107	58-132
1-Methylnaphthalene (F)	108	56-135

ND= Not Detected
RL= Reporting Limit

65.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.2-032905	Batch#:	100781
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	90	58-132
1-Methylnaphthalene (F)	91	56-135

ND= Not Detected
RL= Reporting Limit

66.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.3-032905	Batch#:	100781
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	4.2	0.96
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.96
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	94	58-132
1-Methylnaphthalene (F)	93	56-135

ND= Not Detected
RL= Reporting Limit

67.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MWDUP2-032905	Batch#:	100781
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	4.7	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	91	58-132
1-Methylnaphthalene (F)	91	56-135

ND= Not Detected
RL= Reporting Limit

68.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.5-032905	Batch#:	100781
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	86	58-132
1-Methylnaphthalene (F)	87	56-135

ND= Not Detected
RL= Reporting Limit

69.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW10.4-032805	Batch#:	100781
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Water	Received:	03/30/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	96	58-132
1-Methylnaphthalene (F)	97	56-135

ND= Not Detected
RL= Reporting Limit

70.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288910	Batch#:	100781
Matrix:	Water	Prepared:	04/03/05
Units:	ug/L	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	105	58-132
1-Methylnaphthalene (F)	106	56-135

ND= Not Detected
RL= Reporting Limit

71.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Matrix:	Water	Batch#:	100781
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/09/05

Type: BS Lab ID: QC288911

Analyte	Spiked	Result	%REC	Limits
Naphthalene	10.00	9.640	96	67-120
Acenaphthylene	20.00	19.86	99	70-120
Acenaphthene	10.00	9.765	98	66-120
Fluorene	2.000	1.955	98	69-120
Phenanthrene	1.000	1.001	100	63-120
Anthracene	1.000	0.9876	99	63-120
Benzo(k)fluoranthene	1.000	1.004	100	65-124
Indeno(1,2,3-cd)pyrene	1.000	1.045	104	62-123

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	90	58-132
1-Methylnaphthalene (F)	91	56-135

Type: BSD Lab ID: QC288912

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	10.00	9.385	94	67-120	3	26
Acenaphthylene	20.00	19.96	100	70-120	1	24
Acenaphthene	10.00	11.03	110	66-120	12	28
Fluorene	2.000	1.967	98	69-120	1	25
Phenanthrene	1.000	0.9792	98	63-120	2	23
Anthracene	1.000	0.9626	96	63-120	3	24
Benzo(k)fluoranthene	1.000	0.9910	99	65-124	1	24
Indeno(1,2,3-cd)pyrene	1.000	1.038	104	62-123	1	23

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	88	58-132
1-Methylnaphthalene (F)	88	56-135

RPD= Relative Percent Difference

72.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.2-032805	Diln Fac:	1.000
Lab ID:	178601-001	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	25	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

43.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW-DUP1-032805	Diln Fac:	1.000
Lab ID:	178601-002	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	27	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

44.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.3-032805	Diln Fac:	1.000
Lab ID:	178601-003	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

45.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.5-032905	Diln Fac:	1.000
Lab ID:	178601-004	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	16	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

46.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.6-032905	Diln Fac:	1.000
Lab ID:	178601-005	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	12	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

47.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.1-032905	Diln Fac:	1.000
Lab ID:	178601-006	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	46	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

48.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178601	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GA-Pacific Sawmill
Field ID:	MW5.2-032905	Diln Fac:	1.000
Lab ID:	178601-007	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

49.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.3-032905	Diln Fac:	1.000
Lab ID:	178601-008	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	8.3	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	36	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

50.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MWDUP2-032905	Diln Fac:	1.000
Lab ID:	178601-009	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	6.2	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	37	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

51.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.5-032905	Diln Fac:	1.000
Lab ID:	178601-010	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	10	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	110	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

52.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178601		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW10.4-032805	Diln Fac:	1.000
Lab ID:	178601-011	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/30/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Arsenic	8.5	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Barium	110	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Chromium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Copper	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Nickel	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B
Zinc	ND	20	101041	04/11/05	04/11/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

53.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	100947
Lab ID:	QC289579	Prepared:	04/07/05
Matrix:	Filtrate	Analyzed:	04/07/05
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

54.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100947
Matrix:	Filtrate	Prepared:	04/07/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC289581	5.000	4.970	99	80-120		
BSD	QC289582	5.000	5.260	105	80-120	6	20

RPD= Relative Percent Difference

56.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100947
Field ID:	ZZZZZZZZZZ	Sampled:	03/28/05
MSS Lab ID:	178547-002	Received:	03/29/05
Matrix:	Filtrate	Prepared:	04/07/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC289583	<0.07957	5.000	5.080	102	80-120		
MSD	QC289584		5.000	4.930	99	80-120	3	20

RPD= Relative Percent Difference

57.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289937	Batch#:	101041
Matrix:	Filtrate	Prepared:	04/11/05
Units:	ug/L	Analyzed:	04/11/05

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

55.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	101041
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: BS Lab ID: QC289938

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	516.0	103	78-120
Arsenic	100.0	104.0	104	74-132
Barium	2,000	1,980	99	80-120
Beryllium	50.00	52.50	105	80-120
Cadmium	50.00	50.80	102	80-120
Chromium	200.0	201.0	101	80-120
Cobalt	500.0	496.0	99	80-120
Copper	250.0	251.0	100	80-120
Lead	100.0	97.10	97	66-138
Molybdenum	400.0	408.0	102	80-120
Nickel	500.0	497.0	99	80-120
Selenium	100.0	98.00	98	58-142
Silver	50.00	52.40	105	80-120
Thallium	100.0	94.30	94	57-144
Vanadium	500.0	511.0	102	80-120
Zinc	500.0	496.0	99	80-120

Type: BSD Lab ID: QC289939

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	514.0	103	78-120	0	20
Arsenic	100.0	106.0	106	74-132	2	22
Barium	2,000	1,960	98	80-120	1	20
Beryllium	50.00	52.10	104	80-120	1	20
Cadmium	50.00	50.00	100	80-120	2	20
Chromium	200.0	198.0	99	80-120	2	20
Cobalt	500.0	491.0	98	80-120	1	20
Copper	250.0	248.0	99	80-120	1	20
Lead	100.0	95.30	95	66-138	2	25
Molybdenum	400.0	416.0	104	80-120	2	20
Nickel	500.0	492.0	98	80-120	1	20
Selenium	100.0	101.0	101	58-142	3	31
Silver	50.00	50.90	102	80-120	3	20
Thallium	100.0	96.80	97	57-144	3	30
Vanadium	500.0	506.0	101	80-120	1	20
Zinc	500.0	491.0	98	80-120	1	20

RPD= Relative Percent Difference

58.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178601	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Field ID:	MW2.1-032805	Batch#:	101041
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Filtrate	Received:	03/29/05
Units:	ug/L	Prepared:	04/11/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: MS Lab ID: QC289940

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<3.725	500.0	514.0	103	68-127
Arsenic	<2.298	100.0	105.0	105	63-151
Barium	18.20	2,000	1,980	98	79-120
Beryllium	<0.2495	50.00	51.90	104	80-120
Cadmium	<0.3394	50.00	49.50	99	76-123
Chromium	1.970	200.0	200.0	99	79-120
Cobalt	1.880	500.0	492.0	98	80-120
Copper	<3.052	250.0	251.0	100	80-120
Lead	<1.086	100.0	96.00	96	49-155
Molybdenum	12.20	400.0	426.0	103	73-120
Nickel	2.030	500.0	489.0	97	74-120
Selenium	4.170	100.0	102.0	98	44-156
Silver	<1.306	50.00	49.50	99	72-124
Thallium	<3.479	100.0	99.20	99	34-158
Vanadium	1.330	500.0	510.0	102	80-120
Zinc	<4.869	500.0	492.0	98	79-123

Type: MSD Lab ID: QC289941

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	508.0	102	68-127	1	20
Arsenic	100.0	106.0	106	63-151	1	35
Barium	2,000	1,920	95	79-120	3	20
Beryllium	50.00	50.40	101	80-120	3	20
Cadmium	50.00	48.50	97	76-123	2	20
Chromium	200.0	196.0	97	79-120	2	20
Cobalt	500.0	481.0	96	80-120	2	20
Copper	250.0	244.0	98	80-120	3	20
Lead	100.0	93.80	94	49-155	2	34
Molybdenum	400.0	413.0	100	73-120	3	20
Nickel	500.0	479.0	95	74-120	2	20
Selenium	100.0	102.0	98	44-156	0	42
Silver	50.00	50.70	101	72-124	2	20
Thallium	100.0	93.60	94	34-158	6	47
Vanadium	500.0	499.0	100	80-120	2	20
Zinc	500.0	479.0	96	79-123	3	20

RPD= Relative Percent Difference

59.0

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4204

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPHd+TPHO	8270C SVOC's	*2 8081A Org-Chl Pest	8082 PCB	8310 PAH's	*3 6010A/7470A Metals	5M5550 Tannin+Lignin	Temperature			Comments
178601-001		MW 3.2-0328/05	3/28/05	1431	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW 3.2-0328/05	3/28/05	1431	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 3.2-0328/05	3/28/05	1431	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 3.2-0328/05	3/28/05	1431	GW	GB	1	C				X							
		MW 3.2-0328/05	3/28/05	1431	GW	GB	1	C					X						
		MW 3.2-0328/05	3/28/05	1431	GW	P	1	C						X					
		MW 3.2-0328/05	3/28/05	1431	GW	P	1	HNO3							X				
		Temperature Blank	3/28/05	—	W	P	1	C								X			one per cooler 13.3°C
																			JAW 3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	0713	Relinquished by:		
Received by: Mike Lukic	3/29/05	1100	Received by:		
Relinquished by: Mike Lukic	3/29/05	1145	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody N° 4205

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHo	8270C SVOC's	8081A Org-Chl Pest	8082 PCB	8310 PAH's	SM5550 Tannin+Lignin	6010A/7470A Metals	Temperature			Comments
									*1		*2				*3				
173601-002		MW-Dup1-032805	3/28/05	—	GW	GB	1	C	X										*1 use silica Gel Cleanup
		MW-Dup1-032805	3/28/05	—	GW	GB	2	C		X									*2 organochloride Pesticides
		MW-Dup1-032805	3/28/05	—	GW	GB	1	C			X								*3 Metals, dissolved Field Filter
		MW-Dup1-032805	3/28/05	—	GW	GB	1	C				X							
		MW-Dup1-032805	3/28/05	—	GW	GB	1	C					X						
		MW-Dup1-032805	3/28/05	—	GW	P	1	C						X					
		MW-Dup1-032805	3/28/05	—	GW	P	1	HNO3							X				
		Temperature Blank	3/28/05	—	W	P	1	C								X			one per cooler 8.2°C
		One 1L amber																	FAW 3-30-05
		arrived broken	FAW 3-30-05																

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	0715	Relinquished by:		
Received by: Mike Lukic	3/29/05	0715	Received by:		
Relinquished by: Mike Lukic	3/29/05	1145	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4206

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd & TPHo *1	8270C SVOCs	8081A Org-Chl Pest *2	8082 PCB	8310 PAHs	SM5550 Tannin & Lignin	6010A/7470A Metals *3	Temperature			Comments
178601-003		MW 3.3-032805	3/28/05	1540	GW	GB	1	C	X										*1 Use silica-Gel Cleanup
		MW 3.3-032805	3/28/05	1540	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 3.3-032805	3/28/05	1540	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 3.3-032805	3/28/05	1540	GW	GB	1	C				X							
		MW 3.3-032805	3/28/05	1540	GW	GB	1	C					X						
		MW 3.3-032805	3/28/05	1540	GW	P	1	C						X					
		MW 3.3-032805	3/28/05	1540	GW	P	1	HNO_3							X				
		Temperature Blank	3/28/05	—	W	P	1	C								X			one per cooler
																			Temp Blank was empty.
																			[illegible] 3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	0712	Relinquished by:		
Received by: Mike Lukric	3/29/05	1100	Received by:		
Relinquished by: Mike Lukric	3/29/05	1145	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4208

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd+TPHo	8270C SVOC's	8081A Org Cl Pest	8082 PCB	8310 PAHs	SM5550 Tannin+Lignin	6010A/7470A Metals	Temperature			Comments
178601-004		MW3.5-032905	3/29/05	1155	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW3.5-032905	3/29/05	1155	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW3.5-032905	3/29/05	1155	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW3.5-032905	3/29/05	1155	GW	GB	1	C				X							
		MW3.5-032905	3/29/05	1155	GW	GB	1	C					X						
		MW3.5-032905	3/29/05	1155	GW	P	1	C						X					
		MW3.5-032905	3/29/05	1155	GW	P	1	HNO3							X				
		Temperature Blank	3/29/05	—	W	P	1	C								X			one per cooler 5.5°C
																			24hr 3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1303	Relinquished by:		
Received by: Mike Lukin	3/29/05	1303	Received by:		
Relinquished by: Mike Lukin	3/29/05	1400	Relinquished by:		
Received by: Judy Edwards	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M. Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4209

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Requested Analysis: 8015B TPHd + TPHo; 8270C SVOC's; 8081A Org-Chl Pest; 8082 PCB; 8310 PAHs; SM5550 Tannin + Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd + TPHo *1	8270C SVOC's	8081A Org-Chl Pest *2	8082 PCB	8310 PAHs	SM5550 Tannin + Lignin	6010A/7470A Metals *3	Temperature			Comments
178601-005		MW 3.6-032905	3/29/05	1105	GW	GB	1	C	X										*1 Use Silico Gel Cleanup
		MW 3.6-032905	3/29/05	1105	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 3.6-032905	3/29/05	1105	GW	GB	1	C			X								*3 Metals dissolved Field Filtered
		MW 3.6-032905	3/29/05	1105	GW	GB	1	C				X							
		MW 3.6-032905	3/29/05	1105	GW	GB	1	C					X						
		MW 3.6-032905	3/29/05	1105	GW	P	1	C						X					
		MW 3.6-032905	3/29/05	1105	GW	P	1	HNO_3							X				
		Temperature Blank	3/29/05	—	W	P	1	C								X			one per cooler 14.3°C
																			JMW 3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1304	Relinquished by:		
Received by: [signature]	3/29/05	1304	Received by:		
Relinquished by: [signature]	3/29/05	1400	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4217

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd + TPHg	8270C SVOCs	8081A Organochl Pest	8082 PCB	8310 PAHs	SM5550 Tannin & Lignin	6010A/7470A Metal	Temperature			Comments
									*1		*2				*3				
178601-006		MW 5.1-0329 05	3/29/05	1000	GW	GB	1	C	X										*1 Use Silica Gel cleanup
		MW 5.1-0329 05	3/29/05	1000	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 5.1-0329 05	3/29/05	1000	GW	GB	1	C			X								*3 Metal, dissolved Field Filter
		MW 5.1-0329 05	3/29/05	1000	GW	GB	1	C				X							
		MW 5.1-0329 05	3/29/05	1000	GW	GB	1	C					X						
		MW 5.1-0329 05	3/29/05	1000	GW	P ~~GB~~	1	C						X					
		MW 5.1-0329 05	3/29/05	1000	GW	P ~~GB~~	1	HNO3							X				
		Temprature Blank	3/29/05	—	W	P	1	C								X			one per cooler No temp blank in this cooler JAW 3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	1105	Relinquished by:		
Received by: Mike Lukic	3/29/05	1105	Received by:		
Relinquished by: Mike Lukic	3/29/05	1155	Relinquished by:		
Received by: Jerry E Wimall	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT
[ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4218

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Requested Analysis: 8015B TPHd & TPHo; 8270C SVOC's; 8081A Org-Chl Pest; 8082 PCB; 8310 PAH's; SM5550/Lanning Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd & TPHo	8270C SVOC's	8081A Org-Chl Pest	8082 PCB	8310 PAH's	SM5550/Lanning Lignin	6010A/7470A Metals	Temperature			Comments
									*1		*2				*3				
178601-007		MW 5.2-0329 05	3/29/05	1015	GW	GB	1	C	X										*1 use Silica Gel cleanup
		MW 5.2-0329 05	3/29/05	1015	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 5.2-0329 05	3/29/05	1015	GW	GB	1	C			X								*3 Metals, dissolved Field Filter
		MW 5.2-0329 05	3/29/05	1015	GW	GB	1	C				X							
		MW 5.2-0329 05	3/29/05	1015	GW	GB	1	C					X						
		MW 5.2-0329 05	3/29/05	1015	GW	P	1	C						X					
		MW 5.2-0329 05	3/29/05	1015	GW	P	1	HNO_3							X				
		Temperature Blank	3/29/05	—	W	P	1	C								X			one per cooler 8.4°C
		One 1L amber																	JMW 3-30-05
		arrived broken JMW 3-30-05																	

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	1305	Relinquished by:		
Received by: Mike Lukris	3/29/05	1305	Received by:		
Relinquished by: Mike Lukris	3/29/05	1400	Relinquished by:		
Received by: Suzy E. Wang	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4219

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHo (X1)	8270C SVOC's	8081A Org-chl Pest (X2)	8082 PCB	8310 PAH's	SM5520 Tannin & Lignin	6010A/7470A Metals (X3)	Temperature			Comments
178601-008		MW 5.3-032905	3/29	1050	0815	GW	GB	1	C	X									X1 Use Silica Gel Cleanup
		MW 5.3-032905	3/29	1050	0815	GW	GB	2	C		X								X2 Organochloride Pesticides
		MW 5.3-032905	3/29	1050	0815	GW	GB	1	C			X							X3 Metals, dissolved Field Filtered
		MW 5.3-032905	3/29	1050	0815	GW	GB	1	C				X						
		MW 5.3-032905	3/29	1050	0815	GW	GB	1	C					X					
		MW 5.3-032905	3/29	1050	0815	GW	P	1	C						X				
		MW 5.3-032905	3/29	1050	0815	GW	P	1	HNO_3							X			
		Temperature Blank	3/29	1050	—	W	P	1	C								X		one per cooler 10.8°C
																			MW 3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	1205	Relinquished by:		
Received by: Mike Lukic	3/29/05	1205	Received by:		
Relinquished by: Mike Lukic	3/29/05	1300	Relinquished by:		
Received by: Judy Edwards	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4220

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd & TPHg	8270C SVOC's	8081A Org-Chl Pest	8082 PCB	8310 PAH's	SM5530 Tannin & Lignin	6010A/7470A Metals	Temperature	Comments
									X1		X2				X3		
175601-009		MW DUP2-032905	3/29/05	—	GW	GB	1	C	X								*1 Use Silica Gel Cleanup
		MW DUP2-032905	3/29/05	—	GW	GB	2	C		X							*2 Organochloride Pesticides
		MW DUP2-032905	3/29/05	—	GW	GB	1	C			X						*3 Metals dissolved Field Filtered
		MW DUP2-032905	3/29/05	—	GW	GB	1	C				X					
		MW DUP2-0329 05	3/29/05	—	GW	GB	1	C					X				
		MW DUP2-0329 05	3/29/05	—	GW	P	1	C						X			
		MW DUP2-0329 05	3/29/05	—	GW	P	1	HNO3							X		
		Temperature Blank	3/29/05	—	W	P	1	C								X	one per cooler 12.5°C
		Two 1L ambers															JHW 3-30-05
		arrived broken	JHW 3-30-05														

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1305	Relinquished by:		
Received by: Mike Lukic	3/29/05	1305	Received by:		
Relinquished by: Mike Lukic	3/29/05	1400	Relinquished by:		
Received by: [signature]	3-30-05	1530	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature] (Print Name / Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4222

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Requested Analysis: 8015B TPHd & TPHo; 8270C SVOC's; 8081A Org-Chl Pest; 8082 PCB; 8310 PAH's; SM5550 Tannin & Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1		*2				*3				Comments
178601-010		MW 5.5-03 29 05	3/29/05	0925	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW 5.5-03 29 05	3/29/05	0925	GW	GB	2	C		X									*2 Organochloride pesticides
		MW 5.5-03 29 05	3/29/05	0925	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 5.5-03 29 05	3/29/05	0925	GW	GB	1	C				X							
		MW 5.5-03 29 05	3/29/05	0925	GW	GB	1	C					X						
		MW 5.5-03 29 05	3/29/05	0925	GW	P	1	C						X					
		MW 5.5-03 29 05	3/29/05	0925	GW	P	1	HNO3							X				
		Temperature Blank	3/29/05	—	W	P	1	C								X			one per cooler 9.2°C
		One 1L amber																	FMW 3-30-05
		arrived broken	FMW 3-30-05																

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1205	Relinquished by:		
Received by: Mike Lukin	3/29/05	1205	Received by:		
Relinquished by: Mike Lukin	3/29/05	1300	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4276

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd & TPHg	8270C SVOCs	8081A Org-Chl Pest	8082 PCB	8310 PAHs	SM5550 Tannin & Lignin	6010A/7470A Metals	Temperature				Comments
									*1		*2				*3					
178601-011		MW 10.4-03 28 05	3/28/05	1645	GW	GB	1	C	X											*1 Use Silica Gel Cleanup
		MW 10.4-03 28 05	3/28/05	1645	GW	GB	2	C		X										*2 Organochloride Pesticides
		MW 10.4-03 28 05	3/28/05	1645	GW	GB	1	C			X									*3 Metals, dissolved Field Filtered
		MW 10.4-03 28 05	3/28/05	1645	GW	GB	1	C				X								
		MW 10.4-03 28 05	3/28/05	1645	GW	GB	1	C					X							
		MW 10.4-03 28 05	3/28/05	1645	GW	P	1	C						X						
		MW 10.4-03 28 05	3/28/05	1645	GW	P	1	HNO_3							X					
		Temperature Blank	3/28/05	—	W	P	1	C								X				one per cooler 9.6°C
		Three 1L umbers																		JMW 3-30-05
		arrived broken	JMW	3-30-05																

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	0714	Relinquished by:		
Received by: Mike Lukic	3/29/05	0714	Received by:		
Relinquished by: Mike Lukic	3/29/05	1145	Relinquished by:		
Received by: Jerry G. Thum	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 2 | Chain of Custody No. 4196

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHg	8260B VOCs								Temperature upon cooler	Comments
173601-012		MW-3.2-032805-TB	3/28/05	1448	RW	V	6	HCL	X	X									
-001		MW-3.2-032805	3/28/05	1431	GW	V	6	HCL	X	X									
-003		MW-3.3-032805	3/28/05	1540	GW	V	6	HCL	X	X									
-011		MW-10.4-032805	3/28/05	1645	GW	V	6	HCL	X	X									
-008		MW-5.3-032905	3/29/05	0815	GW	V	6	HCL	X	X									
-009		MW-DUP2-032905	3/29/05	—	GW	V	6	HCL	X	X									
-013		MW-5.4-032905	3/29/05	0845	GW	V	6	HCL	X	X									
-010		MW-5.5-032905	3/29/05	0925	GW	V	6	HCL	X	X									
-006		MW-5.1-032905	3/29/05	1000	GW	V	6	HCL	X	X									
		Temperature Blank	3/28/05	—	W	P	1	C									X	7.6 °C	3-30-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1200	Relinquished by:		
Received by: Mike Lukic	3/29/05	1200	Received by:		
Relinquished by: Mike Lukic	3/29/05	1300	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01
Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M. Jones (Print Name) [signature] (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT
[ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 2 of 2 | Chain of Custody No. 4198

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Requested Analysis: 8015B TPHg, 8260B VOC's, Temperature 1 per cooler 7.6°C JAW 3-30-05

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHg	8260B VOC's								Comments
178601 JAW		~~MW-5.2 032905 TBg~~	~~3/29/05~~	~~1018~~	~~GW~~	~~V~~		~~HCl~~	~~X~~	~~X~~	~~g~~							
-005		MW-3.6 032905	3/29/05	1105	GW	V	6	HCl	X	X								
-004		MW-3.5 032905	3/29/05	1155	GW	V	6	HCl	X	X								
-007		MW-5.2 032905	3/29/05	1015	GW	V	6	HCl	X	X								
-001		MW-3.2 032805	3/28/05	1431	GW	V	6	HCl	X	X								Voas listed twice only 6 received. JAW 3-30-05
-002		MW-Dup1 032805	3/28/05	—	GW	V	6	HCl	X	X								
		~~Temperature Blank~~	~~3/ 05~~		~~W~~	~~P~~	~~1~~	~~C~~									X	~~one per cooler~~

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1305	Relinquished by:		
Received by: [signature]	3/29/05	1305	Received by:		
Relinquished by: [signature]	3/29/05	1335	Relinquished by:		
Received by: [signature]	3-30-05	1330	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) [signature] (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

Project Number: 178601
Site: Former GA-Pacific Sawmill

0504024

Subcontract Laboratory:
North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521
(707) 822-4649
ATTN: Loretta

Results due: Report Level: II

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
MW3.2-032805	03/28	Water	TANNIN/LIGNIN	178601-001	
MW-DUP1-032805	03/28	Water	TANNIN/LIGNIN	178601-002	
MW3.3-032805	03/28	Water	TANNIN/LIGNIN	178601-003	
MW3.5-032905	03/29	Water	TANNIN/LIGNIN	178601-004	
MW3.6-032905	03/29	Water	TANNIN/LIGNIN	178601-005	
MW5.1-032905	03/29	Water	TANNIN/LIGNIN	178601-006	
MW5.2-032905	03/29	Water	TANNIN/LIGNIN	178601-007	
MW5.3-032905	03/29	Water	TANNIN/LIGNIN	178601-008	
MWDUP2-032905	03/29	Water	TANNIN/LIGNIN	178601-009	
MW5.5-032905	03/29	Water	TANNIN/LIGNIN	178601-010	
MW10.4-032805	03/28	Water	TANNIN/LIGNIN	178601-011	

Cooler Temp=1.3°C
CA O/N

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date/Time: 3/31/05 1550	Date/Time: 4/1/05 1515

Signature on this form constitutes a firm Purchase Order for the services requested above.

NORTH COAST LABORATORIES LTD.

April 12, 2005

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Attn: Lisa Brooker

RE: 178601

Order No.: 0504024
Invoice No.: 49305
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW3.2-032805
02A	MW-DUP1-032805
03A	MW3.3-032805
04A	MW3.5-032905
05A	MW3.6-032905
06A	MW5.1-032905
07A	MW5.2-032905
08A	MW5.3-032905
09A	MWDUP2-032905
10A	MW5.5-032905
11A	MW10.4-032805

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road ◦ Arcata California 95521-9202 ◦ 707-822-4649 ◦ FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *12-Apr-05*

CLIENT: Curtis & Tompkins, Ltd.
Project: 178601
Lab Order: 0504024

CASE NARRATIVE

Tannin and Lignin:
Individual chemicals are not differentiated by this method. Analytical results represent substances which reduce Folin phenol reagent.

Date: 12-Apr-05
WorkOrder: 0504024

ANALYTICAL REPORT

Client Sample ID: MW3.2-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-01A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.13	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW-DUP1-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-02A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.14	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.3-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-03A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.5-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-04A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.6-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-05A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.20	0.10	mg/L	1.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504024

ANALYTICAL REPORT

Client Sample ID: MW5.1-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-06A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.8	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.2-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-07A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.3-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-08A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.7	0.10	mg/L	1.0		4/11/05

Client Sample ID: MWDUP2-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-09A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.4	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.5-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-10A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	6.9	0.40	mg/L	4.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504024

ANALYTICAL REPORT

Client Sample ID: MW10.4-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-11A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	3.7	0.20	mg/L	2.0		4/11/05

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504024
Project: 178601

QC SUMMARY REPORT

Method Blank

Sample ID: **MBLK** Batch ID: **R34312** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:

Client ID: Run ID: **WC_050411E** SeqNo: **497393**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	ND	0.10									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504024
Project: 178601

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS** Batch ID: **R34312** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411E** SeqNo: **497394**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	0.9957	0.10	1.00	0	99.6%	87	121	0			

Sample ID: **LCSD** Batch ID: **R34312** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411E** SeqNo: **497395**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	0.9957	0.10	1.00	0	99.6%	87	121	0.996	0%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

FILE COPY 16017.01/8

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Acton Mickelson Environmental
5175 Hillsdale Cir
El Dorado Hills, CA 95762

Date: 22-APR-05
Lab Job Number: 178637
Project ID: 16017.01
Location: Former GA-Pacific Sawmill

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

NELAP # 01107CA

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178637**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GA-Pacific Sawmill**
Request Date:	**03/31/05**
Samples Received:	**03/31/05**

This hardcopy data package contains sample and QC results for eleven water samples, requested for the above referenced project on 03/31/05. The samples were received intact and cool, but several coolers were received above 6 degrees C and others were received without a temperature blank. Several coolers arrived with broken or unsealed containers in them. Please see the comments on the chains of custody. Every effort was made to provide results for the analyses requested using the remaining sample amount.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Pesticides (EPA 8081A):
High surrogate recoveries were observed for decachlorobiphenyl and TCMX in many samples; no target analytes were detected in these samples. Analysis was not performed for sample MW3.8-032905 (178637-003) due to insufficient sample amount from transport breakage. No other analytical problems were encountered.

PCBs (EPA 8082):
High surrogate recoveries were observed for decachlorobiphenyl and TCMX in many samples; no target analytes were detected in the samples and method blank. High surrogate recoveries were observed for decachlorobiphenyl in the LCS and MS/MSD of batch 100767. The TCMX recoveries were within criteria. No other analytical problems were encountered.

Polynuclear Aromatics by HPLC (EPA 8310):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Tannins & Lignins (SMWW 5550):
North Coast Laboratories, Ltd. in Arcata, CA performed the analysis. Please see the North Coast Laboratories, Ltd. case narrative.

#
68.1

Curtis & Tompkins, Ltd.
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Total Extractable Hydrocarbons

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100998
Units:	ug/L	Received:	03/31/05
Diln Fac:	1.000	Prepared:	04/08/05

Field ID:	MW3.4-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-001	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	103	55-143

Field ID:	MW3.7-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-002	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	109	55-143

Field ID:	MW3.8-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-003	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	40
Motor Oil C24-C36	ND	240

Surrogate	%REC	Limits
Hexacosane	91	55-143

Field ID:	MW3.9-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	40
Motor Oil C24-C36	ND	240

Surrogate	%REC	Limits
Hexacosane	120	55-143

ND= Not Detected
RL= Reporting Limit

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100998
Units:	ug/L	Received:	03/31/05
Diln Fac:	1.000	Prepared:	04/08/05

Field ID:	MW4.3-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-005	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	112	55-143

Field ID:	MW4.4-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-006	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	40
Motor Oil C24-C36	ND	240

Surrogate	%REC	Limits
Hexacosane	87	55-143

Field ID:	MW5.4-032905	Sampled:	03/29/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-007	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	105	55-143

Field ID:	MW5.6-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-008	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	40
Motor Oil C24-C36	ND	240

Surrogate	%REC	Limits
Hexacosane	77	55-143

ND= Not Detected
RL= Reporting Limit

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	100998
Units:	ug/L	Received:	03/31/05
Diln Fac:	1.000	Prepared:	04/08/05

Field ID:	MW5.7-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-009	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	40
Motor Oil C24-C36	ND	240

Surrogate	%REC	Limits
Hexacosane	95	55-143

Field ID:	MW5.8-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-010	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	40
Motor Oil C24-C36	ND	240

Surrogate	%REC	Limits
Hexacosane	90	55-143

Field ID:	MW5.9-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/13/05
Lab ID:	178637-011	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	109	55-143

Type:	BLANK	Analyzed:	04/12/05
Lab ID:	QC289781	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	116	55-143

ND= Not Detected
RL= Reporting Limit

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289782	Batch#:	100998
Matrix:	Water	Prepared:	04/08/05
Units:	ug/L	Analyzed:	04/12/05

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,156	86	50-133

Surrogate	%REC	Limits
Hexacosane	92	55-143

32.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW2.1-032805	Batch#:	100998
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/08/05
Diln Fac:	1.000	Analyzed:	04/13/05

Type: MS Cleanup Method: EPA 3630C
Lab ID: QC289783

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<20.61	2,500	2,259	90	42-127

Surrogate	%REC	Limits
Hexacosane	95	55-143

Type: MSD Cleanup Method: EPA 3630C
Lab ID: QC289784

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	2,482	99	42-127	9	45

Surrogate	%REC	Limits
Hexacosane	106	55-143

RPD= Relative Percent Difference

33.0

Curtis & Tompkins, Ltd.
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Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.4-032905	Batch#:	100864
Lab ID:	178637-001	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.7
Phenol	ND	9.7
bis(2-Chloroethyl)ether	ND	9.7
2-Chlorophenol	ND	9.7
1,3-Dichlorobenzene	ND	9.7
1,4-Dichlorobenzene	ND	9.7
Benzyl alcohol	ND	9.7
1,2-Dichlorobenzene	ND	9.7
2-Methylphenol	ND	9.7
bis(2-Chloroisopropyl) ether	ND	9.7
4-Methylphenol	ND	9.7
N-Nitroso-di-n-propylamine	ND	9.7
Hexachloroethane	ND	9.7
Nitrobenzene	ND	9.7
Isophorone	ND	9.7
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.7
Benzoic acid	ND	49
bis(2-Chloroethoxy)methane	ND	9.7
2,4-Dichlorophenol	ND	9.7
1,2,4-Trichlorobenzene	ND	9.7
Naphthalene	ND	9.7
4-Chloroaniline	ND	9.7
Hexachlorobutadiene	ND	9.7
4-Chloro-3-methylphenol	ND	9.7
2-Methylnaphthalene	ND	9.7
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.7
2,4,5-Trichlorophenol	ND	9.7
2-Chloronaphthalene	ND	9.7
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.7
Acenaphthylene	ND	9.7
2,6-Dinitrotoluene	ND	9.7
3-Nitroaniline	ND	19
Acenaphthene	ND	9.7
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.7
2,4-Dinitrotoluene	ND	9.7
Diethylphthalate	ND	9.7
Fluorene	ND	9.7
4-Chlorophenyl-phenylether	ND	9.7
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.7
Azobenzene	ND	9.7
4-Bromophenyl-phenylether	ND	9.7
Hexachlorobenzene	ND	9.7
Pentachlorophenol	ND	19
Phenanthrene	ND	9.7
Anthracene	ND	9.7
Di-n-butylphthalate	ND	9.7
Fluoranthene	ND	9.7
Pyrene	ND	9.7

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
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Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.4-032905	Batch#:	100864
Lab ID:	178637-001	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.7
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.7
Chrysene	ND	9.7
bis(2-Ethylhexyl)phthalate	ND	9.7
Di-n-octylphthalate	ND	9.7
Benzo(b)fluoranthene	ND	9.7
Benzo(k)fluoranthene	ND	9.7
Benzo(a)pyrene	ND	9.7
Indeno(1,2,3-cd)pyrene	ND	9.7
Dibenz(a,h)anthracene	ND	9.7
Benzo(g,h,i)perylene	ND	9.7

Surrogate	%REC	Limits
2-Fluorophenol	56	41-120
Phenol-d5	57	41-120
2,4,6-Tribromophenol	66	38-120
Nitrobenzene-d5	53	47-120
2-Fluorobiphenyl	58	44-120
Terphenyl-d14	60	16-120

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.7-032905	Batch#:	100864
Lab ID:	178637-002	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.6
Phenol	ND	9.6
bis(2-Chloroethyl)ether	ND	9.6
2-Chlorophenol	ND	9.6
1,3-Dichlorobenzene	ND	9.6
1,4-Dichlorobenzene	ND	9.6
Benzyl alcohol	ND	9.6
1,2-Dichlorobenzene	ND	9.6
2-Methylphenol	ND	9.6
bis(2-Chloroisopropyl) ether	ND	9.6
4-Methylphenol	ND	9.6
N-Nitroso-di-n-propylamine	ND	9.6
Hexachloroethane	ND	9.6
Nitrobenzene	ND	9.6
Isophorone	ND	9.6
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.6
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.6
2,4-Dichlorophenol	ND	9.6
1,2,4-Trichlorobenzene	ND	9.6
Naphthalene	ND	9.6
4-Chloroaniline	ND	9.6
Hexachlorobutadiene	ND	9.6
4-Chloro-3-methylphenol	ND	9.6
2-Methylnaphthalene	ND	9.6
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.6
2,4,5-Trichlorophenol	ND	9.6
2-Chloronaphthalene	ND	9.6
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.6
Acenaphthylene	ND	9.6
2,6-Dinitrotoluene	ND	9.6
3-Nitroaniline	ND	19
Acenaphthene	ND	9.6
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.6
2,4-Dinitrotoluene	ND	9.6
Diethylphthalate	ND	9.6
Fluorene	ND	9.6
4-Chlorophenyl-phenylether	ND	9.6
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.6
Azobenzene	ND	9.6
4-Bromophenyl-phenylether	ND	9.6
Hexachlorobenzene	ND	9.6
Pentachlorophenol	ND	19
Phenanthrene	ND	9.6
Anthracene	ND	9.6
Di-n-butylphthalate	ND	9.6
Fluoranthene	ND	9.6
Pyrene	ND	9.6

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.7-032905	Batch#:	100864
Lab ID:	178637-002	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.6
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.6
Chrysene	ND	9.6
bis(2-Ethylhexyl)phthalate	ND	9.6
Di-n-octylphthalate	ND	9.6
Benzo(b)fluoranthene	ND	9.6
Benzo(k)fluoranthene	ND	9.6
Benzo(a)pyrene	ND	9.6
Indeno(1,2,3-cd)pyrene	ND	9.6
Dibenz(a,h)anthracene	ND	9.6
Benzo(g,h,i)perylene	ND	9.6

Surrogate	%REC	Limits
2-Fluorophenol	61	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	67	38-120
Nitrobenzene-d5	56	47-120
2-Fluorobiphenyl	64	44-120
Terphenyl-d14	71	16-120

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.8-032905	Batch#:	100864
Lab ID:	178637-003	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.8-032905	Batch#:	100864
Lab ID:	178637-003	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	60	41-120
Phenol-d5	56	41-120
2,4,6-Tribromophenol	62	38-120
Nitrobenzene-d5	51	47-120
2-Fluorobiphenyl	55	44-120
Terphenyl-d14	63	16-120

ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.9-032905	Batch#:	100864
Lab ID:	178637-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW3.9-032905	Batch#:	100864
Lab ID:	178637-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	54	41-120
Phenol-d5	53	41-120
2,4,6-Tribromophenol	56	38-120
Nitrobenzene-d5	47	47-120
2-Fluorobiphenyl	50	44-120
Terphenyl-d14	56	16-120

ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW4.3-033005	Batch#:	100864
Lab ID:	178637-005	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.4
Phenol	ND	9.4
bis(2-Chloroethyl)ether	ND	9.4
2-Chlorophenol	ND	9.4
1,3-Dichlorobenzene	ND	9.4
1,4-Dichlorobenzene	ND	9.4
Benzyl alcohol	ND	9.4
1,2-Dichlorobenzene	ND	9.4
2-Methylphenol	ND	9.4
bis(2-Chloroisopropyl) ether	ND	9.4
4-Methylphenol	ND	9.4
N-Nitroso-di-n-propylamine	ND	9.4
Hexachloroethane	ND	9.4
Nitrobenzene	ND	9.4
Isophorone	ND	9.4
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.4
Benzoic acid	ND	47
bis(2-Chloroethoxy)methane	ND	9.4
2,4-Dichlorophenol	ND	9.4
1,2,4-Trichlorobenzene	ND	9.4
Naphthalene	ND	9.4
4-Chloroaniline	ND	9.4
Hexachlorobutadiene	ND	9.4
4-Chloro-3-methylphenol	ND	9.4
2-Methylnaphthalene	ND	9.4
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.4
2,4,5-Trichlorophenol	ND	9.4
2-Chloronaphthalene	ND	9.4
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.4
Acenaphthylene	ND	9.4
2,6-Dinitrotoluene	ND	9.4
3-Nitroaniline	ND	19
Acenaphthene	ND	9.4
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.4
2,4-Dinitrotoluene	ND	9.4
Diethylphthalate	ND	9.4
Fluorene	ND	9.4
4-Chlorophenyl-phenylether	ND	9.4
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.4
Azobenzene	ND	9.4
4-Bromophenyl-phenylether	ND	9.4
Hexachlorobenzene	ND	9.4
Pentachlorophenol	ND	19
Phenanthrene	ND	9.4
Anthracene	ND	9.4
Di-n-butylphthalate	ND	9.4
Fluoranthene	ND	9.4
Pyrene	ND	9.4

ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW4.3-033005	Batch#:	100864
Lab ID:	178637-005	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.4
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.4
Chrysene	ND	9.4
bis(2-Ethylhexyl)phthalate	ND	9.4
Di-n-octylphthalate	ND	9.4
Benzo(b)fluoranthene	ND	9.4
Benzo(k)fluoranthene	ND	9.4
Benzo(a)pyrene	ND	9.4
Indeno(1,2,3-cd)pyrene	ND	9.4
Dibenz(a,h)anthracene	ND	9.4
Benzo(g,h,i)perylene	ND	9.4

Surrogate	%REC	Limits
2-Fluorophenol	61	41-120
Phenol-d5	58	41-120
2,4,6-Tribromophenol	64	38-120
Nitrobenzene-d5	54	47-120
2-Fluorobiphenyl	59	44-120
Terphenyl-d14	52	16-120

ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW4.4-033005	Batch#:	100864
Lab ID:	178637-006	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW4.4-033005	Batch#:	100864
Lab ID:	178637-006	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	60	41-120
Phenol-d5	57	41-120
2,4,6-Tribromophenol	64	38-120
Nitrobenzene-d5	52	47-120
2-Fluorobiphenyl	55	44-120
Terphenyl-d14	58	16-120

ND= Not Detected
RL= Reporting Limit

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.4-032905	Batch#:	100864
Lab ID:	178637-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

24.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.4-032905	Batch#:	100864
Lab ID:	178637-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	62	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	70	38-120
Nitrobenzene-d5	55	47-120
2-Fluorobiphenyl	59	44-120
Terphenyl-d14	43	16-120

ND= Not Detected
RL= Reporting Limit

24.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.6-033005	Batch#:	100864
Lab ID:	178637-008	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

25.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.6-033005	Batch#:	100864
Lab ID:	178637-008	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	57	41-120
Phenol-d5	57	41-120
2,4,6-Tribromophenol	75	38-120
Nitrobenzene-d5	55	47-120
2-Fluorobiphenyl	63	44-120
Terphenyl-d14	59	16-120

ND= Not Detected
RL= Reporting Limit

25.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.7-033005	Batch#:	100864
Lab ID:	178637-009	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.7-033005	Batch#:	100864
Lab ID:	178637-009	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	69	41-120
Phenol-d5	65	41-120
2,4,6-Tribromophenol	73	38-120
Nitrobenzene-d5	57	47-120
2-Fluorobiphenyl	61	44-120
Terphenyl-d14	52	16-120

ND= Not Detected
RL= Reporting Limit

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.8-033005	Batch#:	100864
Lab ID:	178637-010	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.8-033005	Batch#:	100864
Lab ID:	178637-010	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	60	41-120
Phenol-d5	54	41-120
2,4,6-Tribromophenol	60	38-120
Nitrobenzene-d5	52	47-120
2-Fluorobiphenyl	55	44-120
Terphenyl-d14	64	16-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.9-033005	Batch#:	100864
Lab ID:	178637-011	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.4
Phenol	ND	9.4
bis(2-Chloroethyl)ether	ND	9.4
2-Chlorophenol	ND	9.4
1,3-Dichlorobenzene	ND	9.4
1,4-Dichlorobenzene	ND	9.4
Benzyl alcohol	ND	9.4
1,2-Dichlorobenzene	ND	9.4
2-Methylphenol	ND	9.4
bis(2-Chloroisopropyl) ether	ND	9.4
4-Methylphenol	ND	9.4
N-Nitroso-di-n-propylamine	ND	9.4
Hexachloroethane	ND	9.4
Nitrobenzene	ND	9.4
Isophorone	ND	9.4
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.4
Benzoic acid	ND	47
bis(2-Chloroethoxy)methane	ND	9.4
2,4-Dichlorophenol	ND	9.4
1,2,4-Trichlorobenzene	ND	9.4
Naphthalene	ND	9.4
4-Chloroaniline	ND	9.4
Hexachlorobutadiene	ND	9.4
4-Chloro-3-methylphenol	ND	9.4
2-Methylnaphthalene	ND	9.4
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.4
2,4,5-Trichlorophenol	ND	9.4
2-Chloronaphthalene	ND	9.4
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.4
Acenaphthylene	ND	9.4
2,6-Dinitrotoluene	ND	9.4
3-Nitroaniline	ND	19
Acenaphthene	ND	9.4
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.4
2,4-Dinitrotoluene	ND	9.4
Diethylphthalate	ND	9.4
Fluorene	ND	9.4
4-Chlorophenyl-phenylether	ND	9.4
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.4
Azobenzene	ND	9.4
4-Bromophenyl-phenylether	ND	9.4
Hexachlorobenzene	ND	9.4
Pentachlorophenol	ND	19
Phenanthrene	ND	9.4
Anthracene	ND	9.4
Di-n-butylphthalate	ND	9.4
Fluoranthene	ND	9.4
Pyrene	ND	9.4

ND= Not Detected
RL= Reporting Limit

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW5.9-033005	Batch#:	100864
Lab ID:	178637-011	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.4
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.4
Chrysene	ND	9.4
bis(2-Ethylhexyl)phthalate	ND	9.4
Di-n-octylphthalate	ND	9.4
Benzo(b)fluoranthene	ND	9.4
Benzo(k)fluoranthene	ND	9.4
Benzo(a)pyrene	ND	9.4
Indeno(1,2,3-cd)pyrene	ND	9.4
Dibenz(a,h)anthracene	ND	9.4
Benzo(g,h,i)perylene	ND	9.4

Surrogate	%REC	Limits
2-Fluorophenol	64	41-120
Phenol-d5	60	41-120
2,4,6-Tribromophenol	73	38-120
Nitrobenzene-d5	55	47-120
2-Fluorobiphenyl	59	44-120
Terphenyl-d14	57	16-120

ND= Not Detected
RL= Reporting Limit

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289251	Batch#:	100864
Matrix:	Water	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

29.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289251	Batch#:	100864
Matrix:	Water	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	57	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	52	38-120
Nitrobenzene-d5	65	47-120
2-Fluorobiphenyl	64	44-120
Terphenyl-d14	57	16-120

ND= Not Detected
RL= Reporting Limit

29.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Matrix:	Water	Batch#:	100864
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/08/05

Type: BS Lab ID: QC289252

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	62.44	62	43-120
2-Chlorophenol	100.0	61.02	61	51-120
1,4-Dichlorobenzene	50.00	20.82	42	36-120
N-Nitroso-di-n-propylamine	50.00	32.64	65	45-120
1,2,4-Trichlorobenzene	50.00	25.38	51	38-120
4-Chloro-3-methylphenol	100.0	62.59	63	48-120
Acenaphthene	50.00	29.90	60	43-120
4-Nitrophenol	100.0	56.83	57	43-120
2,4-Dinitrotoluene	50.00	33.73	67	46-120
Pentachlorophenol	100.0	67.93	68	35-120
Pyrene	50.00	38.20	76	38-120

Surrogate	%REC	Limits
2-Fluorophenol	65	41-120
Phenol-d5	65	41-120
2,4,6-Tribromophenol	58	38-120
Nitrobenzene-d5	69	47-120
2-Fluorobiphenyl	58	44-120
Terphenyl-d14	64	16-120

Type: BSD Lab ID: QC289253

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	100.0	58.38	58	43-120	7	25
2-Chlorophenol	100.0	58.68	59	51-120	4	24
1,4-Dichlorobenzene	50.00	19.70	39	36-120	6	35
N-Nitroso-di-n-propylamine	50.00	30.64	61	45-120	6	27
1,2,4-Trichlorobenzene	50.00	23.75	48	38-120	7	30
4-Chloro-3-methylphenol	100.0	59.74	60	48-120	5	25
Acenaphthene	50.00	29.34	59	43-120	2	24
4-Nitrophenol	100.0	55.73	56	43-120	2	23
2,4-Dinitrotoluene	50.00	32.85	66	46-120	3	24
Pentachlorophenol	100.0	67.34	67	35-120	1	28
Pyrene	50.00	37.17	74	38-120	3	24

Surrogate	%REC	Limits
2-Fluorophenol	61	41-120
Phenol-d5	61	41-120
2,4,6-Tribromophenol	57	38-120
Nitrobenzene-d5	65	47-120
2-Fluorobiphenyl	56	44-120
Terphenyl-d14	62	16-120

RPD= Relative Percent Difference

30.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.4-032905	Batch#:	100865
Lab ID:	178637-001	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	138 *	44-120
Decachlorobiphenyl	89	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.7-032905	Batch#:	100865
Lab ID:	178637-002	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	115	44-120
Decachlorobiphenyl	106	50-128

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW3.9-032905	Batch#:	100865
Lab ID:	178637-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	112	44-120
Decachlorobiphenyl	112	50-128

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW4.3-033005	Batch#:	100865
Lab ID:	178637-005	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	148 *	44-120
Decachlorobiphenyl	131 *	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW4.4-033005	Batch#:	100865
Lab ID:	178637-006	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	131 *	44-120
Decachlorobiphenyl	126	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.4-032905	Batch#:	100865
Lab ID:	178637-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	151 *	44-120
Decachlorobiphenyl	100	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.6-033005	Batch#:	100865
Lab ID:	178637-008	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	132 *	44-120
Decachlorobiphenyl	137 *	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.7-033005	Batch#:	100865
Lab ID:	178637-009	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	137 *	44-120
Decachlorobiphenyl	78	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.8-033005	Batch#:	100865
Lab ID:	178637-010	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	135 *	44-120
Decachlorobiphenyl	155 *	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW5.9-033005	Batch#:	100865
Lab ID:	178637-011	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	149 *	44-120
Decachlorobiphenyl	104	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289254	Batch#:	100865
Matrix:	Water	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/09/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	138 *	44-120
Decachlorobiphenyl	104	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Matrix:	Water	Batch#:	100865
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/12/05

Type: BS Lab ID: QC289255

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1848	92	61-140
Heptachlor	0.2000	0.1870	93	53-143
Aldrin	0.2000	0.1745	87	60-120
Dieldrin	0.4000	0.3780	95	57-127
Endrin	0.4000	0.3694	92	59-136
4,4'-DDT	0.4000	0.4296	107	55-149

Surrogate	%REC	Limits
TCMX	98	44-120
Decachlorobiphenyl	113	50-128

Type: BSD Lab ID: QC289256

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.2000	0.1986	99	61-140	7	27
Heptachlor	0.2000	0.1944	97	53-143	4	28
Aldrin	0.2000	0.1819	91	60-120	4	25
Dieldrin	0.4000	0.3968	99	57-127	5	25
Endrin	0.4000	0.3652	91	59-136	1	25
4,4'-DDT	0.4000	0.4491	112	55-149	4	31

Surrogate	%REC	Limits
TCMX	100	44-120
Decachlorobiphenyl	102	50-128

RPD= Relative Percent Difference

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	03/31/05

Field ID:	MW3.4-032905	Sampled:	03/29/05
Type:	SAMPLE	Prepared:	04/02/05
Lab ID:	178637-001	Analyzed:	04/05/05
Batch#:	100767	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.96
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	115	52-124
Decachlorobiphenyl	137 *	18-120

Field ID:	MW3.7-032905	Sampled:	03/29/05
Type:	SAMPLE	Prepared:	04/02/05
Lab ID:	178637-002	Analyzed:	04/05/05
Batch#:	100767	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	102	52-124
Decachlorobiphenyl	123 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

2.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	03/31/05

Field ID:	MW3.8-032905	Sampled:	03/29/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-003	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	128 *	52-124
Decachlorobiphenyl	99	18-120

Field ID:	MW3.9-032905	Sampled:	03/29/05
Type:	SAMPLE	Prepared:	04/02/05
Lab ID:	178637-004	Analyzed:	04/05/05
Batch#:	100767	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	136 *	52-124
Decachlorobiphenyl	136 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

2.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	03/31/05

Field ID:	MW4.3-033005	Sampled:	03/30/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-005	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	120	52-124
Decachlorobiphenyl	113	18-120

Field ID:	MW4.4-033005	Sampled:	03/30/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-006	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	141 *	52-124
Decachlorobiphenyl	137 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

2.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	03/31/05

Field ID:	MW5.4-032905	Sampled:	03/29/05
Type:	SAMPLE	Prepared:	04/02/05
Lab ID:	178637-007	Analyzed:	04/05/05
Batch#:	100767	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	110	52-124
Decachlorobiphenyl	136 *	18-120

Field ID:	MW5.6-033005	Sampled:	03/30/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-008	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	127 *	52-124
Decachlorobiphenyl	122 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

2.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	03/31/05

Field ID:	MW5.7-033005	Sampled:	03/30/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-009	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	131 *	52-124
Decachlorobiphenyl	107	18-120

Field ID:	MW5.8-033005	Sampled:	03/30/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-010	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	133 *	52-124
Decachlorobiphenyl	138 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

2.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	03/31/05

Field ID:	MW5.9-033005	Sampled:	03/30/05
Type:	SAMPLE	Prepared:	04/03/05
Lab ID:	178637-011	Analyzed:	04/07/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.49
Aroclor-1221	ND	0.97
Aroclor-1232	ND	0.49
Aroclor-1242	ND	0.49
Aroclor-1248	ND	0.49
Aroclor-1254	ND	0.49
Aroclor-1260	ND	0.49

Surrogate	%REC	Limits
TCMX	138 *	52-124
Decachlorobiphenyl	116	18-120

Type:	BLANK	Prepared:	04/02/05
Lab ID:	QC288869	Analyzed:	04/04/05
Batch#:	100767	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	130 *	18-120

Type:	BLANK	Prepared:	04/03/05
Lab ID:	QC288907	Analyzed:	04/06/05
Batch#:	100780	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	113	52-124
Decachlorobiphenyl	94	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

2.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288870	Batch#:	100767
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/04/05

Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1242	5.000	7.180	144	67-148

Surrogate	%REC	Limits
TCMX	108	52-124
Decachlorobiphenyl	135 *	18-120

*= Value outside of QC limits; see narrative

3.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Field ID:	MW2.1-032805	Batch#:	100767
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: MS
Lab ID: QC288871
Cleanup Method: EPA 3665A

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1242	<0.2783	4.717	5.939	126	46-170

Surrogate	%REC	Limits
TCMX	106	52-124
Decachlorobiphenyl	127 *	18-120

Type: MSD
Lab ID: QC288872
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1242	4.717	6.272	133	46-170	5	35

Surrogate	%REC	Limits
TCMX	110	52-124
Decachlorobiphenyl	138 *	18-120

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100780
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/06/05

Type: BS
Lab ID: QC288908
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1242	5.000	5.965	119	67-148

Surrogate	%REC	Limits
TCMX	97	52-124
Decachlorobiphenyl	101	18-120

Type: BSD
Lab ID: QC288909
Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1242	5.000	5.621	112	67-148	6	25

Surrogate	%REC	Limits
TCMX	102	52-124
Decachlorobiphenyl	105	18-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.4-032905	Batch#:	100768
Lab ID:	178637-001	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	88	58-132
1-Methylnaphthalene (F)	88	56-135

ND= Not Detected
RL= Reporting Limit

54.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.7-032905	Batch#:	100768
Lab ID:	178637-002	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	78	58-132
1-Methylnaphthalene (F)	79	56-135

ND= Not Detected
RL= Reporting Limit

55.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.8-032905	Batch#:	100768
Lab ID:	178637-003	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	0.96
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.96
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	97	58-132
1-Methylnaphthalene (F)	97	56-135

ND= Not Detected
RL= Reporting Limit

56.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW3.9-032905	Batch#:	100768
Lab ID:	178637-004	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	0.94
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.94
Fluorene	ND	0.19
Phenanthrene	ND	0.09
Anthracene	ND	0.09
Fluoranthene	ND	0.19
Pyrene	ND	0.09
Benzo(a)anthracene	ND	0.09
Chrysene	ND	0.09
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.09
Benzo(a)pyrene	ND	0.09
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.09

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	72	58-132
1-Methylnaphthalene (F)	73	56-135

ND= Not Detected
RL= Reporting Limit

57.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW4.3-033005	Batch#:	100768
Lab ID:	178637-005	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	84	58-132
1-Methylnaphthalene (F)	84	56-135

ND= Not Detected
RL= Reporting Limit

58.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW4.4-033005	Batch#:	100768
Lab ID:	178637-006	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	103	58-132
1-Methylnaphthalene (F)	104	56-135

ND= Not Detected
RL= Reporting Limit

59.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.4-032905	Batch#:	100768
Lab ID:	178637-007	Sampled:	03/29/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.94
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.94
Fluorene	ND	0.19
Phenanthrene	ND	0.09
Anthracene	ND	0.09
Fluoranthene	ND	0.19
Pyrene	ND	0.09
Benzo(a)anthracene	ND	0.09
Chrysene	ND	0.09
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.09
Benzo(a)pyrene	ND	0.09
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.09

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	80	58-132
1-Methylnaphthalene (F)	81	56-135

ND= Not Detected
RL= Reporting Limit

60.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.6-033005	Batch#:	100768
Lab ID:	178637-008	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	87	58-132
1-Methylnaphthalene (F)	87	56-135

ND= Not Detected
RL= Reporting Limit

61.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.7-033005	Batch#:	100768
Lab ID:	178637-009	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	82	58-132
1-Methylnaphthalene (F)	84	56-135

ND= Not Detected
RL= Reporting Limit

62.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.8-033005	Batch#:	100768
Lab ID:	178637-010	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	78	58-132
1-Methylnaphthalene (F)	78	56-135

ND= Not Detected
RL= Reporting Limit

63.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW5.9-033005	Batch#:	100768
Lab ID:	178637-011	Sampled:	03/30/05
Matrix:	Water	Received:	03/31/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.96
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.96
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	83	58-132
1-Methylnaphthalene (F)	83	56-135

ND= Not Detected
RL= Reporting Limit

64.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288873	Batch#:	100768
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	97	58-132
1-Methylnaphthalene (F)	97	56-135

ND= Not Detected
RL= Reporting Limit

65.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288874	Batch#:	100768
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Spiked	Result	%REC	Limits
Naphthalene	10.00	10.05	101	67-120
Acenaphthylene	20.00	21.15	106	70-120
Acenaphthene	10.00	10.29	103	66-120
Fluorene	2.000	2.124	106	69-120
Phenanthrene	1.000	1.025	102	63-120
Anthracene	1.000	1.002	100	63-120
Benzo(k)fluoranthene	1.000	1.049	105	65-124
Indeno(1,2,3-cd)pyrene	1.000	1.115	112	62-123

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	94	58-132
1-Methylnaphthalene (F)	93	56-135

66.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW2.1-032805	Batch#:	100768
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/12/05

Type: MS Lab ID: QC288875

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<0.1505	9.434	8.796	93	42-122
Acenaphthylene	<0.3462	18.87	18.06	96	51-126
Acenaphthene	<0.3395	9.434	8.976	95	41-156
Fluorene	<0.04858	1.887	1.618	86	39-150
Phenanthrene	<0.008094	0.9434	0.9181	97	25-205
Anthracene	<0.007242	0.9434	0.9069	96	56-151
Benzo(k)fluoranthene	<0.004107	0.9434	0.8991	95	18-146
Indeno(1,2,3-cd)pyrene	<0.06134	0.9434	0.9372	99	55-159

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	87	58-132
1-Methylnaphthalene (F)	87	56-135

Type: MSD Lab ID: QC288876

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	9.434	8.435	89	42-122	4	36
Acenaphthylene	18.87	17.42	92	51-126	4	34
Acenaphthene	9.434	9.681	103	41-156	8	38
Fluorene	1.887	1.227	65	39-150	27	35
Phenanthrene	0.9434	0.8794	93	25-205	4	33
Anthracene	0.9434	0.8613	91	56-151	5	34
Benzo(k)fluoranthene	0.9434	0.8774	93	18-146	2	34
Indeno(1,2,3-cd)pyrene	0.9434	0.8663	92	55-159	8	33

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	86	58-132
1-Methylnaphthalene (F)	87	56-135

RPD= Relative Percent Difference

67.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.4-032905	Diln Fac:	1.000
Lab ID:	178637-001	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	12	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

34.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.7-032905	Diln Fac:	1.000
Lab ID:	178637-002	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	17	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

35.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178637	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GA-Pacific Sawmill
Field ID:	MW3.8-032905	Diln Fac:	1.000
Lab ID:	178637-003	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	31	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

36.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW3.9-032905	Diln Fac:	1.000
Lab ID:	178637-004	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	24	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	100947	04/07/05	04/07/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

37.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW4.3-033005	Diln Fac:	1.000
Lab ID:	178637-005	Sampled:	03/30/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	38	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

38.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW4.4-033005	Diln Fac:	1.000
Lab ID:	178637-006	Sampled:	03/30/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	96	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

39.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178637	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GA-Pacific Sawmill
Field ID:	MW5.4-032905	Diln Fac:	1.000
Lab ID:	178637-007	Sampled:	03/29/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	6.4	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

40.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.6-033005	Diln Fac:	1.000
Lab ID:	178637-008	Sampled:	03/30/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	8.3	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	150	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/13/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

41.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.7-033005	Diln Fac:	1.000
Lab ID:	178637-009	Sampled:	03/30/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	19	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	220	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

42.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.8-033005	Diln Fac:	1.000
Lab ID:	178637-010	Sampled:	03/30/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	78	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

43.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178637		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW5.9-033005	Diln Fac:	1.000
Lab ID:	178637-011	Sampled:	03/30/05
Matrix:	Filtrate	Received:	03/31/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Barium	230	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Copper	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100831	04/05/05	04/06/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

44.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289115	Batch#:	100831
Matrix:	Water	Prepared:	04/05/05
Units:	ug/L	Analyzed:	04/06/05

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

45.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Matrix:	Water	Batch#:	100831
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/06/05

Type: BS Lab ID: QC289116

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	523.0	105	78-120
Arsenic	100.0	103.0	103	74-132
Barium	2,000	2,042	102	80-120
Beryllium	50.00	53.68	107	80-120
Cadmium	50.00	54.64	109	80-120
Chromium	200.0	206.7	103	80-120
Cobalt	500.0	508.5	102	80-120
Copper	250.0	251.0	100	80-120
Lead	100.0	101.2	101	66-138
Molybdenum	400.0	415.9	104	80-120
Nickel	500.0	514.3	103	80-120
Selenium	100.0	99.12	99	58-142
Silver	50.00	51.40	103	80-120
Thallium	100.0	106.3	106	57-144
Vanadium	500.0	522.3	104	80-120
Zinc	500.0	531.6	106	80-120

Type: BSD Lab ID: QC289117

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	519.5	104	78-120	1	20
Arsenic	100.0	107.0	107	74-132	4	22
Barium	2,000	2,046	102	80-120	0	20
Beryllium	50.00	53.78	108	80-120	0	20
Cadmium	50.00	54.51	109	80-120	0	20
Chromium	200.0	207.9	104	80-120	1	20
Cobalt	500.0	510.5	102	80-120	0	20
Copper	250.0	251.8	101	80-120	0	20
Lead	100.0	100.3	100	66-138	1	25
Molybdenum	400.0	417.0	104	80-120	0	20
Nickel	500.0	517.5	104	80-120	1	20
Selenium	100.0	104.3	104	58-142	5	31
Silver	50.00	51.66	103	80-120	0	20
Thallium	100.0	108.1	108	57-144	2	30
Vanadium	500.0	523.4	105	80-120	0	20
Zinc	500.0	536.4	107	80-120	1	20

RPD= Relative Percent Difference

48.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Field ID:	ZZZZZZZZZZ	Batch#:	100831
MSS Lab ID:	178654-007	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/05/05
Diln Fac:	1.000	Analyzed:	04/06/05

Type: MS Lab ID: QC289118

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<2.041	500.0	527.2	105	68-127
Arsenic	8.460	100.0	114.8	106	63-151
Barium	1,407	2,000	3,303	95	79-120
Beryllium	<0.04843	50.00	50.13	100	80-120
Cadmium	0.4451	50.00	50.41	100	76-123
Chromium	5.495	200.0	202.3	98	79-120
Cobalt	1.224	500.0	464.2	93	80-120
Copper	34.84	250.0	318.9	114	80-120
Lead	1.138	100.0	91.79	91	49-155
Molybdenum	12.47	400.0	408.2	99	73-120
Nickel	86.59	500.0	552.9	93	74-120
Selenium	<3.292	100.0	99.02	99	44-156
Silver	1.097	50.00	56.79	111	72-124
Thallium	7.739	100.0	98.41	91	34-158
Vanadium	2.118	500.0	514.1	102	80-120
Zinc	107.7	500.0	593.8	97	79-123

Type: MSD Lab ID: QC289119

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	532.8	107	68-127	1	20
Arsenic	100.0	115.2	107	63-151	0	35
Barium	2,000	3,322	96	79-120	1	20
Beryllium	50.00	50.64	101	80-120	1	20
Cadmium	50.00	50.89	101	76-123	1	20
Chromium	200.0	204.5	100	79-120	1	20
Cobalt	500.0	467.5	93	80-120	1	20
Copper	250.0	321.8	115	80-120	1	20
Lead	100.0	93.02	92	49-155	1	34
Molybdenum	400.0	412.0	100	73-120	1	20
Nickel	500.0	560.0	95	74-120	1	20
Selenium	100.0	101.0	101	44-156	2	42
Silver	50.00	57.47	113	72-124	1	20
Thallium	100.0	95.63	88	34-158	3	47
Vanadium	500.0	520.0	104	80-120	1	20
Zinc	500.0	602.3	99	79-123	1	20

RPD= Relative Percent Difference

49.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	100947
Lab ID:	QC289579	Prepared:	04/07/05
Matrix:	Filtrate	Analyzed:	04/07/05
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

46.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100947
Matrix:	Filtrate	Prepared:	04/07/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC289581	5.000	4.970	99	80-120		
BSD	QC289582	5.000	5.260	105	80-120	6	20

RPD= Relative Percent Difference

50.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	100947
Field ID:	ZZZZZZZZZZ	Sampled:	03/28/05
MSS Lab ID:	178547-002	Received:	03/29/05
Matrix:	Filtrate	Prepared:	04/07/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC289583	<0.07957	5.000	5.080	102	80-120		
MSD	QC289584		5.000	4.930	99	80-120	3	20

RPD= Relative Percent Difference

51.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	101076
Lab ID:	QC290095	Prepared:	04/12/05
Matrix:	Filtrate	Analyzed:	04/12/05
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

47.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	101076
Matrix:	Filtrate	Prepared:	04/12/05
Units:	ug/L	Analyzed:	04/12/05
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC290096	5.000	5.290	106	80-120		
BSD	QC290097	5.000	5.330	107	80-120	1	20

RPD= Relative Percent Difference

52.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178637	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	101076
Field ID:	MW7.1-033105	Sampled:	03/31/05
MSS Lab ID:	178647-001	Received:	04/01/05
Matrix:	Filtrate	Prepared:	04/12/05
Units:	ug/L	Analyzed:	04/12/05
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC290098	<0.07957	5.000	4.970	99	80-120		
MSD	QC290099		5.000	4.870	97	80-120	2	20

RPD= Relative Percent Difference

53.0

Acton · Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No 4207

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHo	8270C SVOC's	8081A Org-Chl Pest	8082 PCB	8310 PAHs	SM5550 Tannin-Lignin	6010A/7470A Metals	Temperature				Comments
									*1		*2				*3					
178637-001		MW 3,4-0329 05	3/29/05	1320	GW	GB	1	C	X											*1 use Silica Gel Cleanup
		MW 3,4-0329 05	3/29/05	1320	GW	GB	2	C		X										*2 organochlorine Pesticides
		MW 3,4-0329 05	3/29/05	1320	GW	GB	1	C			X									*3 Metals, dissolved Field Filtered
		MW 3,4-0329 05	3/29/05	1320	GW	GB	1	C				X								
		MW 3,4-0329 05	3/29/05	1320	GW	GB	1	C					X							
		MW 3,4-0329 05	3/29/05	1320	GW	P	1	C						X						
		MW 3,4-0329 05	3/29/05	1320	GW	P	1	HNO3							X					
		Temperature Blank	3/29/05	—	W	P	1	C								X				one per cooler 6.0°C JW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	1625	Relinquished by:		
Received by: Mike Lukic	3/29/05	1625	Received by:		
Relinquished by: Mike Lukic	3/30/05	1330	Relinquished by:		
Received by: [signature]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature] (Print Name / Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4210

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPHd+TPHg	*2 8270C SVOCs	8081A Org-Chl Pest	8082 PCBs	8310 PAHs	SM5550 Lignin+Lignin	*3 6010A/7470A Metals	Temperature			Comments
175637-002		MW3,7-0329 05	3/29/05	1540	GW	GB	1	C	X										*1 use Silica Gel cleanup
		MW 3,7 -0329 05	3/29/05	1540	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 3,7 -0329 05	3/29/05	1540	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 3.7 -0329 05	3/29/05	1540	GW	GB	1	C				X							
		MW 3,7-0329 05	3/29/05	1540	GW	GB	1	C					X						
		MW 3,7-0329 05	3/29/05	1540	GW	P	1	C						X					
		MW 3,7-0329 05	3/29/05	1540	GW	P	1	HNO3							X				
		Temperature Blank	3/29/05	—	W	P	1	C								X			one per cooler 9.2°C
																			JAW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	1620	Relinquished by:		
Received by: Mike Lukrie	3/29/05	1620	Received by:		
Relinquished by: Mike Lukrie	3/30/05	1340	Relinquished by:		
Received by: Jerry G. Smith	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4211

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHo (*1)	8270C SVOCs	8081A OC-Chl Pest	8082 PCB (*2)	8310 PAHs	SM 5550 Immunoassay	6010A/7470A Metals (*3)	1-4 m prod turb			Comments
178637-003		MW3.8-032905	3/29/05	1500	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW3.8-032905	3/29/05	1500	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW3.8-032905	3/29/05	1500	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW3.8-032905	3/29/05	1500	GW	GB	1	C				X							
		MW3.8-032905	3/29/05	1500	GW	GB	1	C					X						
		MW3.8-032905	3/29/05	1500	GW	P	1	C						X					
		MW3.8-032905	3/29/05	1500	GW	P	1	HNO3							X				
		Temperature Blank	3/29/05	—	W	P	1	C								X			One per cooler 4.8°C
		Three 1L ambers arrived broken																	JAW 3-31-05
		JAW 3-31-05																	

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1625	Relinquished by:		
Received by: Mike Lukic	3/29/05	1625	Received by:		
Relinquished by: Mike Lukic	3/30/05	1330	Relinquished by:		
Received by: JAW E. Worth	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4212

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Requested Analysis: 8015B TPHd+TPHo; 8270C SVOCs; 8081 Org-chl Pest; 8082 PCB; 8310 PAHs; SM5550 Tannin+Lignin; 6010A/7471A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd+TPHo *1	8270C SVOCs	8081 Org-chl Pest *2	8082 PCB	8310 PAHs	SM5550 Tannin+Lignin *3	6010A/7471A Metals	Temperature		Comments
178637-004		MW3.9-0329 05	3/29/05	1420	GW	GB	1	C	X									*1 Use Silica Gel Cleanup
		MW3.9-0329 05	3/29/05	1420	GW	GB	2	C		X								*2 Organochloride Pesticides
		MW3.9-0329 05	3/29/05	1420	GW	GB	1	C			X							*3 Metals, dissolved Field Filtered
		MW3.9-0329 05	3/29/05	1420	GW	GB	1	C				X						
		MW3.9-0329 05	3/29/05	1420	GW	GB	1	C					X					
		MW3.9-0329 05	3/29/05	1420	GW	P	1	C						X				
		MW3.9-0329 05	3/29/05	1420	GW	P	1	HNO_3							X			
		Temperature Blank	3/29/05	—	W	P	1	C								X		one per cooler 4.6°C
		Two 1 L ambers arrived broken																JAW 3-31-05
		JAW 3-31-05																

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/29/05	1620	Relinquished by:		
Received by: [signature]	3/29/05	1620	Received by:		
Relinquished by: [signature]	3/30/05	1330	Relinquished by:		
Received by: [signature]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones [signature] Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody N° 4215

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd + TPHa *1	8270C SVOCs	8081A Org-Chl Pest *2	8082 PCB	8310 PAHs	SM5550 Tannin + Lignin	6010A/7470A Metals *3	Temperature			Comments
178637-005		MW-4.3-033005	3/30/05	1320	GW	GB	1	C	X										*1 use silica Gel cleanup
		MW 4.3-033005	3/30/05	1320	GW	GB	2	C		X									*2 organochloride Pesticides
		MW 4.3-033005	3/30/05	1320	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 4.3-033005	3/30/05	1320	GW	GB	1	C				X							
		MW 4.3-033005	3/30/05	1320	GW	GB	1	C					X						
		MW 4.3-033005	3/30/05	1320	GW	P	1	C						X					
		MW 4.3-033005	3/30/05	1320	GW	P	1	HNO_3							X				
		Temperature Blank	3/30/05	—	W	P	1	C								X			one per cooler 12.1°C
																			JEW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/30/05	1335	Relinquished by:		
Received by: Mike Lukric	3/30/05	1336	Received by:		
Relinquished by: Mike Lukric	3/30/05	1359	Relinquished by:		
Received by: [signature]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4216

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Requested Analysis: 8015B TPHd & TPHo; 8270C SVOCs; 8081A Org-Chl Pest; 8082 PCB; 8310 PAHs; SM5550 Tannin & Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPHd & TPHo	8270C SVOCs	*2 8081A Org-Chl Pest	8082 PCB	8310 PAHs	*3 SM5550 Tannin & Lignin	6010A/7470A Metals	Temperature			Comments
178637-006		MW 4.4-0330 05	3/30/05	1230	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW 4.4-0330 05	3/30/05	1230	GW	GB	2	C		X									*2 organochloride Pesticides
		MW 4.4-0330 05	3/30/05	1230	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 4.4-0330 05	3/30/05	1230	GW	GB	1	C				X							
		MW 4.4-0330 05	3/30/05	1230	GW	GB	1	C					X						
		MW 4.4-0330 05	3/30/05	1230	GW	P	1	C						X					
		MW 4.4-0330 05	3/30/05	1230	GW	P	1	HNO3							X				
		Temperature Blank	3/30/05	—	W	P	1	C								X			one per cooler 11.3°C
		Two 1L ambers arrived broken																	FAW 3-31-05
		FAW 3-31-05																	

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/30/05	1345	Relinquished by:		
Received by: Mike Lukic	3/30/05	1345	Received by:		
Relinquished by: Mike Lukic	3/30/05	1405	Relinquished by:		
Received by: [signature]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4221

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Hyslie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd & TPHg	8270C SVOC's	8081A Org-Chl Pest	8082 PCB	8310 PAH's	SM5550 Tannins & Lignin	6010A/7471A Metals	Temperature				Comments
									*1		*2				*3					
178637-007		MW 5.4-0329 05	3/29/05	0845	GW	GB	1	C	X											*1 use Silica Gel Cleanup
		MW 5.4-0329 05	3/29/05	0845	GW	GB	2	C		X										*2 Organochloride Pesticides
		MW 5.4-0329 05	3/29/05	0845	GW	GB	1	C			X									*3 Metals, dissolved Field Filtered
		MW 5.4-0329 05	3/29/05	0845	GW	GB	1	C				X								
		MW 5.4-0329 05	3/29/05	0845	GW	GB	1	C					X							
		MW 5.4-0329 05	3/29/05	0845	GW	P	1	C						X						
		MW 5.4-0329 05	3/29/05	0845	GW	P	1	HNO3							X					
		Temperature Blank	3/29/05	—	W	P	1	C								X				one per cooler ~~No temp blank in this cooler~~ 7.4°C

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/29/05	1105	Relinquished by:		
Received by: Mike Lukic	3/29/05	1105	Received by:		
Relinquished by: Mike Lukic	3/29/05	1155	Relinquished by:		
Received by: Tony Edwards	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4223

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	8015B TPHd+TPHg	8260C SVOCs	8081A Org-Chl Pest	8082 PCB	8310 PAHs	SM5550 Tannin+Lignin	6010A/7470A Metals	Temperature	Comments
									X1		X2				X3		
176637-008		MW 5.6-0330 05	3/30/05	0835	GW	GB	1	C	X								X1 Use Silica Gel Cleanup
		MW 5.6-0330 05	3/30/05	0835	GW	GB	2	C		X							X2 Organochloride Pesticides
		MW 5.6-0330 05	3/30/05	0835	GW	GB	1	C			X						X3 Metals, dissolved Field Filtered
		MW 5.6-0330 05	3/30/05	0835	GW	GB	1	C				X					
		MW 5.6-0330 05	3/30/05	0835	GW	GB	1	C					X				
		MW 5.6-0330 05	3/30/05	0835	GW	P	1	C						X			
		MW 5.6-0330 05	3/30/05	0835	GW	P	1	HNO3							X		
		Temperature Blank	3/30/05	—	W	P	1	C								X	one per cooler
		Two 1L ambers arrived broken.															No temp blank in this cooler
		JAW 3-31-05															JAW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/30/05	1200	Relinquished by:		
Received by: Mike Lukis	3/30/05	1200	Received by:		
Relinquished by: Mike Lukis	3/30/05	1400	Relinquished by:		
Received by: JAW [illegible]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01
Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT
[ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4224

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Requested Analysis: 8015B TPHd & TPHg; 8270C SVOC's; 8081A Org-Chl Pest; 8082 PCB; 8310 PAH's; SM5550 Tannin & Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	X1		X2				X3				Comments
178637-004		MW 5.7-03 30 05	3/30/05	0915	GW	GB	1	C	X										X1 Use Silica Gel Cleanup
		MW 5.7-03 30 05	3/30/05	0915	GW	GB	2	C		X									X2 Organochloride Pesticides
		MW 5.7-03 30 05	3/30/05	0915	GW	GB	1	C			X								X3 Metals, dissolved Field Filtered
		MW 5.7-03 30 05	3/30/05	0915	GW	GB	1	C				X							
		MW 5.7-03 30 05	3/30/05	0915	GW	GB	1	C					X						
		MW 5.7-03 30 05	3/30/05	0915	GW	P	1	C						X					
		MW 5.7-03 30 05	3/30/05	0915	GW	P	1	HNO3							X				
		Temperature Blank	3/30/05	—	W	P	1	C								X			one per cooler
																			No temp blank in this cooler
		one 1L amber arrived broken			FGW 3-31-05														FGW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/30/05	1200	Relinquished by:		
Received by: Mike Lukic	3/30/05	1200	Received by:		
Relinquished by: Mike Lukic	3/30/05	1400	Relinquished by:		
Received by: [signature]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkin
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4225

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPHd & TPHg	8270C SVOCs	*2 8081A Organochlorine Pesticides	8082 PCBs	8310 PAHs	*3 6010A/7470A Metals	5M5550 Ammonia-Lagoon	Temperature	Comments
175637-010		MW5.8-033005	3/30/05	0755	GW	GB	1	C	X								*1 use Silica Gel Cleanup
		MW5.8-033005	3/30/05	0755	GW	GB	2	C		X							*2 Organochlorine Pesticides
		MW5.8-033005	3/30/05	0755	GW	GB	1	C			X						*3 Metals, dissolved Field Filtered
		MW5.8-033005	3/30/05	0755	GW	GB	1	C				X					
		MW5.8-033005	3/30/05	0755	GW	GB	1	C					X				
		MW5.8-033005	3/30/05	0755	GW	P	1	C						X			
		MW5.8-033005	3/30/05	0755	GW	P	1	HNO3							X		
		Temperature Blank	3/30/05	—	W	P	1	C								X	one per cooler No temp blank in this cooler
	one of the 1L amber bottles arrived with the cap not on properly and about 9/10ths of the sample had spilled out. TGW 3-31-05																TGW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/30/05	1200	Relinquished by:		
Received by: Mike Lufkin	3/30/05	1200	Received by:		
Relinquished by: Mike Lufkin	3/30/05	1400	Relinquished by:		
Received by: Tony E. Wanek	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

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Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☐ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☐ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4226

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Requested Analysis: 8015B TPH-d & TPH-o; 8270C SVOC's; 8081A Org-Chl. Pest; 8082 PCB; 8310 PAH's; SM5550 Tannin & Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPH-d & TPH-o	8270C SVOC's	*2 8081A Org-Chl. Pest	8082 PCB	8310 PAH's	*3 SM5550 Tannin & Lignin	6010A/7470A Metals	Temperature			Comments
178637-011		MW5.9-033005	3/30/05	1000	GW	GB	1	C	X										*1 use Silica Gel Cleanup
		MW5.9-033005	3/30/05	1000	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW5.9-033005	3/30/05	1000	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW5.9-033005	3/30/05	1000	GW	GB	1	C				X							
		MW5.9-033005	3/30/05	1000	GW	GB	1	C					X						
		MW5.9-033005	3/30/05	1000	GW	P	1	C						X					
		MW5.9-033005	3/30/05	1000	GW	P	1	HNO_3							X				
		Temperature Blank	3/30/05	—	W	P	1	C								X			one per cooler 10.8°C FGW 3-31-05

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/30/05	1200	Relinquished by:		
Received by: [signature]	3/30/05	1200	Received by:		
Relinquished by: [signature]	3/30/05	1400	Relinquished by:		
Received by: [signature]	3-31-05	1000	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) [signature] (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

0504062

Project Number: 178637
Site: Former GA-Pacific Sawmill

Subcontract Laboratory:
North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521
(707) 822-4649
ATTN: Loretta

Results due: 12-APR-2005 Report Level: II
JEW 4-1-05

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
MW3.4-032905	03/29	Water	TANNIN/LIGNIN	178637-001	
MW3.7-032905	03/29	Water	TANNIN/LIGNIN	178637-002	
MW3.8-032905	03/29	Water	TANNIN/LIGNIN	178637-003	
MW3.9-032905	03/29	Water	TANNIN/LIGNIN	178637-004	
MW4.3-033005	03/30	Water	TANNIN/LIGNIN	178637-005	
MW4.4-033005	03/30	Water	TANNIN/LIGNIN	178637-006	
MW5.4-032905	03/29	Water	TANNIN/LIGNIN	178637-007	
MW5.6-033005	03/30	Water	TANNIN/LIGNIN	178637-008	
MW5.7-033005	03/30	Water	TANNIN/LIGNIN	178637-009	
MW5.8-033005	03/30	Water	TANNIN/LIGNIN	178637-010	
MW5.9-033005	03/30	Water	TANNIN/LIGNIN	178637-011	

Cooler Temp=3.6C

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date/Time: 4/1/5 1500	Date/Time: 4/4/05 1445

Signature on this form constitutes a firm Purchase Order for the services requested above.

NORTH COAST LABORATORIES LTD.

April 12, 2005

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Attn: Lisa Brooker

RE: 178637

Order No.: 0504062
Invoice No.: 49307
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW3.4-032905
02A	MW3.7-032905
03A	MW3.8-032905
04A	MW3.9-032905
05A	MW4.3-033005
06A	MW4.4-033005
07A	MW5.4-032905
08A	MW5.6-033005
09A	MW5.7-033005
10A	MW5.8-033005
11A	MW5.9-033005

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road ◦ Arcata California 95521-9202 ◦ 707-822-4649 ◦ FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *12-Apr-05*

CLIENT: Curtis & Tompkins, Ltd.
Project: 178637
Lab Order: 0504062

CASE NARRATIVE

Tannin and Lignin:
Individual chemicals are not differentiated by this method. Analytical results represent substances which reduce Folin phenol reagent.

Date: 12-Apr-05
WorkOrder: 0504062

ANALYTICAL REPORT

Client Sample ID: MW3.4-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-01A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.7-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-02A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.8-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-03A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.35	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.9-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-04A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.18	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW4.3-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-05A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.9	0.10	mg/L	1.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504062

ANALYTICAL REPORT

Client Sample ID: MW4.4-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-06A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.1	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.4-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-07A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.4	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.6-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-08A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	4.7	0.20	mg/L	2.0		4/11/05

Client Sample ID: MW5.7-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-09A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.5	0.20	mg/L	2.0		4/11/05

Client Sample ID: MW5.8-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-10A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.12	0.10	mg/L	1.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504062

ANALYTICAL REPORT

Client Sample ID: MW5.9-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-11A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.95	0.10	mg/L	1.0		4/11/05

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504062
Project: 178637

QC SUMMARY REPORT

Method Blank

Sample ID: **MBLK** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:

Client ID: Run ID: **WC_050411F** SeqNo: **497415**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	ND	0.10									

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504062
Project: 178637

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411F** SeqNo: **497416**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.016	0.10	1.00	0	102%	87	121	0			

Sample ID: **LCSD** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411F** SeqNo: **497417**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.056	0.10	1.00	0	106%	87	121	1.02	3.86%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

16017.01/8

FILE COPY

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

Acton Mickelson Environmental
5175 Hillsdale Cir
El Dorado Hills, CA 95762

Date: 25-APR-05
Lab Job Number: 178647
Project ID: 16017.01
Location: Former GA-Pacific Sawmill

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

This package may be reproduced only in its entirety.

NELAP # 01107CA

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178647**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GA-Pacific Sawmill**
Request Date:	**04/01/05**
Samples Received:	**04/01/05**

This hardcopy data package contains sample and QC results for seventeen water samples, requested for the above referenced project on 04/01/05. The samples were received intact and cool, but one cooler was received above 6 degrees C. Several coolers arrived with broken or unsealed containers in them. Please see the attachment to the cooler receipt checklist. Every effort was made to provide results for the analyses requested using the remaining sample amount.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
Response exceeding the instrument's linear range was observed for hexacosane in MW10.1-033105 (lab # 178647-002); affected data was qualified with "b". No target analytes were detected at or above the RL in the sample. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
N-butylbenzene and 1,2,3-trichlorobenzene were detected above the RL in the method blank for batch 100790 and the method blank for batch 100955; these analytes were not detected in samples at or above the RL. No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
Analysis was not performed for sample MW4.2-033005 (178647-006) due to insufficient sample amount from transport breakage. The sample was initially extracted, but the extract evaporated during the extraction process and could not be recovered. No other analytical problems were encountered.

Pesticides (EPA 8081A):
High surrogate recoveries were observed for TCMX in many samples; the corresponding decachlorobiphenyl surrogate recoveries were within limits, and no target analytes were detected in these samples. No other analytical problems were encountered.

PCBs (EPA 8082):
High surrogate recoveries were observed for decachlorobiphenyl in a number of samples; the corresponding TCMX surrogate recoveries were within limits, and no target analytes were detected in these samples. Analysis was not performed for sample MW4.2-033005 (178647-006) due to insufficient sample amount from transport breakage. No other analytical problems were encountered.

#
83.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

CASE NARRATIVE

Laboratory number:	**178647**
Client:	**Acton Mickelson Environmental**
Project:	**16017.01**
Location:	**Former GA-Pacific Sawmill**
Request Date:	**04/01/05**
Samples Received:	**04/01/05**

Polynuclear Aromatics by HPLC (EPA 8310):
178647-001 and 178647-002 were prepared 24 hours outside of hold time; affected data was qualified with "b". Due to an error, the LIMS hold date was off by 24 hours. High recoveries were observed for many analytes in the LCS for batch 101011; these analytes were not detected at or above the RL in the associated samples. High surrogate recoveries were observed for 1-methylnaphthalene (F) and 1-methylnaphthalene (UV) in MWDUP3-033105 (lab # 178647-004) and the LCS for batch 101011. No analytes were detected at or above the RL in all the samples in batch 101011. No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Tannins & Lignins (SMWW 5550):
North Coast Laboratories, Ltd. in Arcata, CA performed the analysis. Please see the North Coast Laboratories, Ltd. case narrative.

#
83.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	04/01/05

Field ID:	MW7.1-033105	Batch#:	100733
Type:	SAMPLE	Sampled:	03/31/05
Lab ID:	178647-001	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	63-141
Bromofluorobenzene (FID)	97	79-139

Field ID:	MW10.1-033105	Batch#:	100733
Type:	SAMPLE	Sampled:	03/31/05
Lab ID:	178647-002	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	94	79-139

Field ID:	MW10.2-033105	Batch#:	100733
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-003	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	85	63-141
Bromofluorobenzene (FID)	95	79-139

Field ID:	MWDUP3-033105	Batch#:	100733
Type:	SAMPLE	Sampled:	03/31/05
Lab ID:	178647-004	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	82	63-141
Bromofluorobenzene (FID)	94	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	04/01/05

Field ID:	MW4.1-033005	Batch#:	100733
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-005	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	63-141
Bromofluorobenzene (FID)	96	79-139

Field ID:	MW4.2-033005	Batch#:	100733
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-006	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	85	63-141
Bromofluorobenzene (FID)	94	79-139

Field ID:	MW3.4-032905-TB	Batch#:	100733
Type:	SAMPLE	Sampled:	03/29/05
Lab ID:	178647-007	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	82	63-141
Bromofluorobenzene (FID)	93	79-139

Field ID:	MW3.9-032905	Batch#:	100771
Type:	SAMPLE	Sampled:	03/29/05
Lab ID:	178647-008	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	93	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	04/01/05

Field ID:	MW3.8-032905	Batch#:	100771
Type:	SAMPLE	Sampled:	03/29/05
Lab ID:	178647-009	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	83	63-141
Bromofluorobenzene (FID)	94	79-139

Field ID:	MW3.7-032905	Batch#:	100771
Type:	SAMPLE	Sampled:	03/29/05
Lab ID:	178647-010	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	85	63-141
Bromofluorobenzene (FID)	94	79-139

Field ID:	MW3.4-032905	Batch#:	100771
Type:	SAMPLE	Sampled:	03/29/05
Lab ID:	178647-011	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	87	63-141
Bromofluorobenzene (FID)	96	79-139

Field ID:	MW5.8-033005	Batch#:	100771
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-012	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	63-141
Bromofluorobenzene (FID)	96	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	04/01/05

Field ID:	MW5.6-033005	Batch#:	100771
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-013	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	87	63-141
Bromofluorobenzene (FID)	97	79-139

Field ID:	MW5.7-033005	Batch#:	100771
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-014	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	63-141
Bromofluorobenzene (FID)	107	79-139

Field ID:	MW5.9-033005	Batch#:	100771
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-015	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	81	63-141
Bromofluorobenzene (FID)	92	79-139

Field ID:	MW4.4-033005	Batch#:	100771
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-016	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	87	63-141
Bromofluorobenzene (FID)	99	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Diln Fac:	1.000
Units:	ug/L	Received:	04/01/05

Field ID:	MW4.3-033005	Batch#:	100771
Type:	SAMPLE	Sampled:	03/30/05
Lab ID:	178647-017	Analyzed:	04/04/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	63-141
Bromofluorobenzene (FID)	97	79-139

Type:	BLANK	Batch#:	100733
Lab ID:	QC288730	Analyzed:	04/01/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	84	63-141
Bromofluorobenzene (FID)	92	79-139

Type:	BLANK	Batch#:	100771
Lab ID:	QC288885	Analyzed:	04/03/05

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	90	63-141
Bromofluorobenzene (FID)	102	79-139

ND= Not Detected
RL= Reporting Limit

2.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288732	Batch#:	100733
Matrix:	Water	Analyzed:	04/01/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,172	109	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	63-141
Bromofluorobenzene (FID)	98	79-139

3.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW7.1-033105	Batch#:	100733
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288783

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<23.71	2,000	1,953	98	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	63-141
Bromofluorobenzene (FID)	97	79-139

Type: MSD Lab ID: QC288784

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,961	98	80-120	0	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	63-141
Bromofluorobenzene (FID)	99	79-139

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288886	Batch#:	100771
Matrix:	Water	Analyzed:	04/03/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,056	103	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	63-141
Bromofluorobenzene (FID)	110	79-139

5.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW4.4-033005	Batch#:	100771
MSS Lab ID:	178647-016	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/03/05
Diln Fac:	1.000		

Type: MS Lab ID: QC288891

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	28.62	2,000	2,061	102	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	63-141
Bromofluorobenzene (FID)	99	79-139

Type: MSD Lab ID: QC288892

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,009	99	80-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	63-141
Bromofluorobenzene (FID)	97	79-139

RPD= Relative Percent Difference

6.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101152
Units:	ug/L	Received:	04/01/05
Diln Fac:	1.000	Prepared:	04/13/05

Field ID:	MW7.1-033105	Sampled:	03/31/05
Type:	SAMPLE	Analyzed:	04/16/05
Lab ID:	178647-001	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	92	55-143

Field ID:	MW10.1-033105	Sampled:	03/31/05
Type:	SAMPLE	Analyzed:	04/16/05
Lab ID:	178647-002	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	142 >LR b	55-143

Field ID:	MW10.2-033105	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/16/05
Lab ID:	178647-003	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	95	55-143

Field ID:	MWDUP3-033105	Sampled:	03/31/05
Type:	SAMPLE	Analyzed:	04/16/05
Lab ID:	178647-004	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	101	55-143

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

67.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Total Extractable Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	101152
Units:	ug/L	Received:	04/01/05
Diln Fac:	1.000	Prepared:	04/13/05

Field ID:	MW4.1-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/16/05
Lab ID:	178647-005	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	105	55-143

Field ID:	MW4.2-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/16/05
Lab ID:	178647-006	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	119	55-143

Type:	BLANK	Analyzed:	04/15/05
Lab ID:	QC290385	Cleanup Method:	EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50
Motor Oil C24-C36	ND	300

Surrogate	%REC	Limits
Hexacosane	90	55-143

b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

67.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC290386	Batch#:	101152
Matrix:	Water	Prepared:	04/13/05
Units:	ug/L	Analyzed:	04/15/05

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	3,050	122	50-133

Surrogate	%REC	Limits
Hexacosane	116	55-143

68.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8015B
Field ID:	MW7.1-033105	Batch#:	101152
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/13/05
Diln Fac:	1.000		

Type: MS
Lab ID: QC290387
Analyzed: 04/16/05
Cleanup Method: EPA 3630C

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	<15.95	2,500	2,567	103	42-127

Surrogate	%REC	Limits
Hexacosane	109	55-143

Type: MSD
Lab ID: QC290388
Analyzed: 04/15/05
Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	3,099	124	42-127	19	45

Surrogate	%REC	Limits
Hexacosane	123	55-143

RPD= Relative Percent Difference

69.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW7.1-033105	Batch#:	100995
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/08/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.5	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW7.1-033105	Batch#:	100995
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/08/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	122	80-124

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW10.1-033105	Batch#:	100790
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW10.1-033105	Batch#:	100790
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	113	80-122
Toluene-d8	103	80-120
Bromofluorobenzene	108	80-124

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW10.2-033105	Batch#:	100790
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.5	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW10.2-033105	Batch#:	100790
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	114	80-122
Toluene-d8	103	80-120
Bromofluorobenzene	108	80-124

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MWDUP3-033105	Batch#:	100790
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MWDUP3-033105	Batch#:	100790
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	114	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	109	80-124

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.1-033005	Batch#:	100868
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.1-033005	Batch#:	100868
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	91	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	91	80-124

ND= Not Detected
RL= Reporting Limit

11.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.2-033005	Batch#:	100868
Lab ID:	178647-006	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.2-033005	Batch#:	100868
Lab ID:	178647-006	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	98	80-124

ND= Not Detected
RL= Reporting Limit

12.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.4-032905-TB	Batch#:	100868
Lab ID:	178647-007	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.4-032905-TB	Batch#:	100868
Lab ID:	178647-007	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	98	80-122
Toluene-d8	98	80-120
Bromofluorobenzene	101	80-124

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.9-032905	Batch#:	100868
Lab ID:	178647-008	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.9-032905	Batch#:	100868
Lab ID:	178647-008	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	103	80-120
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	92	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

14.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.8-032905	Batch#:	100868
Lab ID:	178647-009	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/06/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.8-032905	Batch#:	100868
Lab ID:	178647-009	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/06/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	109	80-120
1,2-Dichloroethane-d4	109	80-122
Toluene-d8	97	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

15.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.7-032905	Batch#:	101003
Lab ID:	178647-010	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/08/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.7-032905	Batch#:	101003
Lab ID:	178647-010	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/08/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	90	80-122
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

16.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.4-032905	Batch#:	100955
Lab ID:	178647-011	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.8	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW3.4-032905	Batch#:	100955
Lab ID:	178647-011	Sampled:	03/29/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	99	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

17.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.8-033005	Batch#:	100955
Lab ID:	178647-012	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.8-033005	Batch#:	100955
Lab ID:	178647-012	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	103	80-124

ND= Not Detected
RL= Reporting Limit

18.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.6-033005	Batch#:	100955
Lab ID:	178647-013	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	0.5	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.8	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.6-033005	Batch#:	100955
Lab ID:	178647-013	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	104	80-124

ND= Not Detected
RL= Reporting Limit

19.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.7-033005	Batch#:	100955
Lab ID:	178647-014	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	1.8	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.7-033005	Batch#:	100955
Lab ID:	178647-014	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-124

ND= Not Detected
RL= Reporting Limit

20.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.9-033005	Batch#:	100955
Lab ID:	178647-015	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.8	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW5.9-033005	Batch#:	100955
Lab ID:	178647-015	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

21.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.4-033005	Batch#:	100955
Lab ID:	178647-016	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.6	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.4-033005	Batch#:	100955
Lab ID:	178647-016	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	101	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

22.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.3-033005	Batch#:	100955
Lab ID:	178647-017	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	0.7	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW4.3-033005	Batch#:	100955
Lab ID:	178647-017	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/07/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	108	80-120
1,2-Dichloroethane-d4	103	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	106	80-124

ND= Not Detected
RL= Reporting Limit

23.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	100790
Units:	ug/L	Analyzed:	04/04/05
Diln Fac:	1.000		

Type: BS Lab ID: QC288945

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	24.26	97	75-121
Benzene	25.00	24.69	99	80-120
Trichloroethene	25.00	25.86	103	78-120
Toluene	25.00	25.34	101	80-120
Chlorobenzene	25.00	25.49	102	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	98	80-124

Type: BSD Lab ID: QC288946

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	24.35	97	75-121	0	20
Benzene	25.00	24.56	98	80-120	1	20
Trichloroethene	25.00	25.55	102	78-120	1	20
Toluene	25.00	25.26	101	80-120	0	20
Chlorobenzene	25.00	25.28	101	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	98	80-124

RPD= Relative Percent Difference

29.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288947	Batch#:	100790
Matrix:	Water	Analyzed:	04/04/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

24.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288947	Batch#:	100790
Matrix:	Water	Analyzed:	04/04/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	1.1	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	1.5	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	107	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	105	80-124

ND= Not Detected
RL= Reporting Limit

24.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	100868
Units:	ug/L	Analyzed:	04/05/05
Diln Fac:	1.000		

Type: BS Lab ID: QC289260

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.66	95	75-121
Benzene	25.00	22.92	92	80-120
Trichloroethene	25.00	24.15	97	78-120
Toluene	25.00	24.24	97	80-120
Chlorobenzene	25.00	24.35	97	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	91	80-122
Toluene-d8	98	80-120
Bromofluorobenzene	92	80-124

Type: BSD Lab ID: QC289261

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.24	93	75-121	2	20
Benzene	25.00	22.66	91	80-120	1	20
Trichloroethene	25.00	24.20	97	78-120	0	20
Toluene	25.00	24.50	98	80-120	1	20
Chlorobenzene	25.00	23.22	93	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-120
1,2-Dichloroethane-d4	91	80-122
Toluene-d8	105	80-120
Bromofluorobenzene	93	80-124

RPD= Relative Percent Difference

30.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289262	Batch#:	100868
Matrix:	Water	Analyzed:	04/05/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

25.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289262	Batch#:	100868
Matrix:	Water	Analyzed:	04/05/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	97	80-124

ND= Not Detected
RL= Reporting Limit

25.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289607	Batch#:	100955
Matrix:	Water	Analyzed:	04/07/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.35	105	75-121
Benzene	25.00	25.30	101	80-120
Trichloroethene	25.00	26.19	105	78-120
Toluene	25.00	26.37	105	80-120
Chlorobenzene	25.00	26.07	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	94	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	94	80-124

31.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289608	Batch#:	100955
Matrix:	Water	Analyzed:	04/07/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289608	Batch#:	100955
Matrix:	Water	Analyzed:	04/07/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	1.1	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	1.5	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	100	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

26.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289765	Batch#:	100995
Matrix:	Water	Analyzed:	04/08/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	26.86	107	75-121
Benzene	25.00	24.81	99	80-120
Trichloroethene	25.00	24.54	98	78-120
Toluene	25.00	25.11	100	80-120
Chlorobenzene	25.00	24.43	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	99	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	114	80-124

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289768	Batch#:	100995
Matrix:	Water	Analyzed:	04/08/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

27.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289768	Batch#:	100995
Matrix:	Water	Analyzed:	04/08/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	119	80-124

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Field ID:	MW7.1-033105	Batch#:	100995
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Analyzed:	04/09/05
Diln Fac:	1.000		

Type: MS Lab ID: QC289789

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.08940	25.00	28.33	113	70-124
Benzene	<0.02734	25.00	25.30	101	79-120
Trichloroethene	0.1358	25.00	24.82	99	71-120
Toluene	0.5403	25.00	25.70	101	77-120
Chlorobenzene	<0.04954	25.00	24.90	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	102	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	111	80-124

Type: MSD Lab ID: QC289790

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	29.97	120	70-124	6	20
Benzene	25.00	26.55	106	79-120	5	20
Trichloroethene	25.00	25.98	103	71-120	5	20
Toluene	25.00	26.58	104	77-120	3	20
Chlorobenzene	25.00	25.47	102	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-120
1,2-Dichloroethane-d4	101	80-122
Toluene-d8	102	80-120
Bromofluorobenzene	110	80-124

RPD= Relative Percent Difference

33.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	101003
Units:	ug/L	Analyzed:	04/08/05
Diln Fac:	1.000		

Type: BS Lab ID: QC289802

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.84	95	75-121
Benzene	25.00	24.97	100	80-120
Trichloroethene	25.00	24.22	97	78-120
Toluene	25.00	26.97	108	80-120
Chlorobenzene	25.00	24.66	99	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	90	80-120
1,2-Dichloroethane-d4	93	80-122
Toluene-d8	104	80-120
Bromofluorobenzene	98	80-124

Type: BSD Lab ID: QC289803

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	22.85	91	75-121	4	20
Benzene	25.00	24.19	97	80-120	3	20
Trichloroethene	25.00	23.46	94	78-120	3	20
Toluene	25.00	25.69	103	80-120	5	20
Chlorobenzene	25.00	23.78	95	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	91	80-120
1,2-Dichloroethane-d4	92	80-122
Toluene-d8	103	80-120
Bromofluorobenzene	98	80-124

RPD= Relative Percent Difference

34.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289804	Batch#:	101003
Matrix:	Water	Analyzed:	04/08/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	5.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5

ND= Not Detected
RL= Reporting Limit

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 5030B
Project#:	16017.01	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289804	Batch#:	101003
Matrix:	Water	Analyzed:	04/08/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	97	80-122
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-124

ND= Not Detected
RL= Reporting Limit

28.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW7.1-033105	Batch#:	100919
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.6
Phenol	ND	9.6
bis(2-Chloroethyl)ether	ND	9.6
2-Chlorophenol	ND	9.6
1,3-Dichlorobenzene	ND	9.6
1,4-Dichlorobenzene	ND	9.6
Benzyl alcohol	ND	9.6
1,2-Dichlorobenzene	ND	9.6
2-Methylphenol	ND	9.6
bis(2-Chloroisopropyl) ether	ND	9.6
4-Methylphenol	ND	9.6
N-Nitroso-di-n-propylamine	ND	9.6
Hexachloroethane	ND	9.6
Nitrobenzene	ND	9.6
Isophorone	ND	9.6
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.6
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.6
2,4-Dichlorophenol	ND	9.6
1,2,4-Trichlorobenzene	ND	9.6
Naphthalene	ND	9.6
4-Chloroaniline	ND	9.6
Hexachlorobutadiene	ND	9.6
4-Chloro-3-methylphenol	ND	9.6
2-Methylnaphthalene	ND	9.6
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.6
2,4,5-Trichlorophenol	ND	9.6
2-Chloronaphthalene	ND	9.6
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.6
Acenaphthylene	ND	9.6
2,6-Dinitrotoluene	ND	9.6
3-Nitroaniline	ND	19
Acenaphthene	ND	9.6
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.6
2,4-Dinitrotoluene	ND	9.6
Diethylphthalate	ND	9.6
Fluorene	ND	9.6
4-Chlorophenyl-phenylether	ND	9.6
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.6
Azobenzene	ND	9.6
4-Bromophenyl-phenylether	ND	9.6
Hexachlorobenzene	ND	9.6
Pentachlorophenol	ND	19
Phenanthrene	ND	9.6
Anthracene	ND	9.6
Di-n-butylphthalate	ND	9.6
Fluoranthene	ND	9.6
Pyrene	ND	9.6

ND= Not Detected
RL= Reporting Limit

59.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW7.1-033105	Batch#:	100919
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.6
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.6
Chrysene	ND	9.6
bis(2-Ethylhexyl)phthalate	ND	9.6
Di-n-octylphthalate	ND	9.6
Benzo(b)fluoranthene	ND	9.6
Benzo(k)fluoranthene	ND	9.6
Benzo(a)pyrene	ND	9.6
Indeno(1,2,3-cd)pyrene	ND	9.6
Dibenz(a,h)anthracene	ND	9.6
Benzo(g,h,i)perylene	ND	9.6

Surrogate	%REC	Limits
2-Fluorophenol	78	41-120
Phenol-d5	72	41-120
2,4,6-Tribromophenol	85	38-120
Nitrobenzene-d5	64	47-120
2-Fluorobiphenyl	69	44-120
Terphenyl-d14	79	16-120

ND= Not Detected
RL= Reporting Limit

59.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.1-033105	Batch#:	100919
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

60.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.1-033105	Batch#:	100919
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	54	41-120
Phenol-d5	51	41-120
2,4,6-Tribromophenol	54	38-120
Nitrobenzene-d5	48	47-120
2-Fluorobiphenyl	49	44-120
Terphenyl-d14	61	16-120

ND= Not Detected
RL= Reporting Limit

60.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.2-033105	Batch#:	100919
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

61.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW10.2-033105	Batch#:	100919
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	56	41-120
Phenol-d5	51	41-120
2,4,6-Tribromophenol	54	38-120
Nitrobenzene-d5	48	47-120
2-Fluorobiphenyl	52	44-120
Terphenyl-d14	62	16-120

ND= Not Detected
RL= Reporting Limit

61.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MWDUP3-033105	Batch#:	100919
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

62.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MWDUP3-033105	Batch#:	100919
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	58	41-120
Phenol-d5	53	41-120
2,4,6-Tribromophenol	58	38-120
Nitrobenzene-d5	51	47-120
2-Fluorobiphenyl	50	44-120
Terphenyl-d14	65	16-120

ND= Not Detected
RL= Reporting Limit

62.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW4.1-033005	Batch#:	100919
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	9.5
Phenol	ND	9.5
bis(2-Chloroethyl)ether	ND	9.5
2-Chlorophenol	ND	9.5
1,3-Dichlorobenzene	ND	9.5
1,4-Dichlorobenzene	ND	9.5
Benzyl alcohol	ND	9.5
1,2-Dichlorobenzene	ND	9.5
2-Methylphenol	ND	9.5
bis(2-Chloroisopropyl) ether	ND	9.5
4-Methylphenol	ND	9.5
N-Nitroso-di-n-propylamine	ND	9.5
Hexachloroethane	ND	9.5
Nitrobenzene	ND	9.5
Isophorone	ND	9.5
2-Nitrophenol	ND	19
2,4-Dimethylphenol	ND	9.5
Benzoic acid	ND	48
bis(2-Chloroethoxy)methane	ND	9.5
2,4-Dichlorophenol	ND	9.5
1,2,4-Trichlorobenzene	ND	9.5
Naphthalene	ND	9.5
4-Chloroaniline	ND	9.5
Hexachlorobutadiene	ND	9.5
4-Chloro-3-methylphenol	ND	9.5
2-Methylnaphthalene	ND	9.5
Hexachlorocyclopentadiene	ND	19
2,4,6-Trichlorophenol	ND	9.5
2,4,5-Trichlorophenol	ND	9.5
2-Chloronaphthalene	ND	9.5
2-Nitroaniline	ND	19
Dimethylphthalate	ND	9.5
Acenaphthylene	ND	9.5
2,6-Dinitrotoluene	ND	9.5
3-Nitroaniline	ND	19
Acenaphthene	ND	9.5
2,4-Dinitrophenol	ND	19
4-Nitrophenol	ND	19
Dibenzofuran	ND	9.5
2,4-Dinitrotoluene	ND	9.5
Diethylphthalate	ND	9.5
Fluorene	ND	9.5
4-Chlorophenyl-phenylether	ND	9.5
4-Nitroaniline	ND	19
4,6-Dinitro-2-methylphenol	ND	19
N-Nitrosodiphenylamine	ND	9.5
Azobenzene	ND	9.5
4-Bromophenyl-phenylether	ND	9.5
Hexachlorobenzene	ND	9.5
Pentachlorophenol	ND	19
Phenanthrene	ND	9.5
Anthracene	ND	9.5
Di-n-butylphthalate	ND	9.5
Fluoranthene	ND	9.5
Pyrene	ND	9.5

ND= Not Detected
RL= Reporting Limit

63.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW4.1-033005	Batch#:	100919
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/12/05

Analyte	Result	RL
Butylbenzylphthalate	ND	9.5
3,3'-Dichlorobenzidine	ND	19
Benzo(a)anthracene	ND	9.5
Chrysene	ND	9.5
bis(2-Ethylhexyl)phthalate	ND	9.5
Di-n-octylphthalate	ND	9.5
Benzo(b)fluoranthene	ND	9.5
Benzo(k)fluoranthene	ND	9.5
Benzo(a)pyrene	ND	9.5
Indeno(1,2,3-cd)pyrene	ND	9.5
Dibenz(a,h)anthracene	ND	9.5
Benzo(g,h,i)perylene	ND	9.5

Surrogate	%REC	Limits
2-Fluorophenol	65	41-120
Phenol-d5	59	41-120
2,4,6-Tribromophenol	69	38-120
Nitrobenzene-d5	58	47-120
2-Fluorobiphenyl	61	44-120
Terphenyl-d14	47	16-120

ND= Not Detected
RL= Reporting Limit

63.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289455	Batch#:	100919
Matrix:	Water	Prepared:	04/06/05
Units:	ug/L	Analyzed:	04/10/05

Analyte	Result	RL
N-Nitrosodimethylamine	ND	10
Phenol	ND	10
bis(2-Chloroethyl)ether	ND	10
2-Chlorophenol	ND	10
1,3-Dichlorobenzene	ND	10
1,4-Dichlorobenzene	ND	10
Benzyl alcohol	ND	10
1,2-Dichlorobenzene	ND	10
2-Methylphenol	ND	10
bis(2-Chloroisopropyl) ether	ND	10
4-Methylphenol	ND	10
N-Nitroso-di-n-propylamine	ND	10
Hexachloroethane	ND	10
Nitrobenzene	ND	10
Isophorone	ND	10
2-Nitrophenol	ND	20
2,4-Dimethylphenol	ND	10
Benzoic acid	ND	50
bis(2-Chloroethoxy)methane	ND	10
2,4-Dichlorophenol	ND	10
1,2,4-Trichlorobenzene	ND	10
Naphthalene	ND	10
4-Chloroaniline	ND	10
Hexachlorobutadiene	ND	10
4-Chloro-3-methylphenol	ND	10
2-Methylnaphthalene	ND	10
Hexachlorocyclopentadiene	ND	20
2,4,6-Trichlorophenol	ND	10
2,4,5-Trichlorophenol	ND	10
2-Chloronaphthalene	ND	10
2-Nitroaniline	ND	20
Dimethylphthalate	ND	10
Acenaphthylene	ND	10
2,6-Dinitrotoluene	ND	10
3-Nitroaniline	ND	20
Acenaphthene	ND	10
2,4-Dinitrophenol	ND	20
4-Nitrophenol	ND	20
Dibenzofuran	ND	10
2,4-Dinitrotoluene	ND	10
Diethylphthalate	ND	10
Fluorene	ND	10
4-Chlorophenyl-phenylether	ND	10
4-Nitroaniline	ND	20
4,6-Dinitro-2-methylphenol	ND	20
N-Nitrosodiphenylamine	ND	10
Azobenzene	ND	10
4-Bromophenyl-phenylether	ND	10
Hexachlorobenzene	ND	10
Pentachlorophenol	ND	20
Phenanthrene	ND	10
Anthracene	ND	10
Di-n-butylphthalate	ND	10
Fluoranthene	ND	10
Pyrene	ND	10

ND= Not Detected
RL= Reporting Limit

64.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289455	Batch#:	100919
Matrix:	Water	Prepared:	04/06/05
Units:	ug/L	Analyzed:	04/10/05

Analyte	Result	RL
Butylbenzylphthalate	ND	10
3,3'-Dichlorobenzidine	ND	20
Benzo(a)anthracene	ND	10
Chrysene	ND	10
bis(2-Ethylhexyl)phthalate	ND	10
Di-n-octylphthalate	ND	10
Benzo(b)fluoranthene	ND	10
Benzo(k)fluoranthene	ND	10
Benzo(a)pyrene	ND	10
Indeno(1,2,3-cd)pyrene	ND	10
Dibenz(a,h)anthracene	ND	10
Benzo(g,h,i)perylene	ND	10

Surrogate	%REC	Limits
2-Fluorophenol	80	41-120
Phenol-d5	75	41-120
2,4,6-Tribromophenol	77	38-120
Nitrobenzene-d5	72	47-120
2-Fluorobiphenyl	72	44-120
Terphenyl-d14	78	16-120

ND= Not Detected
RL= Reporting Limit

64.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289456	Batch#:	100919
Matrix:	Water	Prepared:	04/06/05
Units:	ug/L	Analyzed:	04/10/05

Analyte	Spiked	Result	%REC	Limits
Phenol	100.0	88.03	88	43-120
2-Chlorophenol	100.0	94.07	94	51-120
1,4-Dichlorobenzene	50.00	29.35	59	36-120
N-Nitroso-di-n-propylamine	50.00	37.14	74	45-120
1,2,4-Trichlorobenzene	50.00	30.16	60	38-120
4-Chloro-3-methylphenol	100.0	88.91	89	48-120
Acenaphthene	50.00	41.63	83	43-120
4-Nitrophenol	100.0	70.74	71	43-120
2,4-Dinitrotoluene	50.00	43.76	88	46-120
Pentachlorophenol	100.0	86.06	86	35-120
Pyrene	50.00	42.09	84	38-120

Surrogate	%REC	Limits
2-Fluorophenol	93	41-120
Phenol-d5	93	41-120
2,4,6-Tribromophenol	87	38-120
Nitrobenzene-d5	76	47-120
2-Fluorobiphenyl	78	44-120
Terphenyl-d14	77	16-120

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8270C
Field ID:	MW7.1-033105	Batch#:	100919
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/06/05
Diln Fac:	1.000	Analyzed:	04/11/05

Type: MS Lab ID: QC289457

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<2.109	95.24	58.53	61	44-120
2-Chlorophenol	<1.642	95.24	61.01	64	51-120
1,4-Dichlorobenzene	<0.7193	47.62	21.39	45	39-120
N-Nitroso-di-n-propylamine	<1.209	47.62	26.36	55	44-120
1,2,4-Trichlorobenzene	<0.8923	47.62	23.07	48	41-120
4-Chloro-3-methylphenol	<1.889	95.24	57.30	60	50-120
Acenaphthene	<0.9606	47.62	27.88	59	47-120
4-Nitrophenol	<1.521	95.24	51.98	55	38-120
2,4-Dinitrotoluene	<0.7893	47.62	25.71	54	33-120
Pentachlorophenol	<1.218	95.24	65.33	69	25-148
Pyrene	<0.8197	47.62	25.55	54	46-120

Surrogate	%REC	Limits
2-Fluorophenol	62	41-120
Phenol-d5	60	41-120
2,4,6-Tribromophenol	54	38-120
Nitrobenzene-d5	59	47-120
2-Fluorobiphenyl	55	44-120
Terphenyl-d14	45	16-120

Type: MSD Lab ID: QC289458

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	95.24	53.35	56	44-120	9	28
2-Chlorophenol	95.24	54.86	58	51-120	11	24
1,4-Dichlorobenzene	47.62	20.87	44	39-120	2	29
N-Nitroso-di-n-propylamine	47.62	24.08	51	44-120	9	25
1,2,4-Trichlorobenzene	47.62	21.31	45	41-120	8	24
4-Chloro-3-methylphenol	95.24	52.07	55	50-120	10	23
Acenaphthene	47.62	25.44	53	47-120	9	23
4-Nitrophenol	95.24	48.20	51	38-120	8	27
2,4-Dinitrotoluene	47.62	24.28	51	33-120	6	22
Pentachlorophenol	95.24	63.23	66	25-148	3	25
Pyrene	47.62	24.31	51	46-120	5	23

Surrogate	%REC	Limits
2-Fluorophenol	56	41-120
Phenol-d5	53	41-120
2,4,6-Tribromophenol	49	38-120
Nitrobenzene-d5	52	47-120
2-Fluorobiphenyl	49	44-120
Terphenyl-d14	31	16-120

RPD= Relative Percent Difference

66.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW7.1-033105	Batch#:	100779
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/06/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND #	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND #	0.1
4,4'-DDT	ND #	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	141 *	44-120
Decachlorobiphenyl	122	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

35.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW10.1-033105	Batch#:	100779
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	126 *	44-120
Decachlorobiphenyl	115	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

36.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW10.2-033105	Batch#:	100779
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	139 *	44-120
Decachlorobiphenyl	121	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

37.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MWDUP3-033105	Batch#:	100779
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	137 *	44-120
Decachlorobiphenyl	112	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

38.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW4.1-033005	Batch#:	100779
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	135 *	44-120
Decachlorobiphenyl	73	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

39.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW4.2-033005	Batch#:	100779
Lab ID:	178647-006	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/10/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	132 *	44-120
Decachlorobiphenyl	64	50-128

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

40.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288903	Batch#:	100779
Matrix:	Water	Prepared:	04/03/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Result	RL
alpha-BHC	ND	0.05
beta-BHC	ND	0.05
gamma-BHC	ND	0.05
delta-BHC	ND	0.05
Heptachlor	ND	0.05
Aldrin	ND	0.05
Heptachlor epoxide	ND	0.05
Endosulfan I	ND	0.05
Dieldrin	ND	0.1
4,4'-DDE	ND	0.1
Endrin	ND	0.1
Endosulfan II	ND	0.1
Endosulfan sulfate	ND	0.1
4,4'-DDD	ND	0.1
Endrin aldehyde	ND	0.1
4,4'-DDT	ND #	0.1
alpha-Chlordane	ND	0.05
gamma-Chlordane	ND	0.05
Methoxychlor	ND #	0.5
Toxaphene	ND	1.0

Surrogate	%REC	Limits
TCMX	88	44-120
Decachlorobiphenyl	84	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
ND= Not Detected
RL= Reporting Limit

41.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288904	Batch#:	100779
Matrix:	Water	Prepared:	04/03/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Spiked	Result	%REC	Limits
gamma-BHC	0.2000	0.1801	90	61-140
Heptachlor	0.2000	0.1620	81	53-143
Aldrin	0.2000	0.1635	82	60-120
Dieldrin	0.4000	0.4144	104	57-127
Endrin	0.4000	0.3470	87	59-136
4,4'-DDT	0.4000	0.3752 #	94	55-149

Surrogate	%REC	Limits
TCMX	93	44-120
Decachlorobiphenyl	80	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements

42.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Organochlorine Pesticides

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8081A
Field ID:	MW7.1-033105	Batch#:	100779
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/03/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: MS Lab ID: QC288905

Analyte	MSS Result	Spiked	Result	%REC	Limits
gamma-BHC	<0.002252	0.1905	0.2147	113	52-144
Heptachlor	<0.003504	0.1905	0.1905 #	100	53-138
Aldrin	<0.004356	0.1905	0.2051	108	45-120
Dieldrin	<0.005653	0.3810	0.4801	126	55-133
Endrin	<0.007295	0.3810	0.4529	119	60-130
4,4'-DDT	<0.003467	0.3810	0.3847 #	101	42-144

Surrogate	%REC	Limits
TCMX	116	44-120
Decachlorobiphenyl	100	50-128

Type: MSD Lab ID: QC288906

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
gamma-BHC	0.1905	0.1930	101	52-144	11	37
Heptachlor	0.1905	0.1649 #	87	53-138	14	38
Aldrin	0.1905	0.1809	95	45-120	13	35
Dieldrin	0.3810	0.4130	108	55-133	15	35
Endrin	0.3810	0.3743	98	60-130	19	35
4,4'-DDT	0.3810	0.3134 #	82	42-144	20	41

Surrogate	%REC	Limits
TCMX	119	44-120
Decachlorobiphenyl	91	50-128

#= CCV drift outside limits; average CCV drift within limits per method requirements
RPD= Relative Percent Difference

43.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100818
Units:	ug/L	Received:	04/01/05
Diln Fac:	1.000	Prepared:	04/04/05

Field ID:	MW7.1-033105	Sampled:	03/31/05
Type:	SAMPLE	Analyzed:	04/05/05
Lab ID:	178647-001	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	106	52-124
Decachlorobiphenyl	110	18-120

Field ID:	MW10.1-033105	Sampled:	03/31/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178647-002	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	112	52-124
Decachlorobiphenyl	137 *	18-120

Field ID:	MW10.2-033105	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/07/05
Lab ID:	178647-003	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	104	52-124
Decachlorobiphenyl	150 *	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

44.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polychlorinated Biphenyls (PCBs)

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Matrix:	Water	Batch#:	100818
Units:	ug/L	Received:	04/01/05
Diln Fac:	1.000	Prepared:	04/04/05

Field ID:	MWDUP3-033105	Sampled:	03/31/05
Type:	SAMPLE	Analyzed:	04/08/05
Lab ID:	178647-004	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.48
Aroclor-1221	ND	0.95
Aroclor-1232	ND	0.48
Aroclor-1242	ND	0.48
Aroclor-1248	ND	0.48
Aroclor-1254	ND	0.48
Aroclor-1260	ND	0.48

Surrogate	%REC	Limits
TCMX	116	52-124
Decachlorobiphenyl	135 *	18-120

Field ID:	MW4.1-033005	Sampled:	03/30/05
Type:	SAMPLE	Analyzed:	04/08/05
Lab ID:	178647-005	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.47
Aroclor-1221	ND	0.94
Aroclor-1232	ND	0.47
Aroclor-1242	ND	0.47
Aroclor-1248	ND	0.47
Aroclor-1254	ND	0.47
Aroclor-1260	ND	0.47

Surrogate	%REC	Limits
TCMX	115	52-124
Decachlorobiphenyl	126 *	18-120

Type:	BLANK	Analyzed:	04/05/05
Lab ID:	QC289069	Cleanup Method:	EPA 3665A

Analyte	Result	RL
Aroclor-1016	ND	0.50
Aroclor-1221	ND	1.0
Aroclor-1232	ND	0.50
Aroclor-1242	ND	0.50
Aroclor-1248	ND	0.50
Aroclor-1254	ND	0.50
Aroclor-1260	ND	0.50

Surrogate	%REC	Limits
TCMX	89	52-124
Decachlorobiphenyl	93	18-120

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

44.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289070	Batch#:	100818
Matrix:	Water	Prepared:	04/04/05
Units:	ug/L	Analyzed:	04/05/05

Cleanup Method: EPA 3665A

Analyte	Spiked	Result	%REC	Limits
Aroclor-1242	5.000	4.629	93	67-148

Surrogate	%REC	Limits
TCMX	79	52-124
Decachlorobiphenyl	73	18-120

45.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polychlorinated Biphenyls (PCBs)

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8082
Field ID:	MW7.1-033105	Batch#:	100818
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/08/05

Type: MS Cleanup Method: EPA 3665A
Lab ID: QC289071

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1242	<0.2564	4.762	6.061	127	46-170

Surrogate	%REC	Limits
TCMX	100	52-124
Decachlorobiphenyl	111	18-120

Type: MSD Cleanup Method: EPA 3665A
Lab ID: QC289072

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1242	4.808	6.356	132	46-170	4	35

Surrogate	%REC	Limits
TCMX	106	52-124
Decachlorobiphenyl	109	18-120

RPD= Relative Percent Difference

46.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW7.1-033105	Batch#:	101011
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/08/05
Diln Fac:	1.000	Analyzed:	04/13/05

Analyte	Result	RL
Naphthalene	ND b	0.95
Acenaphthylene	ND b	1.9
Acenaphthene	ND b	0.95
Fluorene	ND b	0.19
Phenanthrene	ND b	0.10
Anthracene	ND b	0.10
Fluoranthene	ND b	0.19
Pyrene	ND b	0.10
Benzo(a)anthracene	ND b	0.10
Chrysene	ND b	0.10
Benzo(b)fluoranthene	ND b	0.19
Benzo(k)fluoranthene	ND b	0.10
Benzo(a)pyrene	ND b	0.10
Dibenz(a,h)anthracene	ND b	0.19
Benzo(g,h,i)perylene	ND b	0.19
Indeno(1,2,3-cd)pyrene	ND b	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	86 b	58-132
1-Methylnaphthalene (F)	85 b	56-135

b= See narrative
ND= Not Detected
RL= Reporting Limit

70.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW10.1-033105	Batch#:	101011
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/08/05
Diln Fac:	1.000	Analyzed:	04/13/05

Analyte	Result	RL
Naphthalene	ND b	0.96
Acenaphthylene	ND b	1.9
Acenaphthene	ND b	0.96
Fluorene	ND b	0.19
Phenanthrene	ND b	0.10
Anthracene	ND b	0.10
Fluoranthene	ND b	0.19
Pyrene	ND b	0.10
Benzo(a)anthracene	ND b	0.10
Chrysene	ND b	0.10
Benzo(b)fluoranthene	ND b	0.19
Benzo(k)fluoranthene	ND b	0.10
Benzo(a)pyrene	ND b	0.10
Dibenz(a,h)anthracene	ND b	0.19
Benzo(g,h,i)perylene	ND b	0.19
Indeno(1,2,3-cd)pyrene	ND b	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	87 b	58-132
1-Methylnaphthalene (F)	87 b	56-135

b= See narrative
ND= Not Detected
RL= Reporting Limit

71.1

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW10.2-033105	Batch#:	100768
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	87	58-132
1-Methylnaphthalene (F)	87	56-135

ND= Not Detected
RL= Reporting Limit

72.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MWDUP3-033105	Batch#:	100768
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	140 *	58-132
1-Methylnaphthalene (F)	140 *	56-135

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

73.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW4.1-033005	Batch#:	100768
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.94
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.94
Fluorene	ND	0.19
Phenanthrene	ND	0.09
Anthracene	ND	0.09
Fluoranthene	ND	0.19
Pyrene	ND	0.09
Benzo(a)anthracene	ND	0.09
Chrysene	ND	0.09
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.09
Benzo(a)pyrene	ND	0.09
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.09

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	93	58-132
1-Methylnaphthalene (F)	94	56-135

ND= Not Detected
RL= Reporting Limit

74.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW4.2-033005	Batch#:	100768
Lab ID:	178647-006	Sampled:	03/30/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/09/05

Analyte	Result	RL
Naphthalene	ND	0.95
Acenaphthylene	ND	1.9
Acenaphthene	ND	0.95
Fluorene	ND	0.19
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.19
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.19
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.19
Benzo(g,h,i)perylene	ND	0.19
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	95	58-132
1-Methylnaphthalene (F)	95	56-135

ND= Not Detected
RL= Reporting Limit

75.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288873	Batch#:	100768
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	97	58-132
1-Methylnaphthalene (F)	97	56-135

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC288874	Batch#:	100768
Matrix:	Water	Prepared:	04/02/05
Units:	ug/L	Analyzed:	04/08/05

Analyte	Spiked	Result	%REC	Limits
Naphthalene	10.00	10.05	101	67-120
Acenaphthylene	20.00	21.15	106	70-120
Acenaphthene	10.00	10.29	103	66-120
Fluorene	2.000	2.124	106	69-120
Phenanthrene	1.000	1.025	102	63-120
Anthracene	1.000	1.002	100	63-120
Benzo(k)fluoranthene	1.000	1.049	105	65-124
Indeno(1,2,3-cd)pyrene	1.000	1.115	112	62-123

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	94	58-132
1-Methylnaphthalene (F)	93	56-135

78.0

Curtis & Tompkins, Ltd.
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Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW2.1-032805	Batch#:	100768
MSS Lab ID:	178560-001	Sampled:	03/28/05
Matrix:	Water	Received:	03/29/05
Units:	ug/L	Prepared:	04/02/05
Diln Fac:	1.000	Analyzed:	04/12/05

Type: MS Lab ID: QC288875

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<0.1505	9.434	8.796	93	42-122
Acenaphthylene	<0.3462	18.87	18.06	96	51-126
Acenaphthene	<0.3395	9.434	8.976	95	41-156
Fluorene	<0.04858	1.887	1.618	86	39-150
Phenanthrene	<0.008094	0.9434	0.9181	97	25-205
Anthracene	<0.007242	0.9434	0.9069	96	56-151
Benzo(k)fluoranthene	<0.004107	0.9434	0.8991	95	18-146
Indeno(1,2,3-cd)pyrene	<0.06134	0.9434	0.9372	99	55-159

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	87	58-132
1-Methylnaphthalene (F)	87	56-135

Type: MSD Lab ID: QC288876

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	9.434	8.435	89	42-122	4	36
Acenaphthylene	18.87	17.42	92	51-126	4	34
Acenaphthene	9.434	9.681	103	41-156	8	38
Fluorene	1.887	1.227	65	39-150	27	35
Phenanthrene	0.9434	0.8794	93	25-205	4	33
Anthracene	0.9434	0.8613	91	56-151	5	34
Benzo(k)fluoranthene	0.9434	0.8774	93	18-146	2	34
Indeno(1,2,3-cd)pyrene	0.9434	0.8663	92	55-159	8	33

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	86	58-132
1-Methylnaphthalene (F)	87	56-135

RPD= Relative Percent Difference

79.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC289829	Batch#:	101011
Matrix:	Water	Prepared:	04/08/05
Units:	ug/L	Analyzed:	04/13/05

Analyte	Result	RL
Naphthalene	ND	1.0
Acenaphthylene	ND	2.0
Acenaphthene	ND	1.0
Fluorene	ND	0.20
Phenanthrene	ND	0.10
Anthracene	ND	0.10
Fluoranthene	ND	0.20
Pyrene	ND	0.10
Benzo(a)anthracene	ND	0.10
Chrysene	ND	0.10
Benzo(b)fluoranthene	ND	0.20
Benzo(k)fluoranthene	ND	0.10
Benzo(a)pyrene	ND	0.10
Dibenz(a,h)anthracene	ND	0.20
Benzo(g,h,i)perylene	ND	0.20
Indeno(1,2,3-cd)pyrene	ND	0.10

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	92	58-132
1-Methylnaphthalene (F)	89	56-135

ND= Not Detected
RL= Reporting Limit

77.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC289830	Batch#:	101011
Matrix:	Water	Prepared:	04/08/05
Units:	ug/L	Analyzed:	04/14/05

Analyte	Spiked	Result	%REC	Limits
Naphthalene	10.00	14.72	147 *	67-120
Acenaphthylene	20.00	40.42	202 *	70-120
Acenaphthene	10.00	19.49	195 *	66-120
Fluorene	2.000	3.398	170 *	69-120
Phenanthrene	1.000	1.575	158 *	63-120
Anthracene	1.000	1.605	160 *	63-120
Benzo(k)fluoranthene	1.000	1.603	160 *	65-124
Indeno(1,2,3-cd)pyrene	1.000	1.609	161 *	62-123

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	161 *	58-132
1-Methylnaphthalene (F)	152 *	56-135

*= Value outside of QC limits; see narrative

80.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	MW7.1-033105	Batch#:	101011
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Water	Received:	04/01/05
Units:	ug/L	Prepared:	04/08/05
Diln Fac:	1.000	Analyzed:	04/14/05

Type: MS Lab ID: QC289831

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<0.1519	9.524	8.733	92	42-122
Acenaphthylene	<0.3495	19.05	18.08	95	51-126
Acenaphthene	<0.3427	9.524	8.249	87	41-156
Fluorene	<0.04904	1.905	1.787	94	39-150
Phenanthrene	<0.008171	0.9524	0.9270	97	25-205
Anthracene	<0.007311	0.9524	0.8617	90	56-151
Benzo(k)fluoranthene	<0.004146	0.9524	0.9131	96	18-146
Indeno(1,2,3-cd)pyrene	<0.06192	0.9524	0.9443	99	55-159

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	90	58-132
1-Methylnaphthalene (F)	89	56-135

Type: MSD Lab ID: QC289832

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	9.615	8.834	92	42-122	0	36
Acenaphthylene	19.23	17.92	93	51-126	2	34
Acenaphthene	9.615	9.088	95	41-156	9	38
Fluorene	1.923	1.851	96	39-150	3	35
Phenanthrene	0.9615	0.8895	93	25-205	5	33
Anthracene	0.9615	0.7890	82	56-151	10	34
Benzo(k)fluoranthene	0.9615	0.9150	95	18-146	1	34
Indeno(1,2,3-cd)pyrene	0.9615	0.9544	99	55-159	0	33

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	82	58-132
1-Methylnaphthalene (F)	82	56-135

RPD= Relative Percent Difference

81.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

Polynuclear Aromatics by HPLC

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3520C
Project#:	16017.01	Analysis:	EPA 8310
Field ID:	ZZZZZZZZZZ	Batch#:	101011
MSS Lab ID:	178712-002	Sampled:	04/04/05
Matrix:	Water	Received:	04/05/05
Units:	ug/L	Prepared:	04/08/05
Diln Fac:	1.000	Analyzed:	04/14/05

Type: MS Lab ID: QC289833

Analyte	MSS Result	Spiked	Result	%REC	Limits
Naphthalene	<0.1533	9.709	9.222	95	42-122
Acenaphthylene	<0.3529	19.42	17.75	91	51-126
Acenaphthene	<0.3460	9.709	9.585	99	41-156
Fluorene	<0.04951	1.942	1.844	95	39-150
Phenanthrene	<0.008250	0.9709	0.9121	94	25-205
Anthracene	<0.007381	0.9709	0.9097	94	56-151
Benzo(k)fluoranthene	<0.004186	0.9709	0.9353	96	18-146
Indeno(1,2,3-cd)pyrene	<0.01030	0.9709	0.9594	99	55-159

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	88	58-132
1-Methylnaphthalene (F)	88	56-135

Type: MSD Lab ID: QC289834

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Naphthalene	9.524	8.344	88	42-122	8	36
Acenaphthylene	19.05	17.38	91	51-126	0	34
Acenaphthene	9.524	8.508	89	41-156	10	38
Fluorene	1.905	1.703	89	39-150	6	35
Phenanthrene	0.9524	0.8421	88	25-205	6	33
Anthracene	0.9524	0.8362	88	56-151	6	34
Benzo(k)fluoranthene	0.9524	0.8643	91	18-146	6	34
Indeno(1,2,3-cd)pyrene	0.9524	0.8918	94	55-159	5	33

Surrogate	%REC	Limits
1-Methylnaphthalene (UV)	83	58-132
1-Methylnaphthalene (F)	83	56-135

RPD= Relative Percent Difference

82.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178647		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW7.1-033105	Diln Fac:	1.000
Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Barium	57	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Copper	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

47.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178647		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW10.1-033105	Diln Fac:	1.000
Lab ID:	178647-002	Sampled:	03/31/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Barium	43	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Copper	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

48.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178647		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW10.2-033105	Diln Fac:	1.000
Lab ID:	178647-003	Sampled:	03/30/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Barium	39	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Copper	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

49.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178647		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MWDUP3-033105	Diln Fac:	1.000
Lab ID:	178647-004	Sampled:	03/31/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Barium	38	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Copper	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

50.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #: 178647		Project#:	16017.01
Client: Acton Mickelson Environmental		Location:	Former GA-Pacific Sawmill
Field ID:	MW4.1-033005	Diln Fac:	1.000
Lab ID:	178647-005	Sampled:	03/30/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Arsenic	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Barium	3,400	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Copper	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

51.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

California Title 26 Metals

Lab #:	178647	Project#:	16017.01
Client:	Acton Mickelson Environmental	Location:	Former GA-Pacific Sawmill
Field ID:	MW4.2-033005	Diln Fac:	1.000
Lab ID:	178647-006	Sampled:	03/30/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L		

Analyte	Result	RL	Batch#	Prepared	Analyzed	Prep	Analysis
Antimony	ND	60	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Arsenic	5.8	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Barium	110	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Beryllium	ND	2.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cadmium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Chromium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Cobalt	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Copper	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Lead	ND	3.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Mercury	ND	0.20	101076	04/12/05	04/12/05	METHOD	EPA 7470A
Molybdenum	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Nickel	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Selenium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Silver	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Thallium	ND	5.0	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Vanadium	ND	10	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B
Zinc	ND	20	100797	04/04/05	04/05/05	EPA 3010A	EPA 6010B

ND= Not Detected
RL= Reporting Limit

52.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC288976	Batch#:	100797
Matrix:	Filtrate	Prepared:	04/04/05
Units:	ug/L	Analyzed:	04/05/05

Analyte	Result	RL
Antimony	ND	60
Arsenic	ND	5.0
Barium	ND	10
Beryllium	ND	2.0
Cadmium	ND	5.0
Chromium	ND	10
Cobalt	ND	20
Copper	ND	10
Lead	ND	3.0
Molybdenum	ND	20
Nickel	ND	20
Selenium	ND	5.0
Silver	ND	5.0
Thallium	ND	5.0
Vanadium	ND	10
Zinc	ND	20

ND= Not Detected
RL= Reporting Limit

53.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Matrix:	Filtrate	Batch#:	100797
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: BS Lab ID: QC288977

Analyte	Spiked	Result	%REC	Limits
Antimony	500.0	498.3	100	78-120
Arsenic	100.0	103.6	104	74-132
Barium	2,000	1,961	98	80-120
Beryllium	50.00	51.05	102	80-120
Cadmium	50.00	51.27	103	80-120
Chromium	200.0	198.0	99	80-120
Cobalt	500.0	476.9	95	80-120
Copper	250.0	241.7	97	80-120
Lead	100.0	95.04	95	66-138
Molybdenum	400.0	397.2	99	80-120
Nickel	500.0	488.4	98	80-120
Selenium	100.0	100.5	101	58-142
Silver	50.00	49.77	100	80-120
Thallium	100.0	99.22	99	57-144
Vanadium	500.0	496.7	99	80-120
Zinc	500.0	501.9	100	80-120

Type: BSD Lab ID: QC288978

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	509.0	102	78-120	2	20
Arsenic	100.0	106.0	106	74-132	2	22
Barium	2,000	1,971	99	80-120	0	20
Beryllium	50.00	51.68	103	80-120	1	20
Cadmium	50.00	52.45	105	80-120	2	20
Chromium	200.0	202.6	101	80-120	2	20
Cobalt	500.0	488.6	98	80-120	2	20
Copper	250.0	248.8	100	80-120	3	20
Lead	100.0	96.84	97	66-138	2	25
Molybdenum	400.0	409.3	102	80-120	3	20
Nickel	500.0	499.6	100	80-120	2	20
Selenium	100.0	102.7	103	58-142	2	31
Silver	50.00	50.97	102	80-120	2	20
Thallium	100.0	104.5	105	57-144	5	30
Vanadium	500.0	510.2	102	80-120	3	20
Zinc	500.0	515.3	103	80-120	3	20

RPD= Relative Percent Difference

55.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	EPA 3010A
Project#:	16017.01	Analysis:	EPA 6010B
Field ID:	MW7.1-033105	Batch#:	100797
MSS Lab ID:	178647-001	Sampled:	03/31/05
Matrix:	Filtrate	Received:	04/01/05
Units:	ug/L	Prepared:	04/04/05
Diln Fac:	1.000	Analyzed:	04/05/05

Type: MS Lab ID: QC288979

Analyte	MSS Result	Spiked	Result	%REC	Limits
Antimony	<2.041	500.0	514.6	103	68-127
Arsenic	2.312	100.0	109.7	107	63-151
Barium	56.61	2,000	2,032	99	79-120
Beryllium	<0.04843	50.00	51.25	102	80-120
Cadmium	<0.1222	50.00	52.09	104	76-123
Chromium	<1.771	200.0	199.1	100	79-120
Cobalt	<0.5155	500.0	490.9	98	80-120
Copper	4.138	250.0	262.2	103	80-120
Lead	<1.132	100.0	94.97	95	49-155
Molybdenum	3.458	400.0	405.2	100	73-120
Nickel	2.014	500.0	496.6	99	74-120
Selenium	<3.292	100.0	105.2	105	44-156
Silver	<0.5124	50.00	50.81	102	72-124
Thallium	<3.290	100.0	101.3	101	34-158
Vanadium	<0.8836	500.0	505.1	101	80-120
Zinc	7.531	500.0	574.7	113	79-123

Type: MSD Lab ID: QC288980

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Antimony	500.0	509.2	102	68-127	1	20
Arsenic	100.0	109.5	107	63-151	0	35
Barium	2,000	2,025	98	79-120	0	20
Beryllium	50.00	51.35	103	80-120	0	20
Cadmium	50.00	51.56	103	76-123	1	20
Chromium	200.0	199.7	100	79-120	0	20
Cobalt	500.0	494.4	99	80-120	1	20
Copper	250.0	264.5	104	80-120	1	20
Lead	100.0	94.13	94	49-155	1	34
Molybdenum	400.0	402.3	100	73-120	1	20
Nickel	500.0	497.8	99	74-120	0	20
Selenium	100.0	103.7	104	44-156	2	42
Silver	50.00	50.84	102	72-124	0	20
Thallium	100.0	101.1	101	34-158	0	47
Vanadium	500.0	507.4	101	80-120	0	20
Zinc	500.0	528.8	104	79-123	8	20

RPD= Relative Percent Difference

56.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Diln Fac:	1.000
Type:	BLANK	Batch#:	101076
Lab ID:	QC290095	Prepared:	04/12/05
Matrix:	Filtrate	Analyzed:	04/12/05
Units:	ug/L		

Result	RL
ND	0.20

ND= Not Detected
RL= Reporting Limit

54.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	101076
Matrix:	Filtrate	Prepared:	04/12/05
Units:	ug/L	Analyzed:	04/12/05
Diln Fac:	1.000		

Type	Lab ID	Spiked	Result	%REC	Limits	RPD	Lim
BS	QC290096	5.000	5.290	106	80-120		
BSD	QC290097	5.000	5.330	107	80-120	1	20

RPD= Relative Percent Difference

57.0

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Batch QC Report

California Title 26 Metals

Lab #:	178647	Location:	Former GA-Pacific Sawmill
Client:	Acton Mickelson Environmental	Prep:	METHOD
Project#:	16017.01	Analysis:	EPA 7470A
Analyte:	Mercury	Batch#:	101076
Field ID:	MW7.1-033105	Sampled:	03/31/05
MSS Lab ID:	178647-001	Received:	04/01/05
Matrix:	Filtrate	Prepared:	04/12/05
Units:	ug/L	Analyzed:	04/12/05
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	%REC	Limits	RPD	Lim
MS	QC290098	<0.07957	5.000	4.970	99	80-120		
MSD	QC290099		5.000	4.870	97	80-120	2	20

RPD= Relative Percent Difference

58.0

178647

coolers 0 of 3

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Page 1 of 1 | Chain of Custody N° 4227

Chain of Custody and Analysis Request Form

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Geotracker Global ID _____

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd+TPHg	8270C SVOC's	8081A Org-Cl Pest	8082 PCB	8310 PAH's	SM5550 Tannins+Lignin	6010A/7470A Metals	Temperature			Comments
									*1		*2				*3				
		MW 7.1-03 31 05	3/31/05	0850	GW	GB	3	C	X										*1 use Silica Gel Cleanup
		MW 7.1-03 31 05	3/31/05	0850	GW	GB	6	C		X									*2 Organochloride Pesticides
		MW 7.1-03 31 05	3/31/05	0850	GW	GB	3	C			X								*3 Metals, dissolved Field Filtered
		MW 7.1-03 31 05	3/31/05	0850	GW	GB	3	C				X							*4 Run MS/MSD on this Sample
		MW 7.1-03 31 05	3/31/05	0850	GW	GB	3	C					X						
		MW 7.1-03 31 05	3/31/05	0850	GW	P	3	C						X					
		MW 7.1-03 31 05	3/31/05	0850	GW	P	3	HNO_3							X				
		Temperature Blank	3/31/05	—	W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis Jones	3/31/05	1239	Relinquished by:		
Received by: Mike Lukin	3/31/05	1239	Received by:		
Relinquished by: Mike Lukin	3/31/05	1330	Relinquished by:		
Received by: [illegible]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

175647

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4228

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

[ ] Preliminary Fax Result
[X] Sample Receipt/ Log-In Confirmation
[X] Electronic Data Deliverables
[X] Geotracker EDF
[ ] Raw Data Deliverables
[ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHd & TPHo *1	8270C SVOC's	8081A Org-Chl Pest *2	8082 PCB	8310 PAH's	SM5550 Tannin & Lignin	6010A/7470A Metals *3	Temperature			Comments
	12	MW 10.1-03 31 05	3/31/05	1030	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW 10.1-03 31 05	3/31/05	1030	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW 10.1-03 31 05	3/31/05	1030	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 10.1-03 31 05	3/31/05	1030	GW	GB	1	C				X							
		MW 10.1-03 31 05	3/31/05	1030	GW	GB	1	C					X						
		MW 10.1-03 31 05	3/31/05	1030	GW	P	1	C						X					
		MW 10.1-03 31 05	3/31/05	1030	GW	P	1	HNG							X				
		Temperature Blank	3/31/05	—	W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/31/05	1244	Relinquished by:		
Received by: [signature]	3/31/05	1244	Received by:		
Relinquished by: [signature]	3/31/05	1339	Relinquished by:		
Received by: [signature]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature] Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

178647

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4229

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Hyslie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPHd+TPHg	8270C SVOCs	*2 8081A Org-Cl Pest	8082 PCB	8310 PAHs	*3 5M5550 Tannin+Lignin	6010B/7470A Metals	Temperature			Comments
		MW 10.2-033105	3/31/05	1130	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW 10.2-033105	3/31/05	1130	GW	GB	2	C		X									*2 Organochlorine Pesticides
		MW 10.2-033105	3/31/05	1130	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW 10.2-033105	3/31/05	1130	GW	GB	1	C				X							
		MW 10.2-033105	3/31/05	1130	GW	GB	1	C					X						
		MW 10.2-033105	3/31/05	1130	GW	P	1	C						X					
		MW 10.2-033105	3/31/05	1130	GW	P	1	HNO3							X				
		Temperature Blank	3/31/05	—	W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/31/05	1230	Relinquished by:		
Received by: Mike Lukic	3/31/05	1230	Received by:		
Relinquished by: Mike Lukic	3/31/05	1300	Relinquished by:		
Received by: [signature]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis McJones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

178647

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4230

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Requested Analysis: 8015B TPHd & TPHd; 8270C SVOC's; 8081A Org-Chl Pest; 8082 PCB; 8310 PAH's; SM5550 Tannin Lignin; 6010A/7470 Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1 8015B TPHd & TPHd	8270C SVOC's	*2 8081A Org-Chl Pest	8082 PCB	8310 PAH's	SM5550 Tannin Lignin	*3 6010A/7470 Metals	Temperature			Comments
		MW DUP3-0331 05	3/31/05	—	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW DUP3 0331 05	3/31/05	—	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW DUP3-0331 05	3/31/05	—	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
	4	MW DUP3-0331 05	3/31/05	—	GW	GB	1	C				X							
		MW DUP3-0331 05	3/31/05	—	GW	GB	1	C					X						
		MW DUP3-0331 05	3/31/05	—	GW	P	1	C						X					
		MW DUP3-0331 05	3/31/05	—	GW	P	1	HNO3							X				
		Temperature Blank	3/31/05	—	W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/31/05	1231	Relinquished by:		
Received by: Mike Lukic	3/31/05	1231	Received by:		
Relinquished by: Mike Lukic	3/31/05	1330	Relinquished by:		
Received by: [signature]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

178647

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

[X] Standard TAT [ ] RUSH TAT [ ] 24 hr. TAT [ ] 48 hr. TAT [ ] 72 hr. TAT [X] 5 day TAT

Page 1 of 1 | Chain of Custody No. 4213

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Requested Analysis: 8015B TPHD+TPHO; 8270C SVOCs; 8081A Org-Chl Pest; 8082 PCB; 8310 PAHs; SM5550 Lignin+Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1		*2				*3				Comments
		MW 4.1-033005	3/30/05	1440	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW4.1-033005	3/30/05	1440	GW	GB	2	C		X									*2 Organochloride Pesticides
		MW4.1-033005	3/30/05	1440	GW	GB	1	C			X								*3 Metals dissolved Field Filtered
		MW 4.1-033005	3/30/05	1440	GW	GB	1	C				X							
		MW 4.1-033005	3/30/05	1440	GW	GB	1	C					X						
		MW 4.1-033005	3/30/05	1440	GW	P	1	C						X					
		MW4.1-033005	3/30/05	1440	GW	P	1	HNO3							X				
		Temperature Blank	3/30/05	"	W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/30/05	1535	Relinquished by:		
Received by: Mike Lukric	3/30/05	1535	Received by:		
Relinquished by: Mike Lukric	3/31/05	1200	Relinquished by:		
Received by:			Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

178647

Acton • Mickelson • Environmental, Inc.

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☐ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☐ 5 day TAT

Page 1 of 1 | Chain of Custody No. 4214

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- [ ] Preliminary Fax Result
- [X] Sample Receipt/ Log-In Confirmation
- [X] Electronic Data Deliverables
- [X] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Requested Analysis: 8015B TPHd + TPHO; 8270C SVOC's; 8081A Org-Chl Pest; 8082 PCB; 8310 PAHs; SM5550 Tannin + Lignin; 6010A/7470A Metals; Temperature

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	*1		*2				*3				Comments
		MW4.2-033005	3/30/05	1400	GW	GB	1	C	X										*1 Use Silica Gel Cleanup
		MW4.2-033005	3/30/05	1400	GW	GB	2	C		X									*2 organochloride Pesticides
		MW4.2-033005	3/30/05	1400	GW	GB	1	C			X								*3 Metals, dissolved Field Filtered
		MW4.2-033005	3/30/05	1400	GW	GB	1	C				X							
		MW4.2-033005	3/30/05	1400	GW	GB	1	C					X						
		MW4.2-033005	3/30/05	1400	GW	P	1	C						X					
		MW4.2-033005	3/30/05	1400	GW	P	1	HNO3							X				
		Temperature Blank	3/30/05	—	W	P	1	C								X			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: [signature]	3/30/05	1535	Relinquished by:		
Received by: Mike Lukoie	3/30/05	1535	Received by:		
Relinquished by: Mike Lukoie	3/31/05	1200	Relinquished by:		
Received by: [signature]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis + Tompkins
Sampled by: Dennis M Jones [signature]
Print Name Signature

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton · Mickelson • Environmental, Inc.

178647

Chain of Custody and Analysis Request Form

Page 1 of 2 | Chain of Custody No. 4199

☒ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☒ 5 day TAT

Geotracker Global ID _____

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heglie

- ☐ Preliminary Fax Result
- ☒ Sample Receipt/ Log-In Confirmation
- ☒ Electronic Data Deliverables
- ☒ Geotracker EDF
- ☐ Raw Data Deliverables
- ☐ Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPHg	Requested Analysis: 8260B VOCs								Temperature 1 per cooler	Comments
	-7 ✓	MW-3.4 032905-TB	3/29/05	1320	RW	V	6	HCl	X	X									
	-8 ✓	MW-3.9 032905	3/29/05	1420	GW	V	6	HCl	X	X									
	-9 ✓	MW-3.8 032905	3/29/05	1500	GW	V	6	HCl	X	X									
	-10 ✓	MW-3.7 032905	3/29/05	1540	GW	V	6	HCl	X	X									
	-11 ✓	MW-3.4 032905	3/29/05	1530	GW	V	6	HCl	X	X									
	-12 ✓	MW-5.8 033005	3/30/05	0755	GW	V	6	HCl	X	X									
	-13 ✓	MW-5.6-033005	3/30/05	0835	GW	V	6	HC	X	X									
	-14 ✓	MW-5.7-053005	3/30/05	0915	GW	V	6	HC	X	X									
	-15 ✓	MW-5.9-033005	3/30/05	1000	GW	V	6	HC	X	X									
		Temperature Blank	3/29/05	—	W	P	1	C										X	one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/31/05	1246	Relinquished by:		
Received by: Mike Lukic	3/31/05	1246	Received by:		
Relinquished by: Mike Lukic	3/31/05	1355	Relinquished by:		
Received by: [illegible]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01 Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Acton • Mickelson • Environmental, Inc.

178647

Chain of Custody and Analysis Request Form

Geotracker Global ID _____

☐ Standard TAT ☐ RUSH TAT ☐ 24 hr. TAT ☐ 48 hr. TAT ☐ 72 hr. TAT ☐ 5 day TAT

Chain of Custody Nº 4289

Send Results to:
5175 Hillsdale Circle, Suite 100
El Dorado Hills, CA 95762
(916) 939-7550, FAX (916) 939-7570
Attn.: Jeff Heylie

- [ ] Preliminary Fax Result
- [x] Sample Receipt/ Log-In Confirmation
- [x] Electronic Data Deliverables
- [x] Geotracker EDF
- [ ] Raw Data Deliverables
- [ ] Call with Verbal Results

Lab ID (LAB USE ONLY)	Field Point ID	Sample ID	Date Collected	Time Collected	Matrix	Container	Number of Containers	Preservative	Requested Analysis: 8015B TPH-G	Requested Analysis: 8260B VOCs	Comments
		~~MW-4.4 033 05TB~~	~~3/ /05~~		~~GW~~	~~V~~	~~6~~	~~HCL~~	~~X~~	~~X~~	
	-16 ✓	MW-4.4-033005	3/30/05	1230	GW	V	6	HCL	X	X	
	-17 ✓	MW-4.3-033005	3/30/05	1320	GW	V	6	HCL	X	X	
	-6 ✓	MW-4.2-033005	3/30/05	1400	GW	V	6	HCL	X	X	
	-5 ✓	MW-4.1 033005	3/30/05	1440	GW	V	6	HCL	X	X	
	-1	MW-7.1-033105	3/31/05	0850	GW	V	18	HC	X	X	Run MS/MSD on this sample
	-2	MW-10.1-033105	3/31/05	1030	GW	V	6	HC	X	X	
	-3	MW-10.2 033105	3/31/05	1130	GW	V	6	HC	X	X	
	-4	MW-Dup3-033105	3/31/05	—	GW	V	6	HC	X	X	
		Temperature Blank	3/ /05	—	W	P	1	C			one per cooler

Signature	Date	Time	Signature	Date	Time
Relinquished by: Dennis M Jones	3/31/05	1246	Relinquished by:		
Received by: Mike Lukic	3/31/05	1246	Received by:		
Relinquished by: Mike Lukic	3/31/05	1400	Relinquished by:		
Received by: [illegible]	4/1/05	1145	Received by:		

Matrix: W - Water; DW - Drinking Water; SW - Surface Water; GW - Ground Water; WW - Waste Water; RW - Reagent Water; S - Soil; SE - Sediment; SV - Soil Vapor; AA - Ambient Air; WS - Waste (Solid); O - Other
Container: GB - Glass Bottle (Amber); V - 40 ml VOA Vial; BT, ST, PT - Brass, Steel, and Plastic Tube; P - Polythethylene; GJ - Glass Jar, SC - Summa Canister; TD - Tedlar
Preservative: C - Cold; HS - Sulfuric Acid; HC - Hydrochloric Acid; HN - Nitric Acid; Na - Sodium Hydroxide; O - Other

Project Name and Location: Former Georgia-Pacific Sawmill
Project Number: 16017.01
Receiving Lab: Curtis & Tompkins
Sampled by: Dennis M Jones (Print Name) Dennis M Jones (Signature)

ORIGINAL – Laboratory (Return with Report) YELLOW - Laboratory PINK - Originator

Curtis & Tompkins, Ltd.

COOLER RECEIPT CHECKLIST

Login#: 178647 Date Received: 4/1/05 Number of Coolers: 9
Client: AME Project: Former GP Saw Mill

A. Preliminary Examination Phase
Date Opened: 4/1/05 By (print): Peter P. (sign) [signature]

1. Did cooler come with a shipping slip (airbill, etc.)? ..... YES NO
   If YES, enter carrier name and airbill number: UPS 179544 E6031000 2155
2. Were custody seals on outside of cooler? ..... YES NO
   How many and where? _____ Seal date: _____ Seal name: _____
3. Were custody seals unbroken and intact at the date and time of arrival? ..... YES NO N/A
4. Were custody papers dry and intact when received? ..... YES NO
5. Were custody papers filled out properly (ink, signed, etc.)? ..... YES NO
6. Did you sign the custody papers in the appropriate place? ..... YES NO
7. Was project identifiable from custody papers? ..... YES NO
   If YES, enter project name at the top of this form.
8. If required, was sufficient ice used? Samples should be 2-6 degrees C. ..... YES NO
   Type of ice: WET Temperature: 6.5°, 5.8°, 5°, 4.5°, 11°

B. Login Phase
Date Logged In: 4/1/05 By (print): Peter P. (sign) [signature]

1. Describe type of packing in cooler: Bubble wrap
2. Did all bottles arrive unbroken? ..... YES NO
3. Were labels in good condition and complete (ID, date, time, signature, etc.)? ..... YES NO
4. Did bottle labels agree with custody papers? ..... YES NO
5. Were appropriate containers used for the tests indicated? ..... YES NO
6. Were correct preservatives added to samples? ..... YES NO
7. Was sufficient amount of sample sent for tests indicated? ..... YES NO
8. Were bubbles absent in VOA samples? If NO, list sample Ids below ..... YES NO
9. Was the client contacted concerning this sample delivery? ..... YES NO
   If YES, give details below.
   Who was called? _____ By whom? _____ Date: _____

Additional Comments:
B2 - See attached sheet

Broken —

Acton - Mickelson - Environmental, Inc.
Date/Time: 3/31/05 0850
Sample ID: MW-7.1-0331/05
Sampler: DMJ
Tests: 8081A-Organochloride Pesticides
Bottle/Preservative: Amber Glass-None

Acton - Mickelson - Environmental, Inc.
Date/Time: 3/31/05 0850
Sample ID: MW-7.1-0331/05
Sampler: DMJ
Tests: 8270C-SVOCs
Bottle/Preservative: Amber Glass-None

→ +1 w/ Cap OFF
Half gone

Acton - Mickelson - Environmental, Inc.
Date/Time: 3/30/05 1400
Sample ID: MW-4.2-0330/05
Sampler: DMJ
Tests: 8015B-TPHd, TPHo w/ SGCU
Bottle/Preservative: Amber Glass-None

Acton - Mickelson - Environmental, Inc.
Date/Time: 3/30/05
Sample ID: MW-4.2-0330/05 1400
Sampler: DMJ
Tests: 8082-PCBs
Bottle/Preservative: Amber Glass-None

Acton - Mickelson - Environmental, Inc.
Date/Time: 3/31/05 1038
Sample ID: MW-10.1-0331/05
Sampler: DMJ
Tests: 8270C-SVOCs
Bottle/Preservative: Amber Glass-None

Acton - Mickelson - Environmental, Inc.
Date/Time: 3/31/05 1030
Sample ID: MW-10.1-0331/05
Sampler: DMJ
Tests: 8270C-SVOCs
Bottle/Preservative: Amber Glass-None

MW-10.2 — Cap OFF on Metals container
about 50 ml. Remains

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

0504062

Project Number: 178637
Site: Former GA-Pacific Sawmill

Subcontract Laboratory:
North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521
(707) 822-4649
ATTN: Loretta

Results due: 12-APR-2005 Report Level: II
FAX 4-1-05

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
MW3.4-032905	03/29	Water	TANNIN/LIGNIN	178637-001	
MW3.7-032905	03/29	Water	TANNIN/LIGNIN	178637-002	
MW3.8-032905	03/29	Water	TANNIN/LIGNIN	178637-003	
MW3.9-032905	03/29	Water	TANNIN/LIGNIN	178637-004	
MW4.3-033005	03/30	Water	TANNIN/LIGNIN	178637-005	
MW4.4-033005	03/30	Water	TANNIN/LIGNIN	178637-006	
MW5.4-032905	03/29	Water	TANNIN/LIGNIN	178637-007	
MW5.6-033005	03/30	Water	TANNIN/LIGNIN	178637-008	
MW5.7-033005	03/30	Water	TANNIN/LIGNIN	178637-009	
MW5.8-033005	03/30	Water	TANNIN/LIGNIN	178637-010	
MW5.9-033005	03/30	Water	TANNIN/LIGNIN	178637-011	

Cooler Temp=3.6C

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date/Time: 4/1/5 1500	Date/Time: 4/4/05 1445

Signature on this form constitutes a firm Purchase Order for the services requested above.

NORTH COAST LABORATORIES LTD.

April 12, 2005

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Attn: Lisa Brooker

RE: 178637

Order No.: 0504062
Invoice No.: 49307
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW3.4-032905
02A	MW3.7-032905
03A	MW3.8-032905
04A	MW3.9-032905
05A	MW4.3-033005
06A	MW4.4-033005
07A	MW5.4-032905
08A	MW5.6-033005
09A	MW5.7-033005
10A	MW5.8-033005
11A	MW5.9-033005

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s)

T. Sherman
QA Unit

Jesse G. Chaney, Jr.
Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *12-Apr-05*

CLIENT: Curtis & Tompkins, Ltd.
Project: 178637
Lab Order: 0504062

CASE NARRATIVE

Tannin and Lignin:
Individual chemicals are not differentiated by this method. Analytical results represent substances which reduce Folin phenol reagent.

Date: 12-Apr-05
WorkOrder: 0504062

ANALYTICAL REPORT

Client Sample ID: MW3.4-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-01A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.7-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-02A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.8-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-03A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.35	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.9-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-04A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.18	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW4.3-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-05A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.9	0.10	mg/L	1.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504062

ANALYTICAL REPORT

Client Sample ID: MW4.4-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-06A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.1	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.4-032905 **Received:** 4/4/05 **Collected:** 3/29/05 0:00
Lab ID: 0504062-07A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.4	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.6-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-08A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	4.7	0.20	mg/L	2.0		4/11/05

Client Sample ID: MW5.7-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-09A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	1.5	0.20	mg/L	2.0		4/11/05

Client Sample ID: MW5.8-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-10A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.12	0.10	mg/L	1.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504062

ANALYTICAL REPORT

Client Sample ID: MW5.9-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504062-11A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.95	0.10	mg/L	1.0		4/11/05

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504062
Project: 178637

QC SUMMARY REPORT

Method Blank

Sample ID: **MBLK** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:

Client ID: Run ID: **WC_050411F** SeqNo: **497415**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	ND	0.10									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504062
Project: 178637

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411F** SeqNo: **497416**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.016	0.10	1.00	0	102%	87	121	0			

Sample ID: **LCSD** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411F** SeqNo: **497417**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.056	0.10	1.00	0	106%	87	121	1.02	3.86%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

Project Number: 178601
Site: Former GA-Pacific Sawmill

0504024

Subcontract Laboratory:
North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521
(707) 822-4649
ATTN: Loretta

Results due: Report Level: II

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
MW3.2-032805	03/28	Water	TANNIN/LIGNIN	178601-001	
MW-DUP1-032805	03/28	Water	TANNIN/LIGNIN	178601-002	
MW3.3-032805	03/28	Water	TANNIN/LIGNIN	178601-003	
MW3.5-032905	03/29	Water	TANNIN/LIGNIN	178601-004	
MW3.6-032905	03/29	Water	TANNIN/LIGNIN	178601-005	
MW5.1-032905	03/29	Water	TANNIN/LIGNIN	178601-006	
MW5.2-032905	03/29	Water	TANNIN/LIGNIN	178601-007	
MW5.3-032905	03/29	Water	TANNIN/LIGNIN	178601-008	
MWDUP2-032905	03/29	Water	TANNIN/LIGNIN	178601-009	
MW5.5-032905	03/29	Water	TANNIN/LIGNIN	178601-010	
MW10.4-032805	03/28	Water	TANNIN/LIGNIN	178601-011	

Cooler Temp=1.3°C
CA O/N

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date/Time: 3/31/05 1550	Date/Time: 4/1/05 1515

Signature on this form constitutes a firm Purchase Order for the services requested above.

NORTH COAST LABORATORIES LTD.

April 12, 2005

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Attn: Lisa Brooker

RE: 178601

Order No.: 0504024
Invoice No.: 49305
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW3.2-032805
02A	MW-DUP1-032805
03A	MW3.3-032805
04A	MW3.5-032905
05A	MW3.6-032905
06A	MW5.1-032905
07A	MW5.2-032905
08A	MW5.3-032905
09A	MWDUP2-032905
10A	MW5.5-032905
11A	MW10.4-032805

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *12-Apr-05*

CLIENT: Curtis & Tompkins, Ltd.
Project: 178601
Lab Order: 0504024

CASE NARRATIVE

Tannin and Lignin:
Individual chemicals are not differentiated by this method. Analytical results represent substances which reduce Folin phenol reagent.

Date: 12-Apr-05
WorkOrder: 0504024

ANALYTICAL REPORT

Client Sample ID: MW3.2-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-01A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.13	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW-DUP1-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-02A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.14	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.3-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-03A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.5-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-04A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW3.6-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-05A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.20	0.10	mg/L	1.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504024

ANALYTICAL REPORT

Client Sample ID: MW5.1-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-06A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.8	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.2-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-07A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.3-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-08A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.7	0.10	mg/L	1.0		4/11/05

Client Sample ID: MWDUP2-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-09A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.4	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW5.5-032905 **Received:** 4/1/05 **Collected:** 3/29/05 0:00
Lab ID: 0504024-10A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	6.9	0.40	mg/L	4.0		4/11/05

Date: 12-Apr-05
WorkOrder: 0504024

ANALYTICAL REPORT

Client Sample ID: MW10.4-032805 **Received:** 4/1/05 **Collected:** 3/28/05 0:00
Lab ID: 0504024-11A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	3.7	0.20	mg/L	2.0		4/11/05

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504024
Project: 178601

QC SUMMARY REPORT

Method Blank

Sample ID: **MBLK** Batch ID: **R34312** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:

Client ID: Run ID: **WC_050411E** SeqNo: **497393**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	ND	0.10									

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504024
Project: 178601

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS** Batch ID: **R34312** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411E** SeqNo: **497394**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	0.9957	0.10	1.00	0	99.6%	87	121	0			

Sample ID: **LCSD** Batch ID: **R34312** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411E** SeqNo: **497395**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	0.9957	0.10	1.00	0	99.6%	87	121	0.996	0%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

Project Number: 178647
Site: Former GA-Pacific Sawmill

0504063

Subcontract Laboratory:
North Coast Laboratories, Ltd.
5680 West End Road
Arcata, CA 95521
(707) 822-4649
ATTN: Loretta

Results due: Report Level: II

Please send report to: Lisa Brooker
*** Please report using Sample ID rather than C&T Lab #.

Sample ID	Sampled	Matrix	Analysis	C&T Lab #	Comments
MW7.1-033105	03/31	Water	TANNIN/LIGNIN	178647-001	MS/MSD ~~—~~
MW10.1-033105	03/31	Water	TANNIN/LIGNIN	178647-002	
MW10.2-033105	3/31 ~~03/30~~	Water	TANNIN/LIGNIN	178647-003	
MWDUP3-033105	03/31	Water	TANNIN/LIGNIN	178647-004	
MW4.1-033005	03/30	Water	TANNIN/LIGNIN	178647-005	
MW4.2-033005	03/30	Water	TANNIN/LIGNIN	178647-006	

Cooler Temp = 3.6°C

Notes:	Relinquished By:	Received By:
	Aaron Frenz	K. Thompson
	Date/Time: 4/1/5 1500	Date/Time: 4/4/05 1445

Signature on this form constitutes a firm Purchase Order for the services requested above.

NORTH COAST LABORATORIES LTD.

April 13, 2005

Curtis & Tompkins, Ltd.
2323 Fifth Street
Berkeley, CA 94710

Attn: Lisa Brooker

RE: 178647

Order No.: 0504063
Invoice No.: 49308
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW7.1-033105
02A	MW10.1-033105
03A	MW10.2-033105
04A	MWDUP3-033105
05A	MW4.1-033005
06A	MW4.2-033005

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Laboratory Supervisor(s) | QA Unit | Jesse G. Chaney, Jr. Laboratory Director

5680 West End Road • Arcata California 95521-9202 • 707-822-4649 • FAX 707-822-6831

Printed on Recycled Paper

North Coast Laboratories, Ltd. **Date:** *12-Apr-05*

CLIENT: Curtis & Tompkins, Ltd.
Project: 178647
Lab Order: 0504063

CASE NARRATIVE

Tannin and Lignin:
Individual chemicals are not differentiated by this method. Analytical results represent substances which reduce Folin phenol reagent.

Date: 13-Apr-05
WorkOrder: 0504063

ANALYTICAL REPORT

Client Sample ID: MW7.1-033105 **Received:** 4/4/05 **Collected:** 3/31/05 0:00
Lab ID: 0504063-01A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	0.44	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW10.1-033105 **Received:** 4/4/05 **Collected:** 3/31/05 0:00
Lab ID: 0504063-02A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW10.2-033105 **Received:** 4/4/05 **Collected:** 3/31/05 0:00
Lab ID: 0504063-03A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MWDUP3-033105 **Received:** 4/4/05 **Collected:** 3/31/05 0:00
Lab ID: 0504063-04A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	ND	0.10	mg/L	1.0		4/11/05

Client Sample ID: MW4.1-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504063-05A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	4.3	0.20	mg/L	2.0		4/11/05

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Date: 13-Apr-05
WorkOrder: 0504063

ANALYTICAL REPORT

Client Sample ID: MW4.2-033005 **Received:** 4/4/05 **Collected:** 3/30/05 0:00
Lab ID: 0504063-06A

Test Name: Tannin and Lignin **Reference:** Std. Meth. 19th Ed. 5550 B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tannin and Lignin	2.4	0.10	mg/L	1.0		4/11/05

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North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504063
Project: 178647

QC SUMMARY REPORT

Method Blank

Sample ID: **MBLK** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:

Client ID: Run ID: **WC_050411F** SeqNo: **497415**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	ND	0.10									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504063
Project: 178647

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: **0504063-01A** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: **MW7.1-033105** Run ID: **WC_050411F** SeqNo: **497436**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.549	0.10	1.00	0.442	111%	87	121	0			

Sample ID: **0504063-01A** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: **MW7.1-033105** Run ID: **WC_050411F** SeqNo: **497437**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.543	0.10	1.00	0.442	110%	87	121	1.55	0.431%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 12-Apr-05

CLIENT: Curtis & Tompkins, Ltd.
Work Order: 0504063
Project: 178647

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID: **LCS** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411F** SeqNo: **497416**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.016	0.10	1.00	0	102%	87	121	0			

Sample ID: **LCSD** Batch ID: **R34313** Test Code: **TANLIW** Units: **mg/L** Analysis Date: **4/11/05** Prep Date:
Client ID: Run ID: **WC_050411F** SeqNo: **497417**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tannin and Lignin	1.056	0.10	1.00	0	106%	87	121	1.02	3.86%	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

APPENDIX D

DATA VALIDATION SUMMARY REPORTS

DATA VALIDATION REPORT

Project Name:	Georgia-Pacific California Wood Products Manufacturing Facility
Project Location:	90 West Redwood Avenue, Fort Bragg, California
Project Number:	16017.01
Project Activity:	Quarterly Ground Water Monitoring, First Quarter 2005
Laboratory:	Curtis & Tompkins Ltd., Berkeley, California
Sample Deliverable Group:	178544
Sample Date:	3/28/05
Sample Matrix Types:	Water
Samples:	See attached Table 1.
Report Date Final:	8/12/05
Review By:	J.R. Heglie

This quality assurance review is in accordance with the *Quality Assurance Plan (QAP),* which is Appendix C of the Acton • Mickelson • Environmental, Inc., June 9, 2005, *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.* Referenced guidance documents include U.S. EPA, October 1999, *US EPA Contract Laboratory Program, National Functional Guidelines for Organic Data Review*, EPA 540/R-99/008 and U.S. EPA, July 2002, *US EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review*, EPA 540/R-01/008.

ORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use. A portion of the data has been qualified due to apparent presence of toluene in the sample containers or conveyance tubing.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

Project Name: Georgia-Pacific California Wood Products Manufacturing Facility
Project Number: 16017.01
Sample Deliverable Group: 178544
Report Date Final: 8/12/05

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY. REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, REMARKS:
No exceptions noted.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
VOA8015	Water:	1	0	
(TPHg)	Soil:	NA	NA	
	Waste:	NA	NA	
VOA8260	Water:	1	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8015	Water:	1	0	
(TPHd,o)	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8270	Water:	1	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8310	Water:	1	0	
(PAHs)	Soil:	NA	NA	
	Waste:	NA	NA	
PEST 8081	Water:	1	0	
(Organo-	Soil:	NA	NA	
chloride)	Waste:	NA	NA	
PCB 8082	Water:	1	0	
(PCBs)	Soil:	NA	NA	
	Waste:	NA	NA	

SMWW	Water:	1	0
5550	Soil:	NA	NA
Tannin & Lignin	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
1. None.

III. SAMPLE HOLDING TIMES

VOA	Number Samples	Number Late
Water	1	0
Soil	NA	0
Waste	NA	0

SEMIVOLATILE	Number Samples	Number Late
Water	1	0
Soil	NA	0
Waste	NA	0

PESTICIDE/ PCB	Number Samples	Number Late
Water	1	0
Soil	NA	0
Waste	NA	0

REMARKS:
1. None.

IV. LABORATORY CONTROL SAMPLES

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
1. None.

VI. SURROGATE SPIKE RESULTS

		No. Samples	No. Samples J	No. Samples R
VOA8015	Water:	1	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	1	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	1	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	1	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	1	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	1	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	1	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:

1. The surrogate spike recovery for PCBs for sample 178544-001 (collected at MW-2.2) was greater than the upper control limit. Given that surrogate recoveries in the other samples in the same batch were within the control limits, and that the results were less than the reporting limits, no data were qualified.

VII. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
VOA8015	Water:	1	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	5	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	1	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	11	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	8	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	6	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	1	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
VOA8015	Water:	1	0
(TPHg)	Soil:	NA	NA
	Waste:	NA	NA
VOA8260	Water:	5	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8015	Water:	1	0
(NWTPH)	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8270	Water:	11	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8310	Water:	8	0
(PAHs)	Soil:	NA	NA
	Waste:	NA	NA
PEST 8081	Water:	6	0
(Organo-	Soil:	NA	NA
chloride)	Waste:	NA	NA
PCB 8082	Water:	1	0
(PCBs)	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

IX. FIELD DUPLICATE SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. No field duplicate samples were collected as part of this SDG. The results were qualified based on a separate SDG collected on the same day.

X. TRIP BLANK SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Trip blanks were contaminated as shown below:
1. None.

XI. EQUIPMENT BLANK SAMPLE RESULTS

Water: NA
Soil: NA
Waste: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:

1. Equipment blanks were not collected. Sampling equipment consisted of dedicated tubing at each sampling point and a peristaltic pump.
2. As reported by the laboratory, a total of 27 of the 32 ground water samples obtained in March 2005 contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L. Historically, reported toluene concentrations in ground water samples from the monitoring wells were generally below the RL. Reported toluene concentrations in trip blank samples collected in March 2005 were also below the RL. The relatively narrow range of reported concentrations, coupled with the lack of spatial correlation and the results of the trip blank samples and historical data suggests that the toluene was introduced to the samples through a pathway independent of the trip blank samples. (For example, introduction of toluene to the sample containers or sample tubing during transport or storage.) Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj".

XII. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

INORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY, REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, FIELD FILTRATION, REMARKS:
No exceptions noted. Metal samples were field filtered.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
6000/7000	Water:	1	0	
Metals	Soil:	NA	NA	
	Waste:	NA	NA	

NA – Not analyzed.

REMARKS:
None.

III. SAMPLE HOLDING TIMES (WATER ONLY)

	Number Samples	Number Late
6000/7000 Metals	1	0

REMARKS:
None.

IV. LABORATORY CONTROL SAMPLES

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
None.

VI. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
6000/7000	Water:	17	0	0
Metals	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
6000/7000	Water:	17	0
Metals	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. FIELD DUPLICATE SAMPLE RESULTS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. No field duplicate samples were collected as part of this SDG. The results were qualified based on a separate SDG collected on the same day.

IX. EQUIPMENT BLANK SAMPLE RESULTS

Water: 6000/7000: NA
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:
None.

X. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

Project Name: Georgia-Pacific California Wood Products Manufacturing Facility
Project Number: 16017.01
Sample Deliverable Group: 178544
Report Date Final: 8/12/05

TABLE 1
SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Location	Sample ID	Sample Date	Matrix	Type	Lab ID	Receipt Date	ID on COC
MW-2.2	MW2.2-032805	3/28/2005	Ground Water	Normal Environmental Sample	178544-001	3/29/2005	MW2.2-032805

TABLE 2
SUMMARY OF QUALIFIED DATA

Sample ID	Lab ID	Method	Analysis Date	Analysis Time	Chemical	Result	Units	Detect Flag	Lab Qual	Review Qual	MDL	EQL
MW2.2-032805	178544-001	EPA 8260B	3/31/2005	1:32:00 PM	Toluene	1.5	ug/l	Y		uj	0.05	0.5

DATA VALIDATION REPORT

Project Name:	Georgia-Pacific California Wood Products Manufacturing Facility
Project Location:	90 West Redwood Avenue, Fort Bragg, California
Project Number:	16017.01
Project Activity:	Quarterly Ground Water Monitoring, First Quarter 2005
Laboratory:	Curtis & Tompkins Ltd., Berkeley, California
Sample Deliverable Group:	178560
Sample Date:	3/28/05
Sample Matrix Types:	Water
Samples:	See attached Table 1.
Report Date Final:	8/12/05
Review By:	J.R. Heglie

This quality assurance review is in accordance with the *Quality Assurance Plan (QAP),* which is Appendix C of the Acton • Mickelson • Environmental, Inc., June 9, 2005, *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.* Referenced guidance documents include U.S. EPA, October 1999, *US EPA Contract Laboratory Program, National Functional Guidelines for Organic Data Review*, EPA 540/R-99/008 and U.S. EPA, July 2002, *US EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review*, EPA 540/R-01/008.

ORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use. A portion of the data has been qualified due to apparent presence of toluene in the sample containers or conveyance tubing.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY. REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, REMARKS:
A portion of the coolers was received at a temperature above 6 degrees C (recorded temperatures ranged from 4.5 to 10.7 degrees C). The samples were collected on 3/28/05, sent between 2 and 3 PM on 3/28/05, and received on 3/29/05 at 11:50 AM. Given that the

samples had been cooled relative to ground water temperatures, that the VOAs were preserved with HCL, and that the transit time was less than 24 hours, no data were qualified.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
VOA8015	Water:	4	0	
(TPHg)	Soil:	NA	NA	
	Waste:	NA	NA	
VOA8260	Water:	4	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8015	Water:	3	0	
(TPHd,o)	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8270	Water:	3	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8310	Water:	3	0	
(PAHs)	Soil:	NA	NA	
	Waste:	NA	NA	
PEST 8081	Water:	3	0	
(Organo-	Soil:	NA	NA	
chloride)	Waste:	NA	NA	
PCB 8082	Water:	3	0	
(PCBs)	Soil:	NA	NA	
	Waste:	NA	NA	
SMWW	Water:	3	0	
5550	Soil:	NA	NA	
Tannin &	Waste:	NA	NA	
Lignin				

NA – Not analyzed.

REMARKS:
1. None.

III. SAMPLE HOLDING TIMES

VOA	Number Samples	Number Late
Water	4	0
Soil	NA	0
Waste	NA	0

SEMIVOLATILE	Number Samples	Number Late
Water	3	0
Soil	NA	0
Waste	NA	0

PESTICIDE/ PCB	Number Samples	Number Late
Water	3	0
Soil	NA	0
Waste	NA	0

REMARKS:
1. None.

IV. LABORATORY CONTROL SAMPLES

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
1. None.

VI. SURROGATE SPIKE RESULTS

		No. Samples	No. Samples J	No. Samples R
VOA8015	Water:	4	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	4	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	3	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	3	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	3	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	3	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	3	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:

1. The surrogate spike recovery for decachlorobiphenyl for PCBs for the 3 samples was greater than the upper control limit. Given that surrogate recoveries for TCMX were within the control limits, and that the results were less than the reporting limits, no data were qualified.

VII. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
VOA8015	Water:	1	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	5	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	1	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	11	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	8	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	6	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	1	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
VOA8015	Water:	1	0
(TPHg)	Soil:	NA	NA
	Waste:	NA	NA
VOA8260	Water:	5	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8015	Water:	1	0
(NWTPH)	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8270	Water:	11	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8310	Water:	8	0
(PAHs)	Soil:	NA	NA
	Waste:	NA	NA
PEST 8081	Water:	6	0
(Organo-	Soil:	NA	NA
chloride)	Waste:	NA	NA
PCB 8082	Water:	1	0
(PCBs)	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

IX. FIELD DUPLICATE SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. No field duplicate samples were collected as part of this SDG. The results were qualified based on a separate SDG collected on the same day.

X. TRIP BLANK SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Trip blanks were contaminated as shown below:
1. None.

XI. EQUIPMENT BLANK SAMPLE RESULTS

Water: NA
Soil: NA
Waste: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:

1. Equipment blanks were not collected. Sampling equipment consisted of dedicated tubing at each sampling point and a peristaltic pump.
2. As reported by the laboratory, a total of 27 of the 32 ground water samples obtained in March 2005 contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L. Historically, reported toluene concentrations in ground water samples from the monitoring wells were generally below the RL. Reported toluene concentrations in trip blank samples collected in March 2005 were also below the RL. The relatively narrow range of reported concentrations, coupled with the lack of spatial correlation and the results of the trip blank samples and historical data suggests that the toluene was introduced to the samples through a pathway independent of the trip blank samples. (For example, introduction of toluene to the sample containers or sample tubing during transport or storage.) Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj".

XII. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

INORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY, REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, FIELD FILTRATION, REMARKS:
No exceptions noted. Metal samples were field filtered.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
6000/7000	Water:	3	0	
Metals	Soil:	NA	NA	
	Waste:	NA	NA	

NA – Not analyzed.

REMARKS:
None.

III. SAMPLE HOLDING TIMES (WATER ONLY)

	Number Samples	Number Late
6000/7000 Metals	3	0

REMARKS:
None.

IV. LABORATORY CONTROL SAMPLES

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
None.

VI. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
6000/7000	Water:	17	0	0
Metals	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
6000/7000	Water:	17	0
Metals	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. FIELD DUPLICATE SAMPLE RESULTS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. No field duplicate samples were collected as part of this SDG. The results were qualified based on a separate SDG collected on the same day.

IX. EQUIPMENT BLANK SAMPLE RESULTS

Water: 6000/7000: NA
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:
None.

X. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

TABLE 1
SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Location	Sample ID	Sample Date	Matrix	Type	Lab ID	Receipt Date	ID on COC
MW-2.1	MW2.1-032805	3/28/2005	Ground Water	Normal Environmental Sample	178560-001	3/29/2005	MW2.1-032805
MW-2.1	MW2.1-032805-TB	3/28/2005	Water Quality Control Matrix	Trip Blank	178560-004	3/29/2005	MW2.1-032805-TB
MW-2.3	MW2.3-032805	3/28/2005	Ground Water	Normal Environmental Sample	178560-002	3/29/2005	MW2.3-032805
MW-3.1	MW3.1-032805	3/28/2005	Ground Water	Normal Environmental Sample	178560-003	3/29/2005	MW3.1-032805

TABLE 2
SUMMARY OF QUALIFIED DATA

Sample ID	Lab ID	Method	Analysis Date	Analysis Time	Chemical	Result	Units	Detect Flag	Lab Qual	Review Qual	MDL	EQL
MW2.1-032805	178560-001	EPA 8260B	3/31/2005	9:56:00 AM	Toluene	2.7	ug/l	Y		uj	0.05	0.5
MW2.3-032805	178560-002	EPA 8260B	3/31/2005	2:05:00 PM	Toluene	1.3	ug/l	Y		uj	0.05	0.5
MW3.1-032805	178560-003	EPA 8260B	3/31/2005	2:38:00 PM	Toluene	1.4	ug/l	Y		uj	0.05	0.5

DATA VALIDATION REPORT

Project Name:	Georgia-Pacific California Wood Products Manufacturing Facility
Project Location:	90 West Redwood Avenue, Fort Bragg, California
Project Number:	16017.01
Project Activity:	Quarterly Ground Water Monitoring, First Quarter 2005
Laboratory:	Curtis & Tompkins Ltd., Berkeley, California
Sample Deliverable Group:	178601
Sample Date:	3/28-29/05
Sample Matrix Types:	Water
Samples:	See attached Table 1.
Report Date Final:	8/12/05
Review By:	J.R. Heglie

This quality assurance review is in accordance with the *Quality Assurance Plan (QAP),* which is Appendix C of the Acton • Mickelson • Environmental, Inc., June 9, 2005, *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.* Referenced guidance documents include U.S. EPA, October 1999, *US EPA Contract Laboratory Program, National Functional Guidelines for Organic Data Review*, EPA 540/R-99/008 and U.S. EPA, July 2002, *US EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review*, EPA 540/R-01/008.

ORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use. A portion of the data has been qualified due to apparent presence of toluene in the sample containers or conveyance tubing. A portion of the semivolatile data has been qualified due to surrogate recoveries.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY. REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, REMARKS:
A portion of the coolers was received at a temperature above 6 degrees C (recorded temperatures ranged from 5.5 to 13.3 degrees C, and were 7.6 degrees C for VOAs). The samples were collected on 3/28/05 to 3/29/05, sent between approximately 1 and 2 PM on

3/29/05, and received on 3/30/05 at 1:30 PM. Given that the samples had been cooled relative to ground water temperatures, that the VOAs were preserved with HCL, and that the transit time was approximately 24 hours, no data were qualified.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
VOA8015	Water:	13	0	
(TPHg)	Soil:	NA	NA	
	Waste:	NA	NA	
VOA8260	Water:	13	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8015	Water:	12	0	
(TPHd,o)	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8270	Water:	12	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8310	Water:	12	0	
(PAHs)	Soil:	NA	NA	
	Waste:	NA	NA	
PEST 8081	Water:	12	0	
(Organo-	Soil:	NA	NA	
chloride)	Waste:	NA	NA	
PCB 8082	Water:	12	0	
(PCBs)	Soil:	NA	NA	
	Waste:	NA	NA	
SMWW	Water:	12	0	
5550	Soil:	NA	NA	
Tannin &	Waste:	NA	NA	
Lignin				

NA – Not analyzed.

REMARKS:
1. None.

III. SAMPLE HOLDING TIMES

VOA	Number Samples	Number Late
Water	13	0
Soil	NA	0
Waste	NA	0

SEMIVOLATILE	Number Samples	Number Late
Water	12	0
Soil	NA	0
Waste	NA	0

PESTICIDE/ PCB	Number Samples	Number Late
Water	12	0
Soil	NA	0
Waste	NA	0

REMARKS:
1. None.

IV. LABORATORY CONTROL SAMPLES

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
1. None.

VI. SURROGATE SPIKE RESULTS

		No. Samples	No. Samples J	No. Samples R
VOA8015	Water:	13	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	13	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	12	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	12	2	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	12	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	12	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	12	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:

1. The surrogate spike recoveries for bromofluorobenzene for 8260 VOCs in two samples were greater than the upper control limit. Given that the results were less than the reporting limits, no data were qualified.
2. The surrogate spike recoveries for nitrobenzene-d5 in sample 178601-010 (MW-5.5) and for phenol-d5, nitrobenzene-d5, and 2-fluorobipheny in sample 178601-113 were less than the lower control limits. Since the results were less than the reporting limits, a portion of the detection limits has been qualified as estimated (“uj”).

3. The surrogate spike recoveries for decachlorobiphenyl and TCMX for pesticides and PCBs for 4 of the samples were greater than the upper control limits. Given that the results were less than the reporting limits, no data were qualified.

VII. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
VOA8015	Water:	1	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	5	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	1	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	11	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	8	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	6	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	1	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
VOA8015	Water:	1	0
(TPHg)	Soil:	NA	NA
	Waste:	NA	NA
VOA8260	Water:	5	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8015	Water:	1	0
(NWTPH)	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8270	Water:	11	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8310	Water:	8	0
(PAHs)	Soil:	NA	NA
	Waste:	NA	NA
PEST 8081	Water:	6	0
(Organo-	Soil:	NA	NA
chloride)	Waste:	NA	NA
PCB 8082	Water:	1	0
(PCBs)	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

IX. FIELD DUPLICATE SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A	
Soil:	VOA8015: NA	VOA8260: NA	
Waste:	VOA8015: NA	VOA8260: NA	
Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. None.

X. TRIP BLANK SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Trip blanks were contaminated as shown below:
1. None.

XI. EQUIPMENT BLANK SAMPLE RESULTS

Water: NA
Soil: NA
Waste: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:

1. Equipment blanks were not collected. Sampling equipment consisted of dedicated tubing at each sampling point and a peristaltic pump.
2. As reported by the laboratory, a total of 27 of the 32 ground water samples obtained in March 2005 contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L. Historically, reported toluene concentrations in ground water samples from the monitoring wells were generally below the RL. Reported toluene concentrations in trip blank samples collected in March 2005 were also below the RL. The relatively narrow range of reported concentrations, coupled with the lack of spatial correlation and the results of the trip blank samples and historical data suggests that the toluene was introduced to the samples through a pathway independent of the trip blank samples. (For example, introduction of toluene to the sample containers or sample tubing during transport or storage.) Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj".

XII. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

INORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY, REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, FIELD FILTRATION, REMARKS:
No exceptions noted. Metal samples were field filtered.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
6000/7000	Water:	12	0	
Metals	Soil:	NA	NA	
	Waste:	NA	NA	

NA – Not analyzed.

REMARKS:
None.

III. SAMPLE HOLDING TIMES (WATER ONLY)

	Number Samples	Number Late
6000/7000 Metals	12	0

REMARKS:
None.

IV. LABORATORY CONTROL SAMPLES

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
None.

VI. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
6000/7000	Water:	17	0	0
Metals	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
6000/7000	Water:	17	0
Metals	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. FIELD DUPLICATE SAMPLE RESULTS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. None.

IX. EQUIPMENT BLANK SAMPLE RESULTS

Water: 6000/7000: NA
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:
None.

X. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

TABLE 1
SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Location	Sample ID	Sample Date	Matrix	Type	Lab ID	Receipt Date	ID on COC
MW-3.2	MW3.2-032805	3/28/2005	Ground Water	Normal Environmental Sample	178601-001	3/30/2005	MW3.2-032805
MW-3.2	MW-DUP1-032805	3/28/2005	Ground Water	Field Duplicate	178601-002	3/30/2005	MW-DUP1-032805
MW-3.3	MW3.3-032805	3/28/2005	Ground Water	Normal Environmental Sample	178601-003	3/30/2005	MW3.3-032805
MW-3.5	MW3.5-032905	3/29/2005	Ground Water	Normal Environmental Sample	178601-004	3/30/2005	MW3.5-032905
MW-3.6	MW3.6-032905	3/29/2005	Ground Water	Normal Environmental Sample	178601-005	3/30/2005	MW3.6-032905
MW-5.1	MW5.1-032905	3/29/2005	Ground Water	Normal Environmental Sample	178601-006	3/30/2005	MW5.1-032905
MW-5.2	MW5.2-032905	3/29/2005	Ground Water	Normal Environmental Sample	178601-007	3/30/2005	MW5.2-032905
MW-5.3	MW5.3-032905	3/29/2005	Ground Water	Normal Environmental Sample	178601-008	3/30/2005	MW5.3-032905
MW-5.3	MWDUP2-032905	3/29/2005	Ground Water	Field Duplicate	178601-009	3/30/2005	MWDUP2-032905
MW-5.5	MW5.5-032905	3/29/2005	Ground Water	Normal Environmental Sample	178601-010	3/30/2005	MW5.5-032905
MW-10.4	MW10.4-032805	3/28/2005	Ground Water	Normal Environmental Sample	178601-011	3/30/2005	MW10.4-032805
MW-3.2	MW3.2-032805-TB	3/28/2005	Water Quality Control Matrix	Trip Blank	178601-012	3/30/2005	MW-3.2-032805-TB
MW-5.4	MW5.4-032905b	3/29/2005	Ground Water	Normal Environmental Sample	178601-013	3/30/2005	MW-5.4-032905

Project Name: Georgia-Pacific California Wood Products Manufacturing Facility
Project Number: 16017.01
Sample Deliverable Group: 178601
Report Date Final: 8/12/05

TABLE 2
SUMMARY OF QUALIFIED DATA

Sample ID	Lab ID	Method	Analysis Date	Analysis Time	Chemical	Result	Units	Detect Flag	Lab Qual	Review Qual	MDL	EQL
MW3.2-032805	178601-001	EPA 8260B	4/1/2005	12:57:00 PM	Toluene	1	ug/l	Y		uj	0.06	0.5
MW-DUP1-032805	178601-002	EPA 8260B	4/1/2005	1:35:00 PM	Toluene	0.9	ug/l	Y		uj	0.06	0.5
MW3.3-032805	178601-003	EPA 8260B	3/31/2005	5:03:00 PM	Toluene	0.9	ug/l	Y		uj	0.06	0.5
MW3.5-032905	178601-004	EPA 8260B	4/1/2005	2:11:00 PM	Toluene	0.5	ug/l	Y		uj	0.06	0.5
MW3.6-032905	178601-005	EPA 8260B	4/1/2005	2:47:00 PM	Toluene	0.7	ug/l	Y		uj	0.06	0.5
MW5.1-032905	178601-006	EPA 8260B	4/1/2005	3:22:00 PM	Toluene	0.5	ug/l	Y		uj	0.06	0.5
MW5.2-032905	178601-007	EPA 8260B	4/6/2005	12:51:00 AM	Toluene	0.6	ug/l	Y		uj	0.06	0.5
MW5.3-032905	178601-008	EPA 8260B	4/4/2005	9:19:00 PM	Toluene	0.9	ug/l	Y		uj	0.05	0.5
MWDUP2-032905	178601-009	EPA 8260B	4/4/2005	9:53:00 PM	Toluene	0.9	ug/l	Y		uj	0.05	0.5
MW5.5-032905	178601-010	EPA 8260B	4/4/2005	10:26:00 PM	Toluene	0.8	ug/l	Y		uj	0.05	0.5
MW5.5-032905	178601-010	EPA 8270C	4/12/2005	3:13:00 PM	2,4-Dinitrotoluene		ug/l	N		uj	0.82	10
MW5.5-032905	178601-010	EPA 8270C	4/12/2005	3:13:00 PM	2,6-Dinitrotoluene		ug/l	N		uj	0.7	10
MW5.5-032905	178601-010	EPA 8270C	4/12/2005	3:13:00 PM	Hexachloroethane		ug/l	N		uj	0.78	10
MW5.5-032905	178601-010	EPA 8270C	4/12/2005	3:13:00 PM	Nitrobenzene		ug/l	N		uj	1.1	10
MW5.5-032905	178601-010	EPA 8270C	4/12/2005	3:13:00 PM	N-Nitroso-di-n-propylamine		ug/l	N		uj	1.3	10
MW5.5-032905	178601-010	EPA 8270C	4/12/2005	3:13:00 PM	N-Nitrosodiphenylamine		ug/l	N		uj	0.72	10
MW10.4-032805	178601-011	EPA 8260B	4/4/2005	10:59:00 PM	Toluene	1.8	ug/l	Y		uj	0.05	0.5
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	2,4,5-Trichlorophenol		ug/l	N		uj	2	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	2,4,6-Trichlorophenol		ug/l	N		uj	2	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	2,4-Dinitrotoluene		ug/l	N		uj	0.82	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	2,6-Dinitrotoluene		ug/l	N		uj	0.7	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	bis(2-Ethylhexyl)phthalate		ug/l	N		uj	1.3	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Butylbenzylphthalate		ug/l	N		uj	0.58	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Diethylphthalate		ug/l	N		uj	0.85	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Dimethylphthalate		ug/l	N		uj	0.84	10
MW10.4-	178601-	EPA	4/12/2005	2:39:00	Di-n-butylphthalate		ug/l	N		uj	0.8	10

Project Name: Georgia-Pacific California Wood Products Manufacturing Facility
Project Number: 16017.01
Sample Deliverable Group: 178601
Report Date Final: 8/12/05

Sample ID	Lab ID	Method	Analysis Date	Analysis Time	Chemical	Result	Units	Detect Flag	Lab Qual	Review Qual	MDL	EQL
032805	011	8270C		PM								
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Di-n-octylphthalate		ug/l	N		uj	0.28	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Hexachloroethane		ug/l	N		uj	0.78	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Naphthalene		ug/l	N		uj	0.73	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Nitrobenzene		ug/l	N		uj	1.1	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	N-Nitrosodimethylamine		ug/l	N		uj	0.91	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	N-Nitroso-di-n-propylamine		ug/l	N		uj	1.3	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	N-Nitrosodiphenylamine		ug/l	N		uj	0.72	10
MW10.4-032805	178601-011	EPA 8270C	4/12/2005	2:39:00 PM	Phenol		ug/l	N		uj	2.2	10
MW5.4-032905b	178601-013	EPA 8260B	4/4/2005	11:32:00 PM	Toluene	0.7	ug/l	Y		uj	0.05	0.5

DATA VALIDATION REPORT

Project Name:	Georgia-Pacific California Wood Products Manufacturing Facility
Project Location:	90 West Redwood Avenue, Fort Bragg, California
Project Number:	16017.01
Project Activity:	Quarterly Ground Water Monitoring, First Quarter 2005
Laboratory:	Curtis & Tompkins Ltd., Berkeley, California
Sample Deliverable Group:	178637
Sample Date:	3/29-30/05
Sample Matrix Types:	Water
Samples:	See attached Table 1.
Report Date Final:	8/12/05
Review By:	J.R. Heglie

This quality assurance review is in accordance with the *Quality Assurance Plan (QAP),* which is Appendix C of the Acton • Mickelson • Environmental, Inc., June 9, 2005, *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.* Referenced guidance documents include U.S. EPA, October 1999, *US EPA Contract Laboratory Program, National Functional Guidelines for Organic Data Review*, EPA 540/R-99/008 and U.S. EPA, July 2002, *US EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review*, EPA 540/R-01/008.

ORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY. REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, REMARKS:
A portion of the coolers was received at a temperature above 6 degrees C (recorded temperatures ranged from 4.6 to 12.1 degrees C). The samples were collected on 3/29/05 to 3/30/05, sent between approximately 1 and 2 PM on 3/30/05, and received on 3/31/05 at 10:00 AM. Given that the samples had been cooled relative to ground water temperatures, that no VOAs were included in the shipment, and that the transit time was less than 24

hours, no data were qualified. Sample breakage precluded analysis of sample 178637-003 (MW-3.8) for organochloride pesticides.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
VOA8015	Water:	NA	NA	
(TPHg)	Soil:	NA	NA	
	Waste:	NA	NA	
VOA8260	Water:	NA	NA	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8015	Water:	11	0	
(TPHd,o)	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8270	Water:	11	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8310	Water:	11	0	
(PAHs)	Soil:	NA	NA	
	Waste:	NA	NA	
PEST 8081	Water:	10	0	
(Organo-	Soil:	NA	NA	
chloride)	Waste:	NA	NA	
PCB 8082	Water:	11	0	
(PCBs)	Soil:	NA	NA	
	Waste:	NA	NA	
SMWW	Water:	11	0	
5550	Soil:	NA	NA	
Tannin &	Waste:	NA	NA	
Lignin				

NA – Not analyzed.

REMARKS:
1. None.

III. SAMPLE HOLDING TIMES

VOA	Number Samples	Number Late
Water	NA	0
Soil	NA	0
Waste	NA	0

SEMIVOLATILE	Number Samples	Number Late
Water	11	0
Soil	NA	0
Waste	NA	0

PESTICIDE/ PCB	Number Samples	Number Late
Water	11	0
Soil	NA	0
Waste	NA	0

REMARKS:
1. None.

IV. LABORATORY CONTROL SAMPLES

Water:	VOA8015: NA	VOA8260: NA
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water:	VOA8015: NA	VOA8260: NA
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
1. None.

VI. SURROGATE SPIKE RESULTS

		No. Samples	No. Samples J	No. Samples R
VOA8015	Water:	NA	NA	NA
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	NA	NA	NA
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	11	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	11	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	11	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	10	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	11	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:

1. The surrogate spike recoveries for decachlorobiphenyl and TCMX for pesticides and PCBs for 10 of the samples were greater than the upper control limits. Given that the results were less than the reporting limits, no data were qualified.

VII. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
VOA8015	Water:	NA	NA	NA
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	NA	NA	NA
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	1	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	11	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	8	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	6	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	1	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
VOA8015	Water:	NA	NA
(TPHg)	Soil:	NA	NA
	Waste:	NA	NA
VOA8260	Water:	5	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8015	Water:	1	0
(NWTPH)	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8270	Water:	11	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8310	Water:	8	0
(PAHs)	Soil:	NA	NA
	Waste:	NA	NA
PEST 8081	Water:	6	0
(Organo-	Soil:	NA	NA
chloride)	Waste:	NA	NA
PCB 8082	Water:	1	0
(PCBs)	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

IX. FIELD DUPLICATE SAMPLE RESULTS

Water:	VOA8015: NA	VOA8260: NA	
Soil:	VOA8015: NA	VOA8260: NA	
Waste:	VOA8015: NA	VOA8260: NA	
Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. No field duplicate samples were collected as part of this SDG. The results were qualified based on a separate SDG collected on the same day.

X. TRIP BLANK SAMPLE RESULTS

Water:	VOA8015: NA	VOA8260: NA
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Trip blanks were contaminated as shown below:
1. No VOAs were included in this SDG.

XI. EQUIPMENT BLANK SAMPLE RESULTS

Water: NA
Soil: NA
Waste: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:

1. Equipment blanks were not collected. Sampling equipment consisted of dedicated tubing at each sampling point and a peristaltic pump.
2. As reported by the laboratory, a total of 27 of the 32 ground water samples obtained in March 2005 contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L. Historically, reported toluene concentrations in ground water samples from the monitoring wells were generally below the RL. Reported toluene concentrations in trip blank samples collected in March 2005 were also below the RL. The relatively narrow range of reported concentrations, coupled with the lack of spatial correlation and the results of the trip blank samples and historical data suggests that the toluene was introduced to the samples through a pathway independent of the trip blank samples. (For example, introduction of toluene to the sample containers or sample tubing during transport or storage.) Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj".

XII. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

INORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY, REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, FIELD FILTRATION, REMARKS:
No exceptions noted. Metal samples were field filtered.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
6000/7000	Water:	11	0	
Metals	Soil:	NA	NA	
	Waste:	NA	NA	

NA – Not analyzed.

REMARKS:
None.

III. SAMPLE HOLDING TIMES (WATER ONLY)

	Number Samples	Number Late
6000/7000 Metals	11	0

REMARKS:
None.

IV. LABORATORY CONTROL SAMPLES

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
None.

VI. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
6000/7000	Water:	17	0	0
Metals	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
6000/7000	Water:	17	0
Metals	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. FIELD DUPLICATE SAMPLE RESULTS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. No field duplicate samples were collected as part of this SDG. The results were qualified based on a separate SDG collected on the same day.

IX. EQUIPMENT BLANK SAMPLE RESULTS

Water: 6000/7000: NA
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:
None.

X. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

TABLE 1
SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Location	Sample ID	Sample Date	Matrix	Type	Lab ID	Receipt Date	ID on COC
MW-3.4	MW3.4-032905	3/29/2005	Ground Water	Normal Environmental Sample	178637-001	3/31/2005	MW3.4-032905
MW-3.7	MW3.7-032905	3/29/2005	Ground Water	Normal Environmental Sample	178637-002	3/31/2005	MW3.7-032905
MW-3.8	MW3.8-032905	3/29/2005	Ground Water	Normal Environmental Sample	178637-003	3/31/2005	MW3.8-032905
MW-3.9	MW3.9-032905	3/29/2005	Ground Water	Normal Environmental Sample	178637-004	3/31/2005	MW3.9-032905
MW-4.3	MW4.3-033005	3/30/2005	Ground Water	Normal Environmental Sample	178637-005	3/31/2005	MW4.3-033005
MW-4.4	MW4.4-033005	3/30/2005	Ground Water	Normal Environmental Sample	178637-006	3/31/2005	MW4.4-033005
MW-5.4	MW5.4-032905	3/29/2005	Ground Water	Normal Environmental Sample	178637-007	3/31/2005	MW5.4-032905
MW-5.6	MW5.6-033005	3/30/2005	Ground Water	Normal Environmental Sample	178637-008	3/31/2005	MW5.6-033005
MW-5.7	MW5.7-033005	3/30/2005	Ground Water	Normal Environmental Sample	178637-009	3/31/2005	MW5.7-033005
MW-5.8	MW5.8-033005	3/30/2005	Ground Water	Normal Environmental Sample	178637-010	3/31/2005	MW5.8-033005
MW-5.9	MW5.9-033005	3/30/2005	Ground Water	Normal Environmental Sample	178637-011	3/31/2005	MW5.9-033005

TABLE 2
SUMMARY OF QUALIFIED DATA

None.

DATA VALIDATION REPORT

Project Name:	Georgia-Pacific California Wood Products Manufacturing Facility
Project Location:	90 West Redwood Avenue, Fort Bragg, California
Project Number:	16017.01
Project Activity:	Quarterly Ground Water Monitoring, First Quarter 2005
Laboratory:	Curtis & Tompkins Ltd., Berkeley, California
Sample Deliverable Group:	178647
Sample Date:	3/29-31/05
Sample Matrix Types:	Water
Samples:	See attached Table 1.
Report Date Final:	8/12/05
Review By:	J.R. Heglie

This quality assurance review is in accordance with the *Quality Assurance Plan (QAP),* which is Appendix C of the Acton • Mickelson • Environmental, Inc., June 9, 2005, *Work Plan for Additional Site Assessment, Georgia-Pacific California Wood Products Manufacturing Facility.* Referenced guidance documents include U.S. EPA, October 1999, *US EPA Contract Laboratory Program, National Functional Guidelines for Organic Data Review*, EPA 540/R-99/008 and U.S. EPA, July 2002, *US EPA Contract Laboratory Program, National Functional Guidelines for Inorganic Data Review*, EPA 540/R-01/008.

ORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use. A portion of the data has been qualified due to apparent presence of toluene in the sample containers or conveyance tubing. A portion of the semivolatile PAH data has been qualified due to holding times.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY. REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, REMARKS:
One cooler was received at a temperature above 6 degrees C (recorded temperatures 11 degrees C, but it did not include VOAs). The samples were collected on 3/29/05 to 3/31/05, sent between approximately 1 and 4 PM on 3/31/05, and received on 4/1/05 at

11:45 AM. Given that the samples had been cooled relative to ground water temperatures, and that the transit time was approximately 24 hours, no data were qualified. Sample breakage precluded analysis of sample 178647-006 (MW-4.2) for SVOCs by 8270 and PCBs by 8082.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
VOA8015	Water:	17	0	
(TPHg)	Soil:	NA	NA	
	Waste:	NA	NA	
VOA8260	Water:	17	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8015	Water:	6	0	
(TPHd,o)	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8270	Water:	5	0	
	Soil:	NA	NA	
	Waste:	NA	NA	
SEMIV 8310	Water:	6	0	
(PAHs)	Soil:	NA	NA	
	Waste:	NA	NA	
PEST 8081	Water:	6	0	
(Organo-	Soil:	NA	NA	
chloride)	Waste:	NA	NA	
PCB 8082	Water:	5	0	
(PCBs)	Soil:	NA	NA	
	Waste:	NA	NA	
SMWW	Water:	6	0	
5550	Soil:	NA	NA	
Tannin &	Waste:	NA	NA	
Lignin				

NA – Not analyzed.

REMARKS:
1. None.

III. SAMPLE HOLDING TIMES

VOA	Number Samples	Number Late
Water	17	0
Soil	NA	0
Waste	NA	0

SEMIVOLATILE	Number Samples	Number Late
Water	6	2
Soil	NA	0
Waste	NA	0

PESTICIDE/ PCB	Number Samples	Number Late
Water	6	0
Soil	NA	0
Waste	NA	0

REMARKS:
1. Samples 178647-001 and –002 (MW-7.1 and MW-10.1, respectively) were prepared 24 hours outside of the holding time for analysis for PAHs by 8310. Results were reported at less than the RL. The reporting limits were qualified as estimated ("uj").

IV. LABORATORY CONTROL SAMPLES

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA

Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:

1. Two chemicals were detected above the RL in two of the method blanks. These analytes were not detected above the RL in the associated samples, so no data were qualified.

VI. SURROGATE SPIKE RESULTS

		No. Samples	No. Samples J	No. Samples R
VOA8015	Water:	17	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	17	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	6	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	5	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	6	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	5	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	6	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:

1. The surrogate spike recoveries for either decachlorobiphenyl or TCMX for the pesticide 8081 samples and 3 of the PCB 8082 samples were greater than the upper control limits. Given that the results were less than the reporting limits, and that only 1 of the 2 recoveries exceeded the upper control limit for a particular sample, no data were qualified.
2. A portion of the surrogate spike recoveries for sample 178647-004 (MW-10.2 duplicate sample) for the PAH 8310 samples was greater than the respective upper control limits. High surrogate recoveries were also reported for the LCS sample. Given that the

results were less than the reporting limit, no data were qualified based on surrogate recoveries.

VII. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
VOA8015	Water:	1	0	0
(TPHg)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
VOA8260	Water:	5	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8015	Water:	1	0	0
(TPHd,o)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8270	Water:	11	0	0
	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
SEMIV 8310	Water:	8	0	0
(PAHs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA
PEST 8081	Water:	6	0	0
(Organo-	Soil:	NA	NA	NA
chloride)	Waste:	NA	NA	NA
PCB 8082	Water:	1	0	0
(PCBs)	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
VOA8015	Water:	1	0
(TPHg)	Soil:	NA	NA
	Waste:	NA	NA
VOA8260	Water:	5	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8015	Water:	1	0
(NWTPH)	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8270	Water:	11	0
	Soil:	NA	NA
	Waste:	NA	NA
SEMIV 8310	Water:	8	0
(PAHs)	Soil:	NA	NA
	Waste:	NA	NA
PEST 8081	Water:	6	0
(Organo-	Soil:	NA	NA
chloride)	Waste:	NA	NA
PCB 8082	Water:	1	0
(PCBs)	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

IX. FIELD DUPLICATE SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A	
Soil:	VOA8015: NA	VOA8260: NA	
Waste:	VOA8015: NA	VOA8260: NA	
Water:	SEMI 8015: A	SEMI 8270: A	SEMI 8310: A
Soil:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Waste:	SEMI 8015: NA	SEMI 8270: NA	SEMI 8310: NA
Water:	PEST8081: A	PCB8082: A	SMWW 5550: A
Soil:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA
Waste:	PEST8081: NA	PCB8082: NA	SMWW 5550: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. None.

X. TRIP BLANK SAMPLE RESULTS

Water:	VOA8015: A	VOA8260: A
Soil:	VOA8015: NA	VOA8260: NA
Waste:	VOA8015: NA	VOA8260: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Trip blanks were contaminated as shown below:
1. None.

XI. EQUIPMENT BLANK SAMPLE RESULTS

Water: NA
Soil: NA
Waste: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:

1. Equipment blanks were not collected. Sampling equipment consisted of dedicated tubing at each sampling point and a peristaltic pump.
2. As reported by the laboratory, a total of 27 of the 32 ground water samples obtained in March 2005 contained reported concentrations of toluene greater than the RL, with reported concentrations ranging from 0.5 to 2.7 µg/L. Historically, reported toluene concentrations in ground water samples from the monitoring wells were generally below the RL. Reported toluene concentrations in trip blank samples collected in March 2005 were also below the RL. The relatively narrow range of reported concentrations, coupled with the lack of spatial correlation and the results of the trip blank samples and historical data suggests that the toluene was introduced to the samples through a pathway independent of the trip blank samples. (For example, introduction of toluene to the sample containers or sample tubing during transport or storage.) Based on the data validation review, these results were qualified as non-detected, at an estimated detection limit, and qualified "uj".

XII. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

INORGANIC DATA

I. SUMMARY OF PROBLEMS/ COMMENTS

Overall, the data quality is good and the data are acceptable for use.

Completeness: The analytical results are with the QAQ-specified ranges for data useability.

II. DATA VERIFICATION REVIEW

SAMPLE COLLECTION AND CHAIN OF CUSTODY, REMARKS:
No exceptions noted.

SAMPLE RECEIPT, INCLUDING CONDITION AND PRESERVATION, FIELD FILTRATION, REMARKS:
No exceptions noted. Metal samples were field filtered.

SAMPLE PREPARATION, SAMPLE CLEANUP METHOD, REMARKS:
No exceptions noted.

SAMPLE ANALYSIS, INCLUDING ANALYTICAL METHOD AND PROJECT SPECIFIC REPORTING LIMITS:

		No. Samples	No. Exceptions	Note:
6000/7000	Water:	6	0	
Metals	Soil:	NA	NA	
	Waste:	NA	NA	

NA – Not analyzed.

REMARKS:
None.

III. SAMPLE HOLDING TIMES (WATER ONLY)

	Number Samples	Number Late
6000/7000 Metals	6	0

REMARKS:
None.

IV. LABORATORY CONTROL SAMPLES

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable – all criteria met.
P - Provisional – some criteria not met; data useable. See remarks.
U - Unacceptable - criteria not met; data unuseable. See remarks
NA – Not analyzed.

REMARKS:
None.

V. METHOD BLANK ANALYSIS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - no contaminants above minimum detection limits; no interference with sample results.
P - Provisional - contaminants present but minimal interference with sample results.
U - Unacceptable - gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Method blanks were contaminated as shown below:
None.

VI. MATRIX SPIKE RESULTS

		No. Compounds	No. Out Criteria	No. <10% Recovery
6000/7000	Water:	6	0	0
Metals	Soil:	NA	NA	NA
	Waste:	NA	NA	NA

NA – Not analyzed.

REMARKS:
None.

VII. MATRIX SPIKE DUPLICATE RESULTS

		No. Compounds	No. Outside Criteria
6000/7000	Water:	6	0
Metals	Soil:	NA	NA
	Waste:	NA	NA

NA – Not analyzed.

REMARKS:
None.

VIII. FIELD DUPLICATE SAMPLE RESULTS

Water: 6000/7000: A
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - the same compounds were identified in the primary and duplicate samples with minor differences in concentration
P - Provisional - the same compounds were identified in the primary and duplicate samples with major differences in concentration. These discrepancies could cause the data to be useful only for limited purposes.
U - Unacceptable - differences were found in compound identifications in the primary and duplicate samples. These discrepancies could cause the results for this fraction to be used for limited purposes or be considered unusable.
NA – Not analyzed.

REMARKS:
1. None.

IX. EQUIPMENT BLANK SAMPLE RESULTS

Water: 6000/7000: NA
Soil: 6000/7000: NA
Waste: 6000/7000: NA

A - Acceptable - No contaminants above minimum detection limits; no interference with sample results.
P - Provisional - Contaminants present but minimal interference with sample results.
U - Unacceptable - Gross contamination, too much interference to use data for certain components or the entire fraction.
NA – Not analyzed.

REMARKS: Equipment blanks were contaminated as shown below:
None.

X. SUMMARY OF QUALIFIED DATA

Data that have been assigned qualifiers as part of this review are listed on the attached Table 2.

TABLE 1
SAMPLES INCLUDED IN THIS QUALITY ASSURANCE REVIEW

Location	Sample ID	Sample Date	Matrix	Type	Lab ID	Receipt Date	ID on COC
MW-7.1	MW7.1-033105	3/31/2005	Ground Water	Normal Environmental Sample	178647-001	4/1/2005	MW7.1-033105
MW-10.1	MW10.1-033105	3/31/2005	Ground Water	Normal Environmental Sample	178647-002	4/1/2005	MW10.1-033105
MW-10.2	MW10.2-033105	3/30/2005	Ground Water	Normal Environmental Sample	178647-003	4/1/2005	MW10.2-033105
MW-10.2	MWDUP3-033105	3/31/2005	Ground Water	Field Duplicate	178647-004	4/1/2005	MWDUP3-033105
MW-4.1	MW4.1-033005	3/30/2005	Ground Water	Normal Environmental Sample	178647-005	4/1/2005	MW4.1-033005
MW-4.2	MW4.2-033005	3/30/2005	Ground Water	Normal Environmental Sample	178647-006	4/1/2005	MW4.2-033005
MW-3.4	MW3.4-032905-TB	3/29/2005	Water Quality Control Matrix	Trip Blank	178647-007	4/1/2005	MW3.4-032905-TB
MW-3.9	MW3.9-032905b	3/29/2005	Ground Water	Normal Environmental Sample	178647-008	4/1/2005	MW3.9-032905
MW-3.8	MW3.8-032905b	3/29/2005	Ground Water	Normal Environmental Sample	178647-009	4/1/2005	MW3.8-032905
MW-3.7	MW3.7-032905b	3/29/2005	Ground Water	Normal Environmental Sample	178647-010	4/1/2005	MW3.7-032905
MW-3.4	MW3.4-032905b	3/29/2005	Ground Water	Normal Environmental Sample	178647-011	4/1/2005	MW3.4-032905
MW-5.8	MW5.8-033005b	3/30/2005	Ground Water	Normal Environmental Sample	178647-012	4/1/2005	MW5.8-033005
MW-5.6	MW5.6-033005b	3/30/2005	Ground Water	Normal Environmental Sample	178647-013	4/1/2005	MW5.6-033005
MW-5.7	MW5.7-033005b	3/30/2005	Ground Water	Normal Environmental Sample	178647-014	4/1/2005	MW5.7-033005
MW-5.9	MW5.9-	3/30/2005	Ground	Normal	178647-	4/1/2005	MW5.9-

Location	Sample ID	Sample Date	Matrix	Type	Lab ID	Receipt Date	ID on COC
	033005b		Water	Environmental Sample	015		033005
MW-4.4	MW4.4-033005b	3/30/2005	Ground Water	Normal Environmental Sample	178647-016	4/1/2005	MW4.4-033005
MW-4.3	MW4.3-033005b	3/30/2005	Ground Water	Normal Environmental Sample	178647-017	4/1/2005	MW4.3-033005

TABLE 2
SUMMARY OF QUALIFIED DATA

sys_sample_code	lab_anl_method_name	analysis_date	analysis_time	chemical_name	qualifier
178647-001	EPA 8260B	4/8/2005	5:36:00 PM	Toluene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Acenaphthene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Acenaphthylene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Anthracene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Benzo(a)anthracene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Benzo(a)pyrene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Benzo(b)fluoranthene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Benzo(g,h,i)perylene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Benzo(k)fluoranthene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Chrysene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Dibenz(a,h)anthracene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Fluoranthene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Fluorene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Indeno(1,2,3-cd)pyrene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Naphthalene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Phenanthrene	uj
178647-001	EPA 8310	4/13/2005	8:00:00 PM	Pyrene	uj
178647-002	EPA 8260B	4/4/2005	6:28:00 PM	Toluene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Acenaphthene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Acenaphthylene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Anthracene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Benzo(a)anthracene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Benzo(a)pyrene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Benzo(b)fluoranthene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Benzo(g,h,i)perylene	uj

Project Name: Georgia-Pacific California Wood Products Manufacturing Facility
Project Number: 16017.01
Sample Deliverable Group: 178647
Report Date Final: 8/12/05

sys_sample_code	lab_anl_method_name	analysis_date	analysis_time	chemical_name	qualifier
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Benzo(k)fluoranthene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Chrysene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Dibenz(a,h)anthracene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Fluoranthene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Fluorene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Indeno(1,2,3-cd)pyrene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Naphthalene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Phenanthrene	uj
178647-002	EPA 8310	4/13/2005	8:36:00 PM	Pyrene	uj
178647-003	EPA 8260B	4/4/2005	7:05:00 PM	Toluene	uj
178647-004	EPA 8260B	4/4/2005	7:42:00 PM	Toluene	uj
178647-005	EPA 8260B	4/5/2005	9:57:00 PM	Toluene	uj
178647-006	EPA 8260B	4/5/2005	10:32:00 PM	Toluene	uj
178647-008	EPA 8260B	4/5/2005	11:42:00 PM	Toluene	uj
178647-009	EPA 8260B	4/6/2005	12:16:00 AM	Toluene	uj
178647-011	EPA 8260B	4/7/2005	5:18:00 PM	Toluene	uj
178647-013	EPA 8260B	4/7/2005	6:32:00 PM	Toluene	uj
178647-015	EPA 8260B	4/7/2005	7:47:00 PM	Toluene	uj
178647-016	EPA 8260B	4/7/2005	8:24:00 PM	Toluene	uj
178647-017	EPA 8260B	4/7/2005	9:02:00 PM	Toluene	uj