Semiannual 2006 Monitoring Report

Former Simpson Eureka Plywood Mill

Eureka, California
Case No. 1NHU103

Prepared for:

Simpson Timber Company

Consulting Engineers & Geologists, Inc.

812 W. Wabash Avenue
Eureka, CA 95501-2138
707/441-8855

June 2006

002266

Reference: 002266

Semiannual 2006 Monitoring Report

Former Simpson Eureka Plywood Mill
Areas 5/6 and 7
Eureka, California
Case No. 1NHU103

Prepared for:

Simpson Timber Company
Seattle, Washington

Prepared by:

Consulting Engineers & Geologists, Inc.
812 W. Wabash Ave.
Eureka, CA 95501-2138
707-441-8855

June 2006

PROFESSIONAL GEOLOGIST
FRANS BARTON LOWMAN
No. 6705
CHG No. 665
Exp. 6/30/07
STATE OF CALIFORNIA

QA/QC:FBL

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CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707-441-8855 • Fax 707-441-8877 • info@shn-eureka.com

Reference: 002266

June 27, 2006

Ms. Kasey Ashley, P.G.
California Regional Water Quality Control Board, North Coast Region
5550 Skylane, Boulevard, Suite A
Santa Rosa, CA 95403

Subject: Semiannual Monitoring Report, Spring 2006-Areas 5/6 and 7, Former Simpson Eureka Plywood Mill, 1200 West Del Norte Street, Eureka, California; Case No. 1NHU103

Dear Ms. Ashley:

Please find the enclosed copy of the first semiannual 2006 monitoring report for Areas 5/6, and 7 at the Former Simpson Eureka Plywood Mill, located in Eureka, California. This report was prepared by SHN Consulting Engineers & Geologists, Inc. on behalf of the Simpson Timber Company. Groundwater monitoring of Area 1 was discontinued following the destruction of monitoring wells during the implementation of the Area 1 remediation plan. This report additionally contains a summary of the site remediation activities conducted in Area 1.

If you have any questions please call me at 707-441-8855.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.

Frans B. Lowman, R.G.
Senior Project Hydrogeologist

FBL/EJN:kas
Enclosure: Semiannual 2006 Monitoring Report
copy w/encl: Rob Ricci, STC
David McEntee, STC
Joeseph Breed, STC
Margaret Rosegay, Pillsbury, Winthrop, Shaw, Pittman, LLP
Frank Bickner, LACO

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Table of Contents

		Page
1.0	Introduction	1
2.0	Additional Site Remediation Area 1	1
3.0	Field Activities	2
3.1	Monitoring Well Sampling	2
3.2	Laboratory Analysis	2
3.3	Equipment Decontamination Procedures	2
3.4	Investigation-Derived Waste Management	3
4.0	Groundwater Monitoring Results	3
4.1	Hydrology	3
3.1	Groundwater Analytical Results	4
4.3	Natural Attenuation Parameters	4
5.0	Discussion and Future Site Activities	5
6.0	References Cited	5

Appendices

A. Area 1 Remediation Documentation
B. Field Notes
B. Historic Monitoring Data
C. Laboratory Analytical Report

List of Illustrations

Figures — **Follows Page**

1. Site Location Map 1
2. Site Plan 1
3. Groundwater Contours in A-Zone, March 2, 2006 3

Tables — **Page**

1. Groundwater Elevations, March 2, 2006 3
2. Laboratory Analytical Results, March 2, 2006 4
3. Temperature, DO, DCO_2, and ORP Measurement Results, March 2, 2006 5

Abbreviations and Acronyms

°F	degrees Fahrenheit
<	denotes a value that is "less than" the method reporting limit
mV	millivolts
ppm	parts per million
mg/L	milligrams per Liter
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and total Xylenes
DCO_2	Dissolved Carbon Dioxide
DO	Dissolved Oxygen
EPA	(U.S.) Environmental Protection Agency
GP-#	Piezometer-#
MSL	Mean Sea Level
MTBE	Methyl Tertiary-Butyl Ether
MW-#	Monitoring Well-#
NA	Not Applicable/Not Available
ORP	Oxidation-Reduction Potential
PCP	Pentachlorophenol
RWQCB	California Regional Water Quality Control Board (North Coast Region)
SHN	SHN Consulting Engineers & Geologists, Inc.
STC	Simpson Timber Company
TCP	Tetrachlorophenol
TPHG	Total Petroleum Hydrocarbons as Gasoline

1.0 Introduction

This report presents the results of the semiannual groundwater monitoring activities for the first half of 2006, conducted at the Former Eureka Plywood Mill (Case No. 1NHU103). The site is located at 1200 West Del Norte Street, in the City of Eureka, California (Figure 1). SHN Consulting Engineers & Geologists, Inc. (SHN) performed this work on behalf of Simpson Timber Company (STC), on March 2, 2006.

This report is presented in six sections. This section provides an introduction to the site. Section 2.0 provides a summary of the site remediation activities conducted in Area 1 during the fourth quarter of 2005 and the first half of 2006. Section 3.0 discusses the work completed at the site during the current monitoring event, including groundwater sampling. Section 4.0 presents the results of the monitoring program. Section 5.0 contains a discussion of results and recommendations for future activities. Section 6.0 presents a list of references cited.

2.0 Additional Site Remediation Area 1

In the letter report--Amended Data Evaluation for Areas 1, 5/6, and 7, STC former Eureka Plywood Mill, Eureka, California, dated August 24, 2005--SHN recommended the following:

- Monitoring wells MW-04A, MW-01B, MW-02B, and MW-03B be properly abandoned,
- A clay barrier well be installed along the west wall of the main building, and
- A significant portion of Area 1 be capped with an impervious surface.

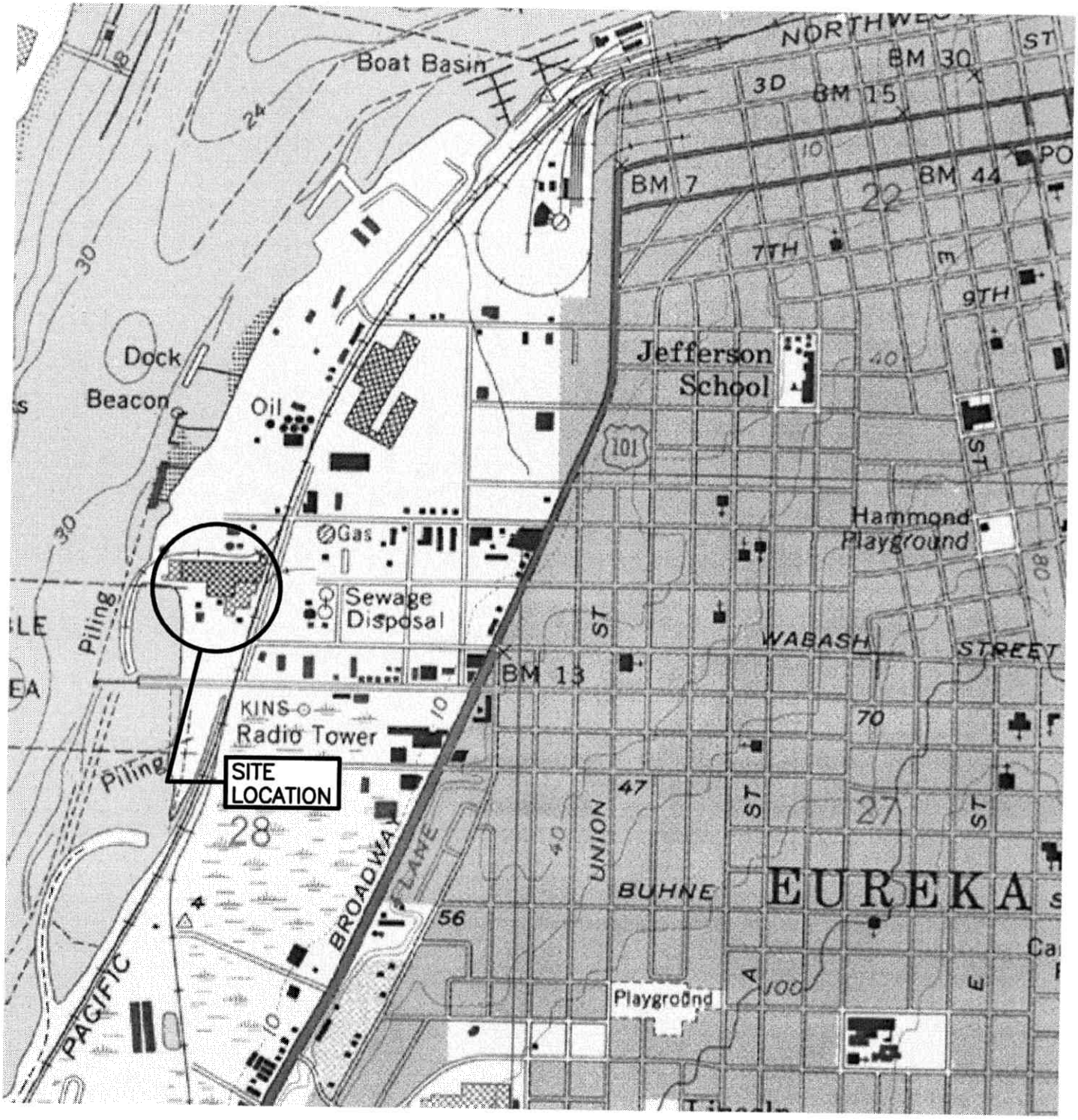
This work was approved by the Regional Water Quality Control Board, North Coast Region (RWQCB), and subsequently implemented by SHN.

On October 7, 2005, SHN supervised the proper abandonment of Area 1 monitoirng wells MW-04A, MW-01B, MW-02B, and MW-03B. Each well was overdrilled using a truck-mounted hollow stem auger drill rig. The soil removed during drilling activities was temporarily stockpiled on site in a 6-mil plastic envelope. The resulting borings were then backfilled with bentonite clay.

Between October 13, 2005, and October 21, 2005, SHN supervised North Coast Environmental Construction in the installation of the clay barrier in Area 1 (Figure 2). As part of the installation process, a trench was excavated to a depth of approximately 5 feet Below Ground Surface (BGS) and subsequently backfilled with a low permeable clay soil. The clay soil was placed in the trench in two-foot lifts and compacted to surface grade. Area 1 was subsequently capped with asphalt. The current site features in Area 1 are shown on Figure 2.

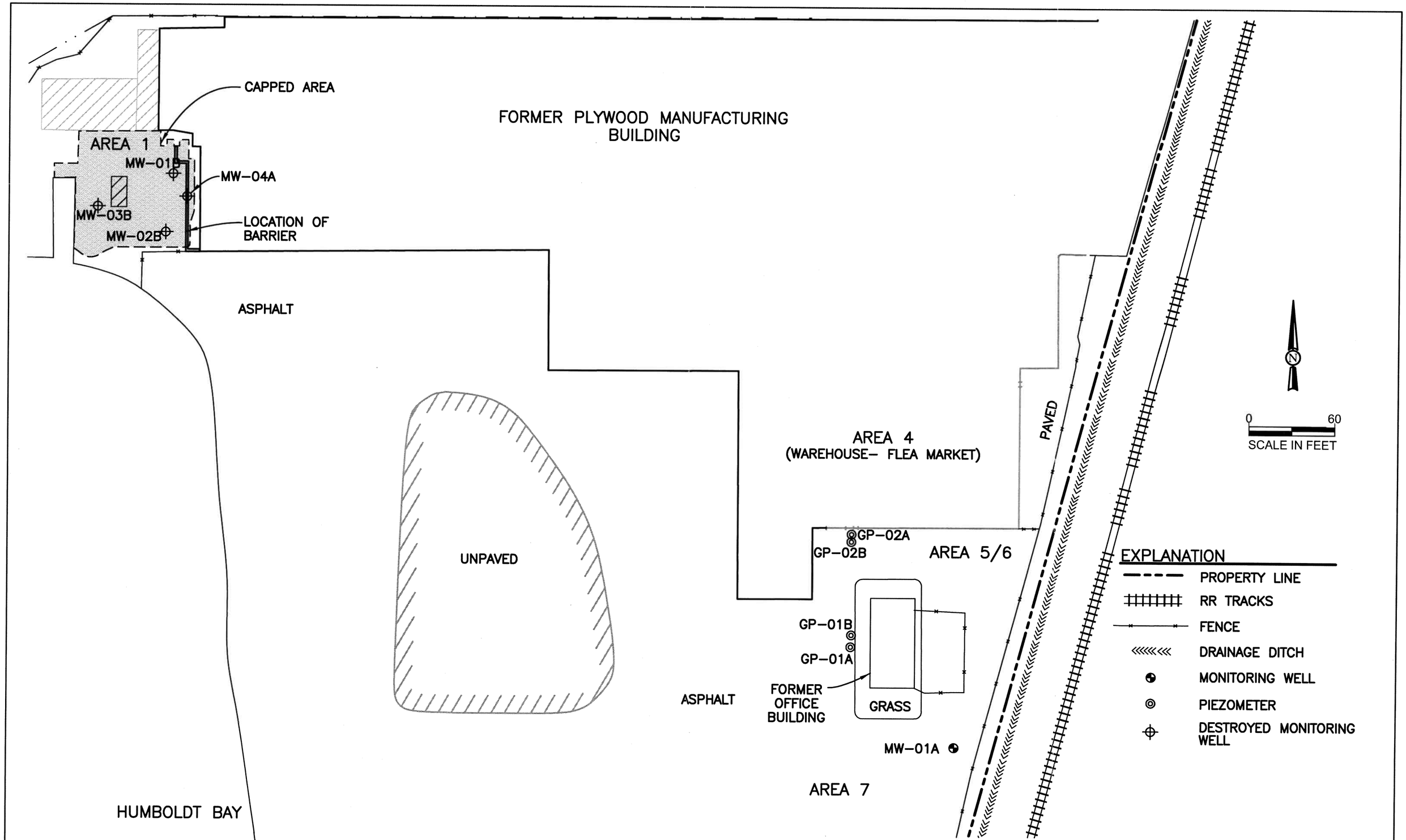
Prior to placing the clay soil in the trench, the material was tested for hydraulic conductivity by Daniel B. Stevens & Associates, Inc. of Albuquerque, New Mexico. The clay soil was measured for initial soil properties (dry bulk density, wet bulk density and porosity) and determined to have a hydraulic conductivity of 1.7×10^{-6} centimeters per sec (cm/sec). A copy of the laboratory material testing report is presented in Appendix A.

The soil excavated from the trench was temporarily stockpiled on site, placed on 6-mil plastic, and covered with 6-mil plastic. The soil stockpile was sampled on October 25, 2005, for profiling



NO SCALE

SHN Consulting Engineers & Geologists, Inc.	(Former) Simpson Timber Company Eureka Plywood Mill Eureka, California	Site Location Map SHN 002266.100
	December, 2003	002266-SITE-03	Figure 1



SHN Consulting Engineers & Geologists, Inc.

(Former) Simpson Timber Company
Eureka Plywood Facility
Eureka, California

Site Plan

SHN 002266

May, 2006 | 002266.100-SI2 | Figure 2

purposes. Appendix A presents a copy of the analytical report for samples collected from the soil stockpile. On April 18 2006, the stockpiled soil was transported to Forward Landfill in Manteca, California for proper disposal. A total of 74.46 tons of soil was excavated and subsequently disposed of. A copy of the waste manifest is presented in Appendix A.

3.0 Field Activities

3.1 Monitoring Well Sampling

SHN conducted groundwater monitoring on March 2, 2006, in accordance with RWQCB Monitoring and Reporting Program No. R1-2004-0007. As part of the monitoring program, depth-to-water measurements were collected in monitoring well MW-1A, and piezometers GP-01A, GP-02A, GP-01B, and GP-02B. The well and piezometer locations are shown on Figure 2. Monitoring well MW-01A and piezometer GP-02A were subsequently purged and sampled.

Electrical conductivity, pH, Dissolved Oxygen (DO), Dissolved Carbon Dioxide (DCO_2), Oxidation-Reduction Potential (ORP), and temperature were monitored periodically during purging activities using portable instrumentation. A groundwater sample was then collected from the wells using a clean, disposable polyethylene bailer, and placed into clean, laboratory-supplied bottles. The water samples were immediately placed in an ice-filled cooler and transported to the laboratory under proper chain-of-custody documentation. Field notes from the March 2, 2006, groundwater-monitoring event are included in Appendix A.

3.2 Laboratory Analysis

Groundwater samples collected during the first semiannual 2006 monitoring event were analyzed in accordance with Monitoring and Reporting Program No. R1-2004-0007.

The groundwater samples collected from piezometer GP-02A were analyzed for Pentachlorophenol (PCP) and Tetrachlorophenol (TCP) in general accordance with the Canadian Pulp Report Method.

The groundwater samples collected from well MW-01A were analyzed for:

- Total Petroleum Hydrocarbons as Gasoline (TPHG), in general accordance with U.S. Environmental Protection Agency (EPA) Method Nos. 5030/8015B.
- Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), and Methyl Tertiary-Butyl Ether (MTBE) in general accordance with EPA Method Nos. 5030/8021B.

North Coast Laboratories, a California-certified analytical laboratory located in Arcata, California, performed all of the sample analyses.

3.3 Equipment Decontamination Procedures

All monitoring and sampling equipment was cleaned prior to being transported to the site. All small items that required on-site cleaning were initially washed in a water solution containing Liquinox® cleaner, followed by a distilled water rinse, then by a second distilled water rinse.

3.4 Investigation-Derived Waste Management

Water used for decontaminating equipment, and all well purge water was contained on site in a 5-gallon bucket. The water was then transported to the SHN purge water storage tank located at 812 West Wabash Avenue in Eureka, California, for temporary storage. Approximately 3 gallons of purge water generated during the March 2, 2006, monitoring event was tested and subsequently discharged, under permit, to the City of Eureka wastewater collection system. A discharge receipt for the March 2006 event is included in Appendix B.

4.0 Groundwater Monitoring Results

4.1 Hydrology

Table 1 presents the depth to groundwater measurements that were collected from the existing monitoring wells on March 2, 2006. There are two distinct water-bearing zones that are being monitored for depth to water at the site. Zone A (shallow zone) is monitored by wells GP-01A and GP-02A (Area 5/6), and groundwater monitoring well MW-01A (Area 7). Zone B (deep zone) is monitored by wells GP-01B and GP-02B (Area 5/6).

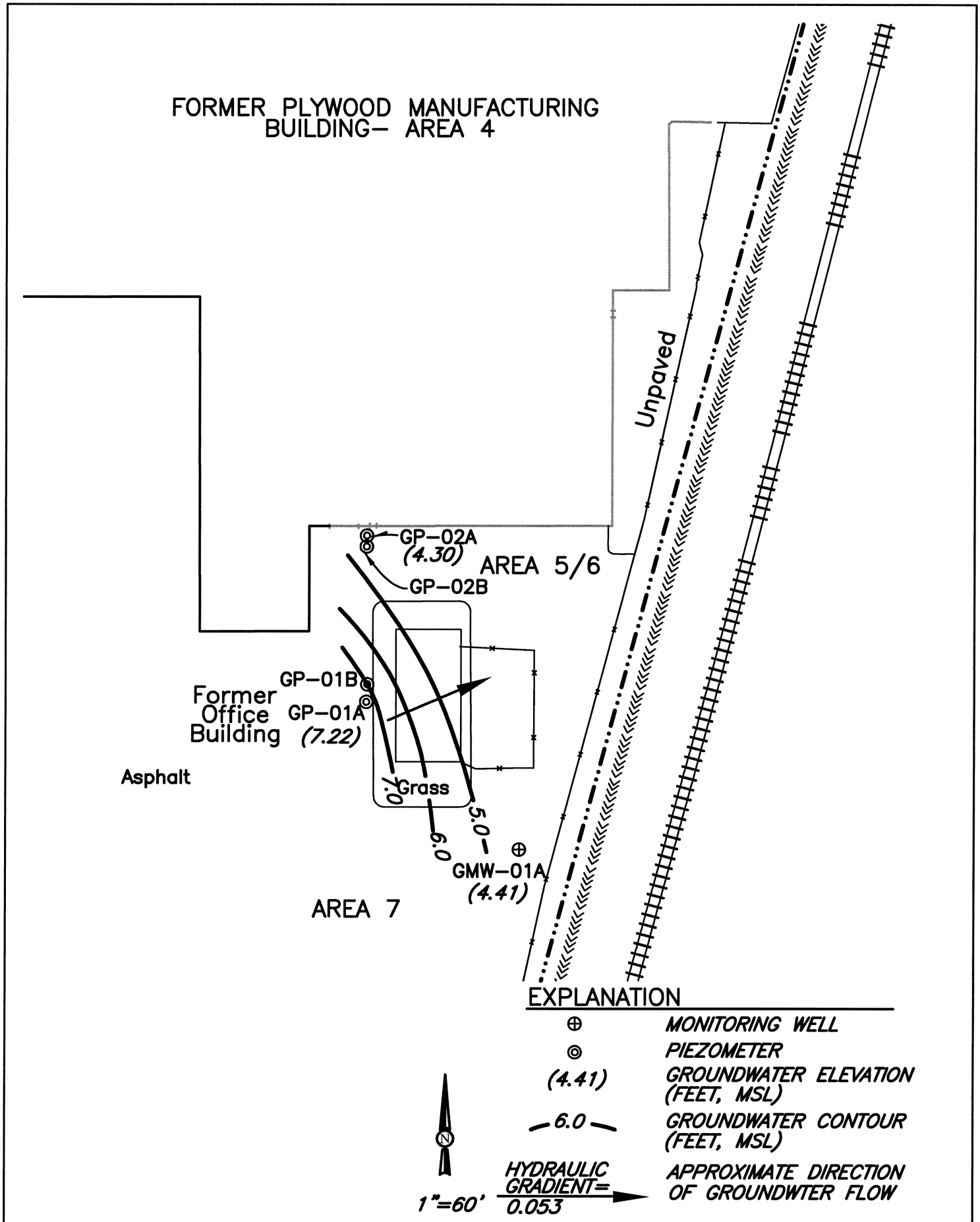
Depth to water in the A-Zone of Areas 5/6 and 7 ranged from the top of casing (0.00) to 2.99 feet below the top of casing. The calculated groundwater elevations ranged from 4.30 to 7.22 feet above Mean Sea Level (MSL). Depth to water in the B-Zone of Areas 5/6 ranged from 5.32 to 5.35 feet below the top of the casing. The calculated groundwater elevations in the B-Zone ranged from 1.90 to 2.01 feet above MSL.

The groundwater elevations for the A-Zone in Areas 5/6 and 7 is provided in Figure 3. During this monitoring event, the hydraulic gradient for Area 5/6 and 7 A-Zone was calculated to be 0.053 with a northeastern flow (away from Humboldt Bay). B-Zone hydraulic gradient could not be calculated due to insufficient data.

Table 1
Groundwater Elevations, March 2, 2006
Former Eureka Plywood, Eureka, California

Sample Location	Top of Casing Elevation (feet MSL)[1]	Depth to Water[2] (feet)	Groundwater Elevation (feet MSL)
Area 5/6 A-Zone			
GP-01A	7.22	0.00	7.22
GP-02A	7.29	2.99	4.30
Area 5/6 B-Zone			
GP-01B	7.33	5.32	2.01
GP-02B	7.25	5.35	1.90
Area 7 A-Zone			
GMW-01A	6.88	2.47	4.41

1. MSL: Mean Sea Level referenced to National Geodetic Vertical Datum, 1929.
2. Below Top of Casing



SHN Consulting Engineers & Geologists, Inc.	(Former) Simpson Timber Company Eureka Plywood Mill Eureka, California	Groundwater Contours in A-Zone March 2, 2006 SHN 002266.100
	May, 2006	002266.100-gwc-a-mar-06	Figure 3

3.1 Groundwater Analytical Results

Table 2 summarizes the laboratory analytical results for the groundwater samples collected on March 2, 2006.

Table 2
Laboratory Analytical Results, March 2, 2006
Former Eureka Plywood Mill, Eureka, California
(in mg/L)[1]

Sample Location	Zone	TPHG[2]	B[3]	T[3]	E[3]	X[3]	MTBE[4]	PCP[5]	TCP[5]
Area 5/6									
GP-02A	A	NA[6]	NA	NA	NA	NA	NA	<0.0003[7]	<0.001
Area 7									
MW-01A	A	**0.33[8]**	**0.0013**	<0.004[9]	<0.0005	**0.00256**	<0.003	NA	NA

1. mg/L: milligrams per Liter.
2. TPHG: Total Petroleum Hydrocarbons as Gasoline, analyzed in general accordance with EPA Method Nos. 5030/GCFID/8015B.
3. Benzene (B), Toluene (T), Ethylbenzene (E), and total Xylenes (X), analyzed in general accordance with EPA Method Nos. 5030/8021B.
4. MTBE: Methyl Tertiary-Butyl Ether, analyzed in general accordance with EPA Method No. 5030/8021.
5. Pentachlorophenol (PCP), and Tetrachlorophenol (TCP), analyzed in general accordance with the Canadian Pulp Method.
6. NA: Not Analyzed.
7. <: Denotes a value that is "less than" the laboratory method detection limit.
8. The value includes the reported gasoline components and additives in addition to other peaks in the gasoline range.
9. reporting limit was raised due to matrix interference..

TPHG, benzene, and total xylenes were detected in the groundwater sample collected from monitoring well GMW-01A, at concentrations of 0.33, 0.0013, and 0.00256 milligrams per Liter (mg/L), respectively.

Historic groundwater monitoring data are presented in Appendix C. The complete laboratory test results, quality control data, and corresponding chain-of-custody documentation are included in Appendix D.

4.3 Natural Attenuation Parameters

Natural attenuation parameters are monitored at the site to provide additional information on site conditions and long-term trends. On March 2, 2006, temperature, DO, DCO_2, and ORP were measured in each of the groundwater monitoring wells prior to sampling (Table 3).

Table 3 Temperature, DO, DCO_2, and ORP Measurement Results, March 2, 2006 Former Eureka Plywood Mill, Eureka, California				
Sample Location	**Temperature (°F)**	**DO[1] (ppm)[2]**	**DCO_2[3] (ppm)**	**ORP[4] (mV)[5]**
Area 5/6 A-Zone				
GP-02A	54.6	3.02	750+[6]	-117
Area 7 A-Zone				
MW-01A	53.5	2.91	700	-133

1. DO: Dissolved oxygen, field measured using portable instrumentation.
2. ppm: Measurement concentration, in parts per million.
3. DCO_2: Dissolved carbon dioxide, field measured using a field test kit.
4. ORP: Oxidation/reduction potential measured using portable instrumentation.
5. mV: millivolts.
6. +: DCO_2 concentrations exceeded test range.

As shown in Table 3, the natural attenuation parameters measured during this groundwater-monitoring event indicated that biodegradation is occurring (decreasing oxygen and ORP, and increasing carbon dioxide) in the A-Zone of Area 7.

5.0 Discussion and Future Site Activities

TPHG and BTEX components were detected in the groundwater samples collected from monitoring well MW-01A (Area 7). The direction of groundwater flow in the A-Zone of Areas 5/6 and 7 was to the northeast, away from Humboldt Bay. PCP and TCP were not detected above laboratory method detection limits in the groundwater sample collected from piezometer well GP-02A

In accordance with RWQCB Monitoring and Reporting Program No. R1-2004-0007, SHN recommended that groundwater monitoring continue for one year. The next site-monitoring event is scheduled for September 2006. Upon completion of the second 2006 semiannual monitoring event, SHN will make recommendations for the site.

6.0 References Cited

California Regional Water Quality Control Board, Central Valley Region. (August 2000). *A Completion of Water Quality Goals*. NR: RWQCB-CV Region.

Geomatrix. (May 2003). *First Quarter 2003, Groundwater Monitoring Report–Areas 1 and 5/6/7, 1200 West Del Norte Street, Eureka, California*. Oakland: Geomatrix.

SHN Consulting Engineers & Geologists, Inc. (November 2003). *Area 5/6 Remedial Action Report of Findings, Former Eureka Plywood Facility, 1200 West Del Norte Street, Eureka, California*. Eureka: SHN.

---. (February 2004). *Area 1 Groundwater Elevation Report of Findings, Former Eureka Plywood Facility, 1200 West Del Norte Street, Eureka, California*. Eureka: SHN.

---. (August 2004). *Additional Site Investigation Work Plan, Former Eureka Plywood Facility, 1200 West Del Norte Street, Eureka, California*. Eureka: SHN.

Appendix A

Area 1 Remediation Documentation

REC'D OCT 2 4 2005

Laboratory Report for SHN Consulting Engineering & Geologists, Inc.

Project # 002266

October 14, 2005

Daniel B. Stephens & Associates, Inc.

6020 Academy NE, Suite 100 • Albuquerque, New Mexico 87109

October 14, 2005

Frans Lowman
SHN Consulting Engineers & Geologists, Inc.
812 W. Wabash
Eureka, CA 95501
(707) 441-8855

Re: DBS&A Laboratory Report for SHN Consulting Engineers & Geologists, Inc. - Eureka Plywood sample (Project # 002266)

Dear Mr. Lowman:

Enclosed is the final report for the SHN Consulting Engineers & Geologists, Inc. - Eureka Plywood sample (Project # 002266). Please review this report and provide any comments as samples will be held for a maximum of 30 days. After 30 days samples will be returned or disposed of in an appropriate manner.

All testing results were evaluated subjectively for consistency and reasonableness, and the results appear to be reasonably representative of the material tested. However, DBS&A does not assume any responsibility for interpretations or analyses based on the data enclosed, nor can we guarantee that these data are fully representative of the undisturbed materials at the field site. We recommend that careful evaluation of these laboratory results be made for your particular application.

The testing utilized to generate the enclosed final report employs methods that are standard for the industry. The results do not constitute a professional opinion by DBS&A, nor can the results affect any professional or expert opinions rendered with respect thereto by DBS&A. You have acknowledged that all the testing undertaken by us, and the final report provided, constitutes mere test results using standardized methods, and cannot be used to disqualify DBS&A from rendering any professional or expert opinion, having waived any claim of conflict of interest by DBS&A.

We are pleased to provide this service to SHN Consulting Engineers & Geologists, Inc. and look forward to future laboratory testing on other projects. If you have any questions about the enclosed data, please do not hesitate to call.

Sincerely,

DANIEL B. STEPHENS & ASSOCIATES, INC.
LABORATORY / TESTING FACILITY

Joleen Hines
Laboratory Supervising Manager

Enclosure

Daniel B. Stephens & Associates, Inc.

6020 Academy NE, Suite 100 505-822-9400

Albuquerque, NM 87109 FAX 505-822-8877

Summaries

Summary of Tests Performed

Laboratory Sample Number	Initial Soil Properties[1] (θ, ρ_d, ϕ)	Saturated Hydraulic Conductivity[2]		Moisture Characteristics[3]					Unsaturated Hydraulic Conductivity	Particle Size[4]			Effective Porosity	Particle Density	Air Permeability	1/3, 15 Bar Points and Water Holding Capacity	Atterberg Limits	Proctor Compaction
		CH	FH	HC	PP	TH	WP	RH		DS	WS	H						
EP-1	X		X															

[1] θ = Initial moisture content, ρ_d = Dry bulk density, ϕ = Calculated porosity
[2] CH = Constant head, FH = falling head
[3] HC = Hanging column, PP = Pressure plate, TH = Thermocouple psychrometer, WP = Water activity meter, RH = Relative humidity box
[4] DS = Dry sieve, WS = Wet sieve, H = Hydrometer

Summary of Initial Moisture Content, Dry Bulk Density Wet Bulk Density and Calculated Porosity

Sample Number	Initial Moisture Content Gravimetric (%, g/g)	Initial Moisture Content Volumetric (%, cm^3/cm^3)	Dry Bulk Density (g/cm^3)	Wet Bulk Density (g/cm^3)	Calculated Porosity (%)
EP-1*	16.3	26.5	1.63	1.89	38.6

* Sample was remolded to 'as firm as possible'

NA = Not analyzed

Summary of Saturated Hydraulic Conductivity Tests

Sample Number	K_{sat} (cm/sec)	Method of Analysis	
		Constant Head	Falling Head
EP-1	1.7E-06		X

Laboratory Data and Graphical Plots

Initial Properties

Summary of Initial Moisture Content, Dry Bulk Density Wet Bulk Density and Calculated Porosity

Sample Number	Initial Moisture Content Gravimetric (%, g/g)	Initial Moisture Content Volumetric (%, cm^3/cm^3)	Dry Bulk Density (g/cm^3)	Wet Bulk Density (g/cm^3)	Calculated Porosity (%)
EP-1*	16.3	26.5	1.63	1.89	38.6

* Sample was remolded to 'as firm as possible'

NA = Not analyzed

Daniel B. Stephens & Associates, Inc.

Data for Initial Moisture Content, Bulk Density, Porosity, and Percent Saturation

Job Name: SHN Consulting Engineering & Geologists, Inc.
Job Number: LB05.0211.00
Sample Number: EP-1
Ring Number: NA
Depth: NA

Test Date: 4-Oct-05

Field weight of sample* (g)*:* 368.70
Tare weight, ring (g)*:* 70.48
Tare weight, cap/plate/epoxy (g)*:* 0.00

Dry weight of sample (g)*:* 256.50
Sample volume (cm^3)*:* 157.54
Assumed particle density: 2.65

Initial Volumetric Moisture Content (% vol)*:* 26.5
Initial Gravimetric Moisture Content (% g/g)*:* 16.3
Dry bulk density (g/cm^3)*:* 1.63
Wet bulk density (g/cm^3)*:* 1.89
Calculated Porosity (% vol)*:* 38.6
Percent Saturation: 68.7

Comments:

* Weight including tares
NA = Not analyzed

Laboratory analysis by: D. O'Dowd
Data entered by: A. Lopez
Checked by: J. Hines

Saturated Hydraulic Conductivity

Summary of Saturated Hydraulic Conductivity Tests

Sample Number	K_{sat} (cm/sec)	Method of Analysis	
		Constant Head	Falling Head
EP-1	1.7E-06		X

Daniel B. Stephens & Associates, Inc.

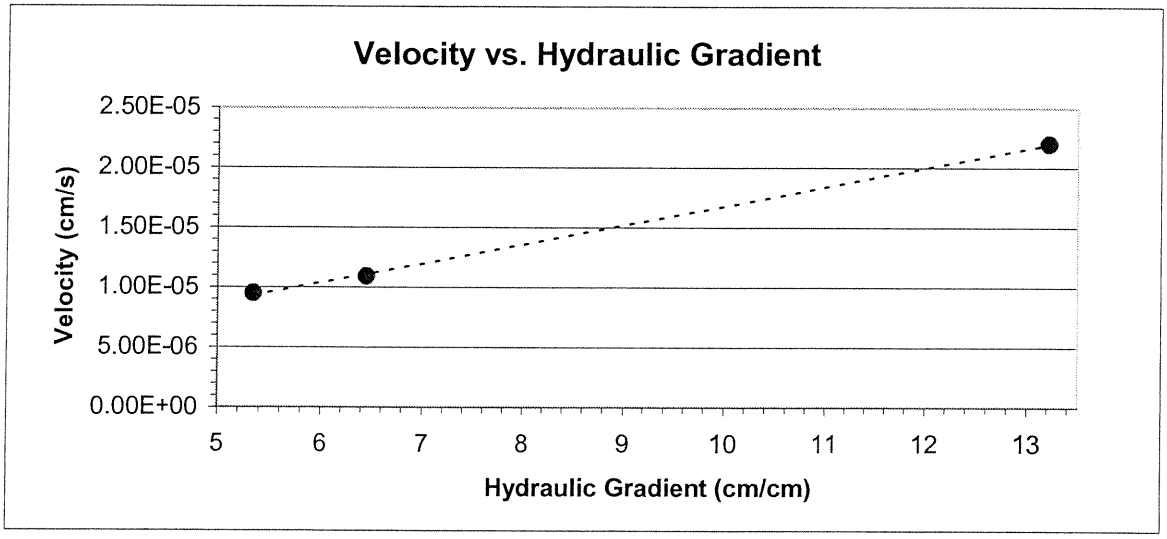
Saturated Hydraulic Conductivity
Falling Head Method

Job name: SHN Consulting Engineering & Sc
Job number: LB05.0211.00
Sample number: EP-1
Ring Number: NA
Depth: NA

Type of water used: TAP
Backpressure (psi): 0.0
Offset (cm): 4.0
Sample length (cm): 5.20
Sample x-sectional area (cm^2): 30.31
Reservoir x-sectional area (cm^2): 0.70

Date	Time	Temp (°C)	Reservoir head (cm)	Corrected head (cm)	Elapsed time (sec)	Ksat (cm/sec)	Ksat @ 20°C (cm/sec)
Test # 1:							
10-Oct-05	14:08:50	21.0	104.8	100.8	67490	1.8E-06	1.8E-06
11-Oct-05	08:53:40	21.0	40.6	36.6			
Test # 2:							
11-Oct-05	08:53:40	21.0	40.6	36.6	12930	1.7E-06	1.7E-06
11-Oct-05	12:29:10	21.0	34.5	30.5			
Test # 3:							
11-Oct-05	12:29:10	21.0	34.5	30.5	13150	1.8E-06	1.7E-06
11-Oct-05	16:08:20	21.0	29.1	25.1			

***Average Ksat* (cm/sec):** **1.7E-06**



Comments:

Laboratory analysis by: M. Carrillo
Data entered by: M. Carrillo
Checked by: J. Hines

Laboratory Tests and Methods

Tests and Methods

Dry Bulk Density:	ASTM D4531; ASTM D6836
Moisture Content:	ASTM D2216; ASTM D6836
Calculated Porosity:	Klute, A. 1986. Porosity. Chp.18-2.1, pp. 444-445, in A. Klute (ed.), Methods of Soil Analysis, American Society of Agronomy, Madison, WI
Saturated K:	
Falling Head:	Klute, A. and C. Dirkson. 1986. Hydraulic Conductivity and Diffusivity: Laboratory Methods.Chp. 28, pp. 200-203, in A. Klute (ed.), Methods of Soil Analysis, American Society of Agronomy, Madison, WI

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • Tel: 707/441-8855 • FAX: 707/441-8877 •E-mail: shninfo@shn-engr.com

LETTER OF TRANSMITTAL

Project: **Eureka Plywood** **Date:** **September 23, 2005** **Job Number:002266**

To: Mr. Jim Kelsey
DBS& Assoc
6020 Academy NE, Suite 100
Albuquerque, NM 87109

Re: **Soil Sample Hydraulic Conductivity Testing**

From: Frans Lowman, R.G.

We are sending you ☐ **enclosed** ☐ **under separate cover via** **the following:**

☐ Prints ☐Contract ☐Reproducible ☐Shop Drawings ☐ Computer File

☐ Report/Specs ☐Correspondence ☐Samples ☐

Copies	Date	No.	Description

if enclosures are not as noted, please notify sender at once

The enclosed are being transmitted

☐ For your use ☐As requested ☐Returned for corrections ☐For review and comment
☐ Approved as noted ☐For approval ☐

Comments

Hi Jim,

Enclosed please find the soil sample we discussed. Please conduct the hydraulic characteristics package on it. Please pack the sample firm when preparing the sample. Please label the sample EP-1. Don't hesitate to contact me with any questions you may have.

Thanks

Frans Lowman

REC'D OCT 1 1 2005

Daniel B. Stephens & Associates, Inc.

SAMPLE RECEIPT FORM

CLIENT: SHN Consulting Engineers & Geologists, Inc.

DATE RECEIVED: 9/26/05

PROJECT #: 002266; Eureka Plywood

DBS&A PROJECT #: _____

1) Are the custody seals on the cooler intact?	NA
2) Are the custody seals on the sample containers intact?	Yes
3) Are there Chain of Custody(COC), or other directive shipping papers?	Yes
4) Is the COC complete?	Yes
5) Is the COC in agreement with the samples received?	Yes
6) Did all the samples arrive intact?	Yes

7) Comments

The sample arrived in a box, in a 1-gal baggie. Per Frans Lowman on 9/27/05, the sample will be tested for saturated hydraulic conductivity, rather than the hydraulic characteristics package indicated on the directive 'Letter of Transmittal'. The sample is being prepared today and testing will begin soon.

If you have any questions or concerns please contact Joleen Hines at 505-889-7752.

NOTE: Samples will be held for a period of 30 days after the completion of testing. After 30 days samples will be disposed of locally unless DBS&A receives other instructions.

Signature: Joleen Hines

5840 OSUNA RD NE, ALBUQUERQUE, NM 87109

(505) 889-7752 FAX (505) 889-0258

Disclaimer:
Interpretations of test results, interim reports of laboratory work, and research and development of special equipment or test procedures will be charged at our regular schedule of professional services fees, which is available upon request. The testing utilized to generate laboratory reports follows methods that are standard for the industry. The results do not constitute a professional or expert opinion by DBS&A, nor can the results affect any professional or expert opinions rendered with respect thereto by DBS&A. All testing undertaken by DBS&A, and any and all reports provided from said testing, constitute mere test results using standardized methods, and cannot be used to disqualify DBS&A from rendering any professional or expert opinion. Because of the nature of the results of our testing, and the limited scope of the Lab's undertaking, you hereby waive any claim of conflict of interest by DBS&A in the event professional or expert opinion is requested of qualified professionals or experts within DBS&A, for or against any party. Other than the express warranty that the testing utilized under this Contract uses standard methods, DBS&A disclaims any and all other warranties of any kind whats

NORTH COAST LABORATORIES LTD.

November 17, 2005

REC'D NOV 1 8 2005

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Frans Lowman

RE: 002266, Former Eureka Plywood

Order No.: 0510585
Invoice No.: 54357
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	SP-1/SP-2/SP-3 COMPOSITE
01B	SP-1/SP-2/SP-3 COMPOSITE

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:** *17-Nov-05*

CLIENT: SHN Consulting Engineers and Geologists
Project: 002266, Former Eureka Plywood
Lab Order: 0510585

CASE NARRATIVE

EPA 8310:
The reporting limit for fluoranthene was raised for sample SP-1/SP-2/SP-3 COMPOSITE due to matrix interference.

The surrogate recovery for sample SP-1/SP-2/SP-3 COMPOSITE was outside of the acceptance limits. The surrogate recoveries for the quality control samples were within acceptance limits. This indicates that the low surrogate recovery may be due to matrix effects from the sample.

The positive results were confirmed by UV-dad spectra. Suggest LC/MS.

TPH as Diesel:
The SP-1/SP-2/SP-3 COMPOSITE sample contains material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil. This sample also contains material in the diesel range of molecular weights and beyond. This suggests the presence of an oil heavier than diesel.

The surrogate for the SP-1/SP-2/SP-3 COMPOSITE sample could not be quantified due to a sample dilution.

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were above the upper acceptance limits for diesel. These recoveries indicate that the sample results may be erroneously high.

Date: 17-Nov-05
WorkOrder: 0510585

ANALYTICAL REPORT

Client Sample ID: SP-1/SP-2/SP-3 COMPOSITE **Received:** 10/26/05 **Collected:** 10/25/05 0:00
Lab ID: 0510585-01A

Test Name: TPH as Diesel **Reference:** EPA 3550/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	820	100	µg/g	100	11/8/05	11/17/05
Surrogate: N-Tricosane	NQ	55.4-126	% Rec	100	11/8/05	11/17/05

Client Sample ID: SP-1/SP-2/SP-3 COMPOSITE **Received:** 10/26/05 **Collected:** 10/25/05 0:00
Lab ID: 0510585-01B

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report Modified

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/g	1.0	11/8/05	11/10/05
Pentachlorophenol	ND	1.0	µg/g	1.0	11/8/05	11/10/05
Surrogate: Dibromophenol	73.1	32.7-125	% Rec	1.0	11/8/05	11/10/05

Test Name: Polynuclear Aromatic Hydrocarbons **Reference:** EPA 8310

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Naphthalene	ND	0.25	µg/g	1.0	10/28/05	11/6/05
Acenaphthylene	ND	0.25	µg/g	1.0	10/28/05	11/6/05
Acenaphthene	ND	0.50	µg/g	1.0	10/28/05	11/6/05
Fluorene	ND	0.050	µg/g	1.0	10/28/05	11/6/05
Phenanthrene	0.021	0.020	µg/g	1.0	10/28/05	11/6/05
Anthracene	ND	0.010	µg/g	1.0	10/28/05	11/6/05
Fluoranthene	ND	0.20	µg/g	1.0	10/28/05	11/6/05
Pyrene	0.056	0.050	µg/g	1.0	10/28/05	11/6/05
Benzo(a)anthracene	ND	0.025	µg/g	1.0	10/28/05	11/6/05
Chrysene	ND	0.025	µg/g	1.0	10/28/05	11/6/05
Benzo(b)fluoranthene	ND	0.010	µg/g	1.0	10/28/05	11/6/05
Benzo(k)fluoranthene	ND	0.010	µg/g	1.0	10/28/05	11/6/05
Benzo(a)pyrene	ND	0.025	µg/g	1.0	10/28/05	11/6/05
Dibenzo(ah)anthracene	ND	0.10	µg/g	1.0	10/28/05	11/6/05
Benzo(ghi)perylene	ND	0.040	µg/g	1.0	10/28/05	11/6/05
Indeno(1 2 3-Cd)pyrene	ND	0.025	µg/g	1.0	10/28/05	11/6/05
Surrogate: Terphenyl	10.2	33.9-122	% Rec	1.0	10/28/05	11/6/05

North Coast Laboratories, Ltd.

Date: 17-Nov-05

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0510585
Project: 002266, Former Eureka Plywood

QC SUMMARY REPORT

Method Blank

Sample ID **MB-14534** Batch ID: **14534** Test Code: **8310S** Units: **µg/g** Analysis Date **11/5/05 12:43:37 AM** Prep Date **10/28/05**
Client ID: Run ID: **ORLC5_051104A** SeqNo: **546049**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.25									
Acenaphthylene	ND	0.25									
Acenaphthene	ND	0.50									
Fluorene	ND	0.050									
Phenanthrene	ND	0.020									
Anthracene	ND	0.010									
Fluoranthene	0.01604	0.025									J
Pyrene	ND	0.050									
Benzo(a)anthracene	ND	0.025									
Chrysene	ND	0.025									
Benzo(b)fluoranthene	ND	0.010									
Benzo(k)fluoranthene	ND	0.010									
Benzo(a)pyrene	ND	0.025									
Dibenzo(ah)anthracene	0.05619	0.10									J
Benzo(ghi)perylene	ND	0.040									
Indeno(1 2 3-Cd)pyrene	ND	0.025									
Terphenyl	0.516	0.10	0.500	0	103%	34	122	0			

Sample ID **MB-14610** Batch ID: **14610** Test Code: **PCPTS** Units: **µg/g** Analysis Date **11/10/05 12:15:12 PM** Prep Date **11/8/05**
Client ID: Run ID: **ORGC4_051110A** SeqNo: **546676**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	0.3181	1.0									J
Dibromophenol	3.90	1.0	5.00	0	77.9%	33	125	0			

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

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0510585
Project: 002266, Former Eureka Plywood

QC SUMMARY REPORT

Method Blank

Sample ID **MB-14604** Batch ID: **14604** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **11/17/05 12:20:54 AM** Prep Date **11/8/05**
Client ID: Run ID: **ORGC7_051114B** SeqNo: **548259**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	ND	1.0									
N-Tricosane	1.05	0.10	1.00	0	105%	55	126	0			

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: 17-Nov-05

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0510585
Project: 002266, Former Eureka Plywood

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-14534** Batch ID: **14534** Test Code: **8310S** Units: **µg/g** Analysis Date **11/5/05 1:51:22 AM** Prep Date **10/28/05**
Client ID: Run ID: **ORLC5_051104A** SeqNo: **546050**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	0.7677	0.25	1.25	0	61.4%	43	123	0			
Acenaphthylene	1.120	0.25	1.25	0	89.6%	34	124	0			
Acenaphthene	1.502	0.50	2.50	0	60.1%	46	132	0			
Fluorene	0.2396	0.050	0.250	0	95.9%	47	130	0			
Phenanthrene	0.09718	0.020	0.100	0	97.2%	60	126	0			
Anthracene	0.04237	0.010	0.0500	0	84.7%	55	135	0			
Fluoranthene	0.1155	0.025	0.125	0	92.4%	64	119	0			
Pyrene	0.2609	0.050	0.250	0	104%	62	121	0			
Benzo(a)anthracene	0.1273	0.025	0.125	0	102%	65	121	0			
Chrysene	0.1251	0.025	0.125	0	100%	62	123	0			
Benzo(b)fluoranthene	0.05389	0.010	0.0500	0	108%	46	136	0			
Benzo(k)fluoranthene	0.05443	0.010	0.0500	0	109%	43	138	0			
Benzo(a)pyrene	0.1246	0.025	0.125	0	99.7%	46	150	0			
Dibenzo(ah)anthracene	0.5386	0.10	0.500	0	108%	33	130	0			
Benzo(ghi)perylene	0.1960	0.040	0.200	0	98.0%	39	130	0			
Indeno(1 2 3-Cd)pyrene	0.1258	0.025	0.125	0	101%	38	133	0			
Terphenyl	0.508	0.10	0.500	0	102%	34	122	0			

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

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0510585
Project: 002266, Former Eureka Plywood

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-14534** Batch ID: **14534** Test Code: **8310S** Units: **µg/g** Analysis Date **11/5/05 2:59:06 AM** Prep Date **10/28/05**
Client ID: Run ID: **ORLC5_051104A** SeqNo: **546051**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	0.9355	0.25	1.25	0	74.8%	43	123	0.768	19.7%	33	
Acenaphthylene	0.9949	0.25	1.25	0	79.6%	34	124	1.12	11.8%	31	
Acenaphthene	1.740	0.50	2.50	0	69.6%	46	132	1.50	14.7%	32	
Fluorene	0.2133	0.050	0.250	0	85.3%	47	130	0.240	11.6%	30	
Phenanthrene	0.09481	0.020	0.100	0	94.8%	60	126	0.0972	2.48%	21	
Anthracene	0.04326	0.010	0.0500	0	86.5%	55	135	0.0424	2.08%	23	
Fluoranthene	0.1195	0.025	0.125	0	95.6%	64	119	0.116	3.36%	35	
Pyrene	0.2680	0.050	0.250	0	107%	62	121	0.261	2.70%	26	
Benzo(a)anthracene	0.1373	0.025	0.125	0	110%	65	121	0.127	7.57%	31	
Chrysene	0.1300	0.025	0.125	0	104%	62	123	0.125	3.83%	37	
Benzo(b)fluoranthene	0.05247	0.010	0.0500	0	105%	46	136	0.0539	2.67%	33	
Benzo(k)fluoranthene	0.05309	0.010	0.0500	0	106%	43	138	0.0544	2.49%	23	
Benzo(a)pyrene	0.1289	0.025	0.125	0	103%	46	150	0.125	3.37%	50	
Dibenzo(ah)anthracene	0.5455	0.10	0.500	0	109%	33	130	0.539	1.28%	35	
Benzo(ghi)perylene	0.2088	0.040	0.200	0	104%	39	130	0.196	6.33%	37	
Indeno(1 2 3-Cd)pyrene	0.1307	0.025	0.125	0	105%	38	133	0.126	3.81%	45	
Terphenyl	0.542	0.10	0.500	0	108%	34	122	0.508	6.37%	21	

Sample ID **LCS-14610** Batch ID: **14610** Test Code: **PCPTS** Units: **µg/g** Analysis Date **11/10/05 12:35:54 PM** Prep Date **11/8/05**
Client ID: Run ID: **ORGC4_051110A** SeqNo: **546677**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	3.909	1.0	5.00	0	78.2%	33	122	0			
Pentachlorophenol	3.972	1.0	5.00	0	79.4%	41	136	0			
Dibromophenol	3.63	1.0	5.00	0	72.6%	33	125	0			

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

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0510585
Project: 002266, Former Eureka Plywood

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID **LCSD-14610** Batch ID: **14610** Test Code: **PCPTS** Units: **µg/g** Analysis Date **11/10/05 12:56:43 PM** Prep Date **11/8/05**
Client ID: Run ID: **ORGC4_051110A** SeqNo: **546678**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.006	1.0	5.00	0	80.1%	33	122	3.91	2.45%	15	
Pentachlorophenol	4.058	1.0	5.00	0	81.2%	41	136	3.97	2.14%	15	
Dibromophenol	3.74	1.0	5.00	0	74.9%	33	125	3.63	3.10%	15	

Sample ID **LCS-14604** Batch ID: **14604** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **11/14/05 6:48:39 PM** Prep Date **11/8/05**
Client ID: Run ID: **ORGC7_051114B** SeqNo: **548244**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	16.49	1.0	10.0	0	165%	73	137	0			S
N-Tricosane	1.18	0.10	1.00	0	118%	55	126	0			

Sample ID **LCSD-14604** Batch ID: **14604** Test Code: **TPHDIS** Units: **µg/g** Analysis Date **11/14/05 7:08:54 PM** Prep Date **11/8/05**
Client ID: Run ID: **ORGC7_051114B** SeqNo: **548245**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	16.22	1.0	10.0	0	162%	73	137	16.5	1.71%	15	S
N-Tricosane	1.18	0.10	1.00	0	118%	55	126	1.18	0.156%	15	

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.
5680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

LABORATORY NUMBER: 0510585

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 West Wabash Avenue
Eureka, CA 95501
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): Dustin Sillet

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION

Project Number: 002266
Project Name: Former Eureka Plywood
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	PRESERVATIVE	CONTAINER	ANALYSIS: PAHs, PCP/TCP	ANALYSIS: TPHD
	SP-1	10/25/05	1435	S		11	X	X
	SP-2	↓	1410	↓		13	X	X
	SP-3	↓	1445	↓			X	X

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

Composite samples in one

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dustin Sillet	10/25/05	Jennifer Martin	10/26/05 1420

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

FORWARD INCORPORATED

NON-HAZARDOUS WASTE MANIFEST

WASTE TREATMENT AND DISPOSAL FACILITY

JOB ACCEPTANCE NO. - 6061

TO BE COMPLETED BY THE GENERATOR

GENERATOR: SIMPSON TIMBER COMPANY

MAILING ADDRESS: PO BOX 1089

CITY, STATE, ZIP: ARCATA, CA. 95521

PHONE: 707-269-3042

CONTACT PERSON: JIM CROOK - ROB RICCI

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] Owen WEC

DATE: 4/18/06

REQUIRED PERSONAL PROTECTIVE EQUIPMENT

- [x] GLOVES
- [ ] GOGGLES
- [ ] RESPIRATOR
- [ ] HARD HAT
- [ ] TY-VEK
- [ ] OTHER

SPECIAL HANDLING PROCEDURES: NONE

WASTE TYPE

- [ ] TREATMENT SOIL
- [x] DISPOSAL SOIL
- [ ] CONSTRUCTION SOIL
- [ ] SLUDGE
- [ ] NON-FRIABLE ASBESTOS
- [ ] WOOD
- [ ] ASH
- [ ] OTHER

GENERATING FACILITY: SIMPSON TIMBER COMPANY RAILROAD AVE. EUREKA CA. 95501

RECEIVING FACILITY

FORWARD INC. LANDFILL
9999 SOUTH AUSTIN ROAD
MANTECA, CALIFORNIA 95336
(209) 982-4298 PHONE
(209) 982-1009 FAX

TRANSPORTER HAULER MUST COMPLETE

NAME: MANLEY TRUCKING

ADDRESS: PO BOX 292547

CITY, STATE, ZIP: SACRAMENTO, CA. 95829

PHONE: 916-381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]

DATE: 4/18/06

NOTES: 6T66002 4H0118341

TRUCK NUMBER: 42

END DUMP	BOTTOM DUMP	TRANSFER
[ ]	[ ]	[x]

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
[ ]	[ ]	[ ]	[ ]

FACILITY REQUIREMENTS

FORWARD INC. LANDFILL

Forward shall have no obligation to accept the waste if weather or other conditions impair the safe and effective disposal of the waste or if the waste impairs the safe and effective operation of the Landfill. Forward shall use reasonable efforts to promptly notify Disposer of its inability to accept the waste for any reason. If Forward's refusal to accept the waste is based on weather or other site conditions, Forward shall notify the Disposer when site conditions are expected to change such that Forward will be able to accept the waste.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]

DATE: 04/18

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY FORWARD)

	DISPOSE	BIO	AERATE	STOCKPILE	OTHER
[ ] SOIL					
[ ] SLUDGE					
[ ] NON-FRIABLE ASBESTOS					
[ ] WOOD					
[ ] ASH					
[ ] OTHER					

SCHEDULING MUST BE MADE PRIOR TO 4:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE. TO SCHEDULE CALL (209) 982-4298

MANIFEST # 097879

CA# 009430

8896 ELDER CREEK RD. • SACRAMENTO, CA 95828

FREIGHT BILL NO. 31154

DATE: 4/18/06	MATERIAL: DIRT	TYPE OF LOADING: BELT ☐ BUNKER ☐ HOT PLANT ☐ FRONT LOADER ☑ OTHER ☐	
DESTINATION: WHERE MAT'L DELIVERED	FORWARD LANDFILL	MANTELA	
POINT OF ORIGIN: WHERE MAT'L WAS LOADED	RAILROAD AVE	EUREKA	
CONSIGNOR: WHO OWNED MAT'L	SIMPSON TIMBER	CONSIGNOR ADDRESS	
CONSIGNEE: WHO RECEIVED MAT'L	FORWARD	CONSIGNEE ADDRESS	
DEBTOR: CONTRACTOR	NORTH COAST ENV	DEBTOR ADDRESS	

FICIAL USE

TIME CARD HOURS	
IN	6:30
OUT	6:00
IN	11 1/2
OUT	0
TOTAL	11 1/2

LOCATION DRIVER REPORTED: AND TIME:

MILEAGE: 271528

WHEN ZONE RATES APPLY: PROD. AREA: DEL ZONE:

YARDAGE CAP'Y IF APPLICABLE: CY

	TAG NUMBER	WEIGHT	LOADING TIMES ARRIVE	LOADING TIMES DEPART	LEAVE SCALES	UNLOADING TIMES ARRIVE	UNLOADING TIMES DEPART	REMARKS
1	231233	19.02	7:00	9:30		4:15	4:30	097879
2								
3								
4								
5								Hand to Fwd
6								
7								
8								
9								
10								FUEL - 123 GAL
11								
12								
13								
14								
15								
16								
17								

APR 19 2006

TERMS: PAYMENT DUE BY 20TH OF FOLLOWING MONTH (Section 7108.6 of the California Business & Professions Code). A service charge of 1.5% per month (18% per annum) will be charged on past due accounts. Debtor (Contractor) agrees to pay reasonable attorney fees and court costs in case of suit to collect.

BID HOURS

DISPATCH TIME:

① START TIME: 6:30

② ELAPSED RUNNING TIME (LOADED TRAVEL TIME) OF LAST LOAD IN MINUTES

③ LINE ② ADDED TO LAST UNLOAD TIME IS END TIME: 6:00

④ FROM LINE ① TO LAST LOAD OR WEIGH TIME PLUS DOUBLE LINE ② PLUS LINE ⑥ OR ELAPSED TIME FROM LINE ② TO LINE ③ IS TOTAL TIME: 11 1/2

⑤ TIME THAT DEBTOR SHOULD NOT HAVE TO PAY FOR (SHOW DOWN TIME, LUNCH, ETC. IN REMARKS SECTION) DEDUCTIONS: 0

⑥ ELAPSED UNLOADING TIME OF LAST LOAD IN MINUTES

LINE ④ LESS LINE ⑤ IS NET TIME: 11 1/2

DRIVER'S SIGNATURE X: J Moody

UNDERLYING CARRIER: Mantey

ADDRESS: SAC

SUBHAULER'S MCP CA#

NO. OF AXLES 5

LICENSE NUMBERS	TRUCK NO.	CHECK IF UNDER 56' BETWEEN 1ST AND LAST AXLES
TRUCK 6T66002	H2	
SEMI		
PULL 4BM8341	T2	

RATE AND CHARGES	TONS OR HRS.	RATE	AMOUNT
CON-SIGNEE SIGNATURE			

FORWARD INCORPORATED

9999 South Au[illegible] Road
Manteca, CA 9[illegible]5
Landfill: (209) 98[illegible]8 Fax (209) 982-1009
Resource R[illegible]covery: (209) 982-4298

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

DATE [illegible]

TRUCK LIC.# _____

CUSTOMER NO. 11001 TRUCK NO. 12 TRAILER LIC. # _____

BILL TO: North East Equip.

231233

SIZE YDS.	DESCRIPTION	NOTES		
	☐ REFUSE ☐ TREATED WOOD		47740	GROSS
	☐ SLUDGE ☐ ASH		19700	TARE
	☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		28040	NET
	☐ II SOIL ☐ SOIL			
	☐ STOCKPILE		14.02	TONS
	Dirt			

IN _____ A.M./P.M.

OUT _____ A.M./P.M.

Signed _____

FORWARD INCORPORATED

NON-HAZARDOUS WASTE MANIFEST
WASTE TREATMENT AND DISPOSAL FACILITY

JOB ACCEPTANCE NO. – 6061

TO BE COMPLETED BY THE GENERATOR

GENERATOR: SIMPSON TIMBER COMPANY
MAILING ADDRESS: PO BOX 1089
CITY, STATE, ZIP: ARCATA, CA. 95521
PHONE: 707-269-3042
CONTACT PERSON: JIM CROOK - ROB RICCI
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] MEC
DATE: 4/18/06

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:
- [x] GLOVES
- [ ] GOGGLES
- [ ] RESPIRATOR
- [ ] HARD HAT
- [ ] TY-VEK
- [ ] OTHER

SPECIAL HANDLING PROCEDURES: NONE

WASTE TYPE:
- [ ] TREATMENT SOIL
- [x] DISPOSAL SOIL
- [ ] CONSTRUCTION SOIL
- [ ] SLUDGE
- [ ] NON-FRIABLE ASBESTOS
- [ ] WOOD
- [ ] ASH
- [ ] OTHER

GENERATING FACILITY: SIMPSON TIMBER COMPANY
RAILROAD AVE.
EUREKA CA. 95501

RECEIVING FACILITY:
FORWARD INC. LANDFILL
9999 SOUTH AUSTIN ROAD
MANTECA, CALIFORNIA 95336
(209) 982-4298 PHONE
(209) 982-1009 FAX

TRANSPORTER HAULER MUST COMPLETE

NAME: MANLEY TRUCKING
ADDRESS: PO BOX 292547
CITY, STATE, ZIP: SACRAMENTO, CA. 95829
PHONE: 916-381-6864
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]
DATE: 4-18-06

NOTES:

TRUCK NUMBER: 4-48

END DUMP	BOTTOM DUMP	TRANSFER
[ ]	[ ]	[x]

ROLL-OFF(S)	FLAT-BED	VAN	DRUMS
[ ]	[ ]	[ ]	[ ]

FACILITY REQUIREMENTS

FORWARD INC. LANDFILL

Forward shall have no obligation to accept the waste if weather or other conditions impair the safe and effective disposal of the waste or if the waste impairs the safe and effective operation of the Landfill. Forward shall use reasonable efforts to promptly notify Disposer of its inability to accept the waste for any reason. If Forward's refusal to accept the waste is based on weather or other site conditions, Forward shall notify the Disposer when site conditions are expected to change such that Forward will be able to accept the waste.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE: 4/18

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY FORWARD)

	DISPOSE	BIO	AERATE	STOCKPILE	OTHER
[ ] SOIL					
[ ] SLUDGE					
[ ] NON-FRIABLE ASBESTOS					
[ ] WOOD					
[ ] ASH					
[ ] OTHER					

SCHEDULING MUST BE MADE PRIOR TO 4:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE. TO SCHEDULE CALL (209) 982-4298

MANIFEST # 097878

CA# 0094[redacted]

8896 ELDER CREEK RD. • SACRAMENTO, CA 95828

FREIGHT BILL NO. 33535

DATE: 6-18-06	MATERIAL: Soil	TYPE OF LOADING: BELT☐ BUNKER☐ HOT PLANT☐ FRONT LOADER☐ OTHER☐	
DESTINATION: WHERE MAT'L DELIVERED	Forward Landscape Manteca CA		
POINT OF ORIGIN: WHERE MAT'L WAS LOADED	Washinghton Eureca CA		
CONSIGNOR: WHO OWNED MAT'L		CONSIGNOR ADDRESS	
CONSIGNEE: WHO RECEIVED MAT'L	Forward Landfil	CONSIGNEE ADDRESS	
DEBTOR: CONTRACTOR	North Coast Environ	DEBTOR ADDRESS	

FICIAL USE

TIME CARD HOURS

IN 6:30

OUT 6:

IN

OUT 6:00

TOTAL 11.5

LOCATION DRIVER REPORTED: AND TIME:

MILEAGE: 298225

WHEN ZONE RATES APPLY: PROD. AREA: DEL ZONE:

YARDAGE CAP'Y IF APPLICABLE: CY

	TAG NUMBER	WEIGHT	LOADING TIMES ARRIVE	LOADING TIMES DEPART	LEAVE SCALES	UNLOADING TIMES ARRIVE	UNLOADING TIMES DEPART	REMARKS
1	231235	20.61	7:00	9:30		4:15	4:30	man # 097878
2								
3								Trans to
4								Forward
5								
6								
7								Fuel
8								
9								
10								
11								
12								
13								
14					APR	19 2006		
15								
16								
17								

TERMS: PAYMENT DUE BY 20TH OF FOLLOWING MONTH (Section 7108.6 of the California Business & Professions Code). A service charge of 1.5% per month (18% per annum) will be charged on past due accounts. Debtor (Contractor) agrees to pay reasonable attorney fees and court costs in case of suit to collect.

BID HOURS

DISPATCH TIME:

① START TIME: 6:30

② ELAPSED RUNNING TIME (LOADED TRAVEL TIME) OF LAST LOAD IN MINUTES

③ LINE ② ADDED TO LAST UNLOAD TIME IS END TIME: 6:00

④ FROM LINE ① TO LAST LOAD OR WEIGH TIME PLUS DOUBLE LINE ② PLUS LINE ⑥ OR ELAPSED TIME FROM LINE ② TO LINE ③ IS TOTAL TIME: 0

⑤ TIME THAT DEBTOR SHOULD NOT HAVE TO PAY FOR (SHOW DOWN TIME, LUNCH, ETC. IN REMARKS SECTION) DEDUCTIONS: 11.5

⑥ ELAPSED UNLOADING TIME OF LAST LOAD IN MINUTES

LINE ④ LESS LINE ⑤ IS NET TIME: 11.5

DRIVER'S SIGNATURE X Vitaliy Kochuber

UNDERLYING CARRIER Manley

ADDRESS Sac-to CA

SUBHAULER'S MCP CA#

NO. OF AXLES

LICENSE NUMBERS		TRUCK NO.	CHECK IF UNDER 56' BETWEEN 1ST AND LAST AXLES
TRUCK	H-48	H-48	
SEMI		03461	
PULL	T-48		

RATE AND CHARGES	TONS OR HRS.	RATE	AMOUNT

CON-SIGNEE SIGNATURE

FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: (209) 982-4293 Fax (209) 982-1009
Resource Recovery: (209) 982-4298

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 466-4482
Fax: (209) 465-0631

DATE _____

TRUCK LIC.# _____

CUSTOMER NO. _____ TRUCK NO. _____ TRAILER LIC. # _____

BILL TO: _____

231235

SIZE YDS.	DESCRIPTION	NOTES		
	☐ REFUSE ☐ TREATED WOOD		[illegible]	GROSS
	☐ SLUDGE ☐ ASH		[illegible]	TARE
	☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		[illegible]	NET
	☐ II SOIL ☐ SOIL			
	☐ STOCKPILE		[illegible]	TONS

IN _____ A.M./P.M.

OUT _____ A.M./P.M.

Signed _____

FORWARD INCORPORATED

NON-HAZARDOUS WASTE MANIFEST
WASTE TREATMENT AND DISPOSAL FACILITY

JOB ACCEPTANCE NO. -6061

TO BE COMPLETED BY THE GENERATOR

GENERATOR: Simpson Timber Company

MAILING ADDRESS: P.O. Box 1089

CITY, STATE, ZIP: ARCATA, CA. 95521

PHONE: 707-269-3042

CONTACT PERSON: Jim Crook - Rob Ricci

SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] owner WEC

DATE: 4/18/06

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:
- [x] GLOVES
- [ ] GOGGLES
- [ ] RESPIRATOR
- [ ] HARD HAT
- [ ] TY-VEK
- [ ] OTHER

SPECIAL HANDLING PROCEDURES: NONE

WASTE TYPE:
- [ ] TREATMENT SOIL
- [x] DISPOSAL SOIL
- [ ] CONSTRUCTION SOIL
- [ ] SLUDGE
- [ ] NON-FRIABLE ASBESTOS
- [ ] WOOD
- [ ] ASH
- [ ] OTHER

GENERATING FACILITY: Simpson Timber Company, Railroad Ave., Eureka CA 95501

RECEIVING FACILITY:
FORWARD INC. LANDFILL
9999 SOUTH AUSTIN ROAD
MANTECA, CALIFORNIA 95336
(209) 982-4298 PHONE
(209) 982-1009 FAX

TRANSPORTER HAULER MUST COMPLETE

NAME: MANLEY TRUCKING

ADDRESS: P.O. BOX 292547

CITY, STATE, ZIP: SACRAMENTO, CA, 95829

PHONE: 916-381-6864

SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * T.W. Conwood

DATE: 4-18-06

NOTES: 7736917

TRUCK NUMBER: M-10

- END DUMP [ ]
- BOTTOM DUMP [ ]
- TRANSFER [x]
- ROLL-OFF(S) [ ]
- FLAT-BED [ ]
- VAN [ ]
- DRUMS [ ]

FACILITY REQUIREMENTS

FORWARD INC. LANDFILL

Forward shall have no obligation to accept the waste if weather or other conditions impair the safe and effective disposal of the waste or if the waste impairs the safe and effective operation of the Landfill. Forward shall use reasonable efforts to promptly notify Disposer of its inability to accept the waste for any reason. If Forward's refusal to accept the waste is based on weather or other site conditions, Forward shall notify the Disposer when site conditions are expected to change such that Forward will be able to accept the waste.

REMARKS

FACILITY TICKET NUMBER

SIGNATURE OF AUTHORIZED AGENT: *

DATE: 4/19/06

CUBIC YARDS

DISPOSAL METHOD: (TO BE COMPLETED BY FORWARD)

	DISPOSE	BIO	AERATE	STOCKPILE	OTHER
[ ] SOIL					
[ ] SLUDGE					
[ ] NON-FRIABLE ASBESTOS					
[ ] WOOD					
[ ] ASH					
[ ] OTHER					

SCHEDULING MUST BE MADE PRIOR TO 4:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE. TO SCHEDULE CALL (209) 982-4298

MANIFEST # 097876

BILL OF LADING
CA #230503

TIM A. MANLEY TRUCKING, INC.

P.O. Box 292547 • Sacramento, CA 95829

Office: 916-381-6864
FAX: 916-381-1573
Tim's Mobile: 916-996-9864

FREIGHT BILL NO. 011778

Job: 6061

Semi-End ☐ Transfer ☑
Semi-Bottom ☐ Double Bottom ☐
10 Wheel ☐

DATE: 4-19-06 MATERIAL: Soil TYPE OF LOADING: BELT ☐ HOT PLANT ☐ OTHER BUNKER ☐ FRONT LOADER ☐

DESTINATION: WHERE MAT'L DELIVERED: Forward / Manteca

POINT OF ORIGIN: WHERE MAT'L WAS LOADED: Eureka Calif

CONSIGNOR: WHO OWNED MAT'L: Simpson Timber — CONSIGNOR ADDRESS

CONSIGNEE: WHO RECIEVED MAT'L: Forward Landfill — CONSIGNEE ADDRESS

DEBTOR: CONTRACTOR: Simpson — DEBTOR ADDRESS

TIME CARD HOURS

IN 5:00	IN
OUT 8:30	OUT

TOTAL HOURS: 3.50

PLEASE CIRCLE: (Day Job) Night Job

LOCATION DRIVER REPORTED: Val AND TIME: 5:00 MILEAGE:

WHEN ZONE RATES APPLY: PROD AREA: DEL ZONE:

YARDAGE CAP'Y IF APPLICABLE: CY

TAG NUMBER	WEIGHT	LOADING TIMES ARRIVE	LOADING TIMES DEPART	LEAVE SCALES	UNLOADING TIMES ARRIVE	UNLOADING TIMES DEPART	REMARKS
1 231236	17.72				6:30	700	Sacto Yard To Forward
2					8:30	←	
3							
4							
5							
6							
7							Trans to Forward
8							
9							
10							
11							
12							
13							
14							
15							
16							

All sales final - material normally not returnable portal transporting will be charge and only value of material will be credited. Every effort will be made to dump or spread material where customer wants it, trucker assumes no responsibility for dumping or spreading on or damages of county roads or city streets. Driver to be judge if desired site unaccessible - If customer still demands delivery there - then customer is responsible for towing charges - damages to truck and equipment and all down time while being repaired. No credit unless arranged for in advance. I agree to Court Cost, Attorney Fees and all Costs that arise from any proceedings for the collection of amount due to the above carrier for the work done for the above shippers, will be paid by the above shipper. Payment for these charge due not later than the 15th of the following month. A service charge of 2% per month (24% per annum) will be charged on past due accounts. Debtor (Contractor) agrees to pay reasonable attorney fees and court costs in case of suit to collect.

DISPATCH TIME:

Ⓐ START TIME: 5:00

Ⓑ ELAPSED RUNNING TIME (LOADED TRAVEL TIME) OF LAST LOAD IN MINUTES: .90

Ⓒ LINE Ⓑ ADDED TO LAST UNLOAD TIME IS END TIME: 8:30

Ⓓ FROM LINE Ⓐ TO LAST LOAD OR WEIGH TIME PLUS DOUBLE LINE Ⓑ PLUS LINE Ⓕ OR ELAPSED TIME FROM LINE Ⓑ TO LINE Ⓒ IS TOTAL TIME: 3.50

Ⓔ TIME THAT DEBTOR SHOULD NOT HAVE TO PAY FOR (SHOW DOWN TIME, LUNCH, ETC. IN REMARKS SECTION) DEDUCTIONS: 0

Ⓕ ELAPSED UNLOADING TIME OF LAST LOAD IN MINUTES

LINE Ⓓ LESS LINE Ⓔ IS NET TIME: 3.50

DRIVER'S SIGNATURE X T. W. Edwards

UNDERLYING CARRIER

ADDRESS

SUBHAULER'S MCP CA #

NO. OF AXLES: 5

LICENSE NUMBERS	TRUCK NO.	CHECK IF UNDER 54' BETWEEN 1ST AND LAST AXLES
TRUCK	M-10	
SEMI	T-10	
PULL		

RATE AND CHARGES	TONS OR HRS.	RATE	AMOUNT
CON-SIGNEE SIGNATURE			

DRIVER INSTRUCTIONS
1. THE OVERLYING CARRIER MUST KNOW WHOM TO PAY FOR THIS HAULING. TO AVOID DELAY IN PAYMENT, MAKE SURE THAT THE OVERLYING CARRIER NAMED AT TOP OF FREIGHT BILL KNOWS NAME AND ADDRESS OF THE UNDERLYING CARRIER.
2. TURN IN WEIGHT TAGS IF AVAILABLE.
3. P.U.C. REGULATION REQUIRE THAT ITS CA NUMBER BE PLAINLY MARKED ON EVERY DUMP TRUCK.
4. TRUCKERS: TAGS ARE DUE IN OUR OFFICE WITHIN 3 DAYS AFTER JOB DATE IF TAGS FOR THE LAST WEEK OF THE MONTH ARE NOT RECEIVED WITHIN 3 DAYS, YOU WILL NOT BE PAID UNTIL THE FOLLOWING MONTH.

NOTICE:
OUR DRIVERS WILL MAKE EVERY EFFORT TO PLACE MATERIAL WHERE CUSTOMER DESIGNATES, BUT COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGE INSIDE OF CURBS OR PROPERTY

MAKE SURE THAT THE CA - NUMBER WHICH THIS TRUCK IS OPERATING APPEARS BOTH ON THE TRUCK AND THIS FREIGHT BILL

TAGS NOT RECEIVED BY THE 3rd OF THE MONTH WILL NOT BE PAID UNTIL THE FOLLOWING PAY PERIOD.

WHITE - OFFICE • GREEN - OFFICE • YELLOW - OFFICE • PINK - DRIVER • GOLDENROD - JOB

FORWARD INCORPORATED

9999 South Austin Road
Manteca, CA 95336
Landfill: (209) 982-4298 Fax (209) 982-1009
Resource Recovery: (209) 982-4298

P.O. Box 6336
Stockton, CA 95206
Main Office: (209) 4[illegible]-4182
Fax: (2[illegible]9) 465-0631

DATE April [illegible]

TRUCK LIC.# _____

CUSTOMER NO. 6061 TRUCK NO. MID TRAILER LIC. # _____

BILL TO: North Coast

231236

SIZE YDS.	DESCRIPTION	NOTES		
	☐ REFUSE ☐ TREATED WOOD		65720	GROSS
	☐ SLUDGE ☐ ASH		30280	TARE
	☐ ASBESTOS ☐ NON-FRIABLE ASBESTOS		35440	NET
18	☐ II SOIL ☐ SOIL			
	☐ STOCKPILE		17.72	TONS

IN 1027 A.M./P.M.

Signed Bud

OUT _____ A.M./P.M.

FORWARD INCORPORATED

NON-HAZARDOUS WASTE MANIFEST
WASTE TREATMENT AND DISPOSAL FACILITY

JOB ACCEPTANCE NO. 6061

TO BE COMPLETED BY THE GENERATOR

GENERATOR: SIMPSON TIMBER COMPANY
MAILING ADDRESS: PO BOX 1089
CITY, STATE, ZIP: ARCATA, CA. 95521
PHONE: 707-269-3042
CONTACT PERSON: JIM CROOK - ROB RICCI
SIGNATURE OF AUTHORIZED AGENT / TITLE: * [signature] OWNER WEC
DATE: 4/18/06

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:
☒ GLOVES ☐ GOGGLES ☐ RESPIRATOR ☐ HARD HAT
☐ TY-VEK ☐ OTHER

SPECIAL HANDLING PROCEDURES: NONE

WASTE TYPE:
☐ TREATMENT SOIL
☒ DISPOSAL SOIL
☐ CONSTRUCTION SOIL
☐ SLUDGE
☐ NON-FRIABLE ASBESTOS
☐ WOOD
☐ ASH
☐ OTHER

GENERATING FACILITY: SIMPSON TIMBER COMPANY
RAILROAD AVE.
EUREKA, CA. 95501

RECEIVING FACILITY:
FORWARD INC. LANDFILL
9999 SOUTH AUSTIN ROAD
MANTECA, CALIFORNIA 95336
(209) 982-4298 PHONE
(209) 982-1009 FAX

TRANSPORTER HAULER MUST COMPLETE

NAME: MANLEY TRUCKING
ADDRESS: PO BOX 292547
CITY, STATE, ZIP: SACRAMENTO, CA. 95829
PHONE: 916-381-6861
SIGNATURE OF AUTHORIZED AGENT OR DRIVER: * [signature]
DATE: 4/18/06

NOTES: SU-77180 CA.
TRUCK NUMBER: S-3

END DUMP ☐ BOTTOM DUMP ☐ TRANSFER ☒
ROLL-OFF(S) ☐ FLAT-BED ☐ VAN ☐ DRUMS ☐

FACILITY REQUIREMENTS

FORWARD INC. LANDFILL

Forward shall have no obligation to accept the waste if weather or other conditions impair the safe and effective disposal of the waste or if the waste impairs the safe and effective operation of the Landfill. Forward shall use reasonable efforts to promptly notify Disposer of its inability to accept the waste for any reason. If Forward's refusal to accept the waste is based on weather or other site conditions, Forward shall notify the Disposer when site conditions are expected to change such that Forward will be able to accept the waste.

REMARKS:
FACILITY TICKET NUMBER:
SIGNATURE OF AUTHORIZED AGENT: * [signature]
DATE: 4/18/06

CUBIC YARDS:

DISPOSAL METHOD (TO BE COMPLETED BY FORWARD)

	DISPOSE	BIO	AERATE	STOCKPILE	OTHER
☐ SOIL					
☐ SLUDGE					
☐ NON-FRIABLE ASBESTOS					
☐ WOOD					
☐ ASH					
☐ OTHER					

SCHEDULING MUST BE MADE PRIOR TO 4:00 P.M. THE DAY PRIOR TO EXPECTED ARRIVAL • ANY UNSCHEDULED LOADS ARE SUBJECT TO REFUSAL UPON ARRIVAL. ONGOING DAILY DELIVERIES MUST BE SCHEDULED WITH THE LANDFILL THE DAY BEFORE. TO SCHEDULE CALL (209) 982-4298

MANIFEST # 097877

FORWARD INC. COPY

01 919994

PMORENO PATRICIA MORENO

18 April 2006 0:00 am

18 April 2006 0:00 am

MANLEY

232708 EUREKA

Inbound - SCALE TICKET

006061
NORTHCOAST ENVIRONMENTAL
JIM CROOK
5695 HUMBOLT HILL ROAD
EUREKA, CA 95503

Contract: 204Y516945

00 Gross Weight	64,600.00	lb	
Tare Weight	30,380.00	lb	
Net Weight	34,220.00	lb	17.11 TN

17.11	TN	29 [EI]	SOIL
1.00	LD	0 [EI]	ENVIRONMENTAL FEE
1.00	LD	11 [EI]	FUEL RECOVERY FEE

GRID

MANIFEST # 097877

Appendix B

Field Notes

CONSULTING ENGINEERS & GEOLOGISTS, INC.
480 Hemsted Drive • Redding, CA 96002• Tel: 530.221.5424 • FAX: 530.221.0135 •E-mail: shninfo@shn-redding.com
812 W. Wabash • Eureka, CA 95501 • Tel: 707.441.8855 • FAX: 707.441.8877 •E-mail: shninfo@shn-engr.com

DAILY FIELD REPORT

JOB NO	002266
Page of	
DAILY FIELD REPORT SEQUENCE NO	
PROJECT NAME	Simpson Former Eureka Plywood
CLIENT/OWNER	Simpson Resource Company
GENERAL LOCATION OF WORK	Eureka CA
OWNER/CLIENT REPRESENTATIVE	Rob Ricci
DATE	3/2/06
DAY OF WEEK	Thur.
TYPE OF WORK	Sampling
WEATHER	Wind/Rain
PROJECT ENGINEER/ SUPERVISOR	Frans Lowman
SOURCE & DESCRIPTION OF FILL MATERIAL	
KEY PERSONS CONTACTED	
TECHNICIAN	Dustin Tibbets

DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING

1020 On site. Open up well's. Taking water levels and DO readings.
1139 Purging MW-01A with a disposable bailer. All purge water was caught in 5 gal. buckets.
1205 Sampled MW-01A with it's bailer. Locked up well. MW-01A
1214 Purging ~~MW~~ GP-02A with a disposable bailer. All purge water was caught in 5 gal. buckets.
1235 Sampled GP-02A with it's bailer. Locked up well. GP-02A
1238 Clean and loaded up.
1245 Off site.

Note: All purge and decon water was transported to SHN's P.W.S.T. located at 812 W. Wabash Ave. Eureka CA. 3 gal. total.

	Purge	Sampled
GP-01A	NO	NO
GP-02A	Yes	Yes
GP-01B	NO	NO
GP-02B	NO	NO
MW-01A	Yes	Yes

COPY GIVEN TO:

REPORTED BY: Dustin Tibbets

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-engr.com

EQUIPMENT CALIBRATION SHEET

Name: Dustin Tibbets

Project Name: Eureka Plywood

Reference No.: 002266

Date: 3/2/06

Equipment: ☒ pH & EC ☐ PID ☐ $GTCO_2$ ☐ GTLEL
☐ Turbidity ☒ Other Dissolved Oxygen meter

Description of Calibration Procedure and Results:

pH & EC meter calibrated using a 2 buffer method with a pH 7.00 and 4.01, meter was set exactly to 7.00 and 4.01 and conductivity was set at 700 umhos.

DO meter is self calibrating with the Altimeter set at 0

CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 •shninfo@shn-engr.com

Groundwater Elevations

Job No.: 002266
Name: Dustin Tibbets
Client: SIMPSON RESOURCE COMPANY
Date: 3/2/06
Location: FOOT OF DEL NORTE STREET EUREKA, CA
Weather: Wind / Rain

Sample Location	Time of Reading	Top of Casing Elevation (feet)	Depth To Water (feet)	Water Surface Elevation (feet)
MW-1B		8.15		
MW-2B		8.11		
MW-3B		7.32	DEST	
MW-4A		8.21		
GP-01A	1044	7.22	0	7.22
GP-02A	1053	7.29	2.99	4.30
GP-01B	1100	7.33	5.32	2.01
GP-02B	1056	7.25	5.35	1.90
MW-01A	1047	6.88	2.47	4.41

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 •shninfo@shn-engr.com

Water Sampling Data Sheet

Project Name: Simpson - Former Eureka Plywood
Date/Time: 3/2/06
Project No.: 002266
Sampler Name: Dustin Tibbetts
Location: Eureka, CA
Sample Type: Ground water
Well #: MW-01A
Weather: Wind/Rain
Hydrocarbon Thickness/Depth (feet):
Key Needed: yes Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
4.95	-	2.47	=	2.48	x	0.163	=	.40X3=1.2

Time	4.13 DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1127	2.91						0 gal	
1146		700	-133				.25 gal	
1148				~~3999~~ + OR	53.3°	6.46	.50 gal	
1151	No Flow				53.8°	6.55	.75 gal.	empty
1158	than cell				53.5°	6.57	1 gal.	empty
	Sample Time							

Purge Method: Hand Bail
Total Volume Removed: 1 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-01A	3 - 40ml VOA's	YES HCL	NCL	TPHG/BTEX/~~MTBE~~
			NCL	

Well Condition:

Remarks: EC is over range of meter.
Recharged to 4.40 at sampling time, 1205

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Water Sampling Data Sheet

Project Name:	Eureka Plywood	Date/Time:	3/2/06
Project No.:	002266	Sampler Name:	Dustin Tibbets
Location:	Eureka CA,	Sample Type:	water
Well #:	GP-02A	Weather	Wind/Rain
Hydrocarbon Thickness/Depth (feet):		Key Needed:	Dolphin

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / ~~0.653 gal/ft (4-inch well)~~	=	1 Casing Volume (gal)
5.20	-	2.99	=	2.21	x		=	.36 x 3 = 1.08

Time	4.8 DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1134	3.02						0 gal.	
1220		750 +	-117				.25 gal.	
1222				2040	55.3	6.40	.5 gal	
1225	No flow			2095	54.9	6.47	.75 gal.	empty
1231	thru cell			2098	54.6	6.47	1 gal.	empty

Purge Method: Bailer

Total Volume Removed: 1 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
GP-02A	1		NCL	PCP, TCP

Well Condition:

Remarks:

Recharge to 4.83 at sample time. - 1235

Appendix C

Historic Monitoring Data

Table B-1
Area 1 Historic Analytical Result, Petroleum Hydrocarbons, Dissolved Metals, and Formaldehyde
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	SampleDate	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHD[3]	TPHMO[3]	Dissolved Lead[4]	Dissolved Zinc[4]	Formaldehyde[5]
A-Zone										
MW-04A	5/31/00	**0.0021**	**0.0056**	**0.0016**	**0.0047**	**1.2**	**0.4**	<0.02[6]	0.027	<0.05
	8/31/00	<0.001	<0.001	<0.001	**0.0022**	**2**	**4.2**	NA[7]	NA	NA
	11/15/00	**0.0018**	**0.0065**	**0.0014**	**0.0041**	**0.99**	**0.063**	NA	NA	NA
	3/7/01	NA	NA	NA	NA	**0.36**	**0.37**	NA	NA	NA
	5/31/01	NA	NA	NA	NA	**0.51**	<0.25	NA	NA	NA
	8/21/01	Not enough water for sampling								
	3/14/02	NA	NA	NA	NA	**2.3**	**2**	NA	NA	NA
	2/13/03	NA	NA	NA	NA	**0.9**	**2**	NA	NA	NA
	10/9/03	Not enough water for sampling								
	3/4/04	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/7/04	Not enough water for sampling								
	2/9/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/4/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005								
B-Zone										
MW-01B	5/31/00	<0.005	<0.005	<0.005	<0.005	**0.13**	<0.050	<0.02	**0.13**	<0.05
	8/31/00	NA	NA	NA	NA	**0.15**	<0.25	NA	NA	NA
	11/15/00	NA	NA	NA	NA	**0.18**	<0.25	NA	NA	NA
	11/15/00-D[8]	NA	NA	NA	NA	**0.22**	<0.25	NA	NA	NA
	3/7/01	NA	NA	NA	NA	**0.1**	<0.25	NA	NA	NA
	3/7/01-D	NA	NA	NA	NA	**0.19**	<0.25	NA	NA	NA
	5/31/01	NA	NA	NA	NA	**0.19**	<0.25	NA	NA	NA
	5/31/01-D	NA	NA	NA	NA	**0.2**	**0.28**	NA	NA	NA
	8/21/01	NA	NA	NA	NA	**0.29**	<0.25	NA	NA	NA

Table B-1
Area 1 Historic Analytical Result, Petroleum Hydrocarbons, Dissolved Metals, and Formaldehyde
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	SampleDate	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHD[3]	TPHMO[3]	Dissolved Lead[4]	Dissolved Zinc[4]	Formaldehyde[5]
MW-01B (Cont'd)	3/14/02	NA	NA	NA	NA	**0.1**	<0.25	NA	NA	NA
	2/13/03	NA	NA	NA	NA	**0.2**	<0.25	NA	NA	NA
	10/9/03	NA	NA	NA	NA	**0.33**	<0.17	NA	NA	NA
	3/4/04	NA	NA	NA	NA	**0.21**	NA	NA	NA	NA
	9/7/04	NA	NA	NA	NA	**0.41**	NA	NA	NA	NA
	2/9/05	NA	NA	NA	NA	**0.11**	NA	NA	NA	NA
	8/4/05	NA	NA	NA	NA	**0.16**	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005								
MW-02B	5/31/00	<0.005	<0.005	<0.005	<0.005	**0.12**	**0.13**	NA	NA	NA
	8/31/00	NA	NA	NA	NA	**0.066**	**0.26**	NA	NA	NA
	8/31/00-D	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	11/15/00	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	3/7/01	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	5/31/01	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	8/21/01	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	8/21/01-D	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	3/14/02	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	3/14/02-D	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	2/13/03	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	10/9/03	NA	NA	NA	NA	<0.050	<0.17	NA	NA	NA
	3/4/04	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/7/04	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/9/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/4/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005								

Table B-1
Area 1 Historic Analytical Result, Petroleum Hydrocarbons, Dissolved Metals, and Formaldehyde
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	SampleDate	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHD[3]	TPHMO[3]	Dissolved Lead[4]	Dissolved Zinc[4]	Formaldehyde[5]
MW-03B	5/31/00	<0.005	<0.005	<0.005	<0.005	<0.050	<0.050	<0.02	**0.097**	<0.05
	8/31/00	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	11/15/00	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	3/7/01	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	5/31/01	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	8/21/01	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	3/14/02	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	2/13/03	NA	NA	NA	NA	<0.050	<0.25	NA	NA	NA
	10/9/03	NA	NA	NA	NA	<0.050	<0.17	NA	NA	NA
	3/4/04	NA	NA	NA	NA	<0.050	NA	NA	NA	NA
	9/7/04	NA	NA	NA	NA	<0.050	NA	NA	NA	NA
	2/9/05	NA	NA	NA	NA	<0.050	NA	NA	NA	NA
	8/4/05	NA	NA	NA	NA	<0.050	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005								

1. mg/L: milligrams per Liter
2. Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8260B.
3. Total Petroleum Hydrocarbons as Diesel (TPHD), and Motor Oil (TPHMO), analyzed in general accordance with EPA Method 805M. Prior to analyzing for TPHD and TPHMO, the sample extract was passed through a silica gel column (EPA Method No. 3630).
4. Dissolved Lead and Zinc, analyzed in general accordance with EPA Method No. 6010. The samples filtered through a 0.45-micron filter in the field.
5. Formaldehyde, analyzed in general accordance with Nantioal Institute for Occupational Safety and Health (NIOSH) Method No. 3500.
6. <: Denotes a value that is "less than" the method detection limit.
7. NA: Not Analyzed.
8. D: Duplicate sample.

Table B-2
Area 1 Historical Analytical Results, PCP and Polynuclear Aromatic Hydrocarbons
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Locaton	Date Collected	PCP[2]	TCP[2]	Detected Polynuclear Aromatics[3]									
				Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene
A-zone													
MW-04A	5/31/00	0.036	NA[4]	0.018	<0.0001[5]	0.021	0.011	0.0069	0.0039	0.0021	0.0026	<0.0001	<0.0001
	8/31/00	0.038	NA	0.0003	<0.0001	0.0082	0.0042	0.0005	0.0008	0.0022	0.0023	0.0002	0.0001
	11/15/00	0.017	NA	0.13	0.0011	0.013	0.0078	0.004	0.0024	0.0026	0.0026	<0.001	<0.001
	3/7/01	0.011	0.003	<0.0001	0.0003	0.0082	<0.0001	<0.0001	<0.0001	0.0002	0.0004	<0.0001	<0.0001
	5/31/01	0.0093	0.0007	<0.0001	0.0012	0.0019	0.0008	<0.0001	<0.0001	0.0009	0.0012	<0.0001	<0.0001
	8/21/01	Not enough water for sampling											
	3/14/02	0.016	0.027	0.25	0.0014	0.026	0.015	0.008	0.0021	0.0008	0.0006	<0.0001	<0.0001
	2/13/03	<0.006	<0.02	0.18	<0.002	0.013	0.009	0.003	<0.002	<0.002	0.002	<0.0001	<0.0001
	10/9/03	Not enough water for sampling											
	3/4/04	0.0015	<0.001	0.047	<0.025	<0.025	0.0038	0.0019	0.0004	0.025	0.0005	NA	NA
	9/7/04	Not enough water for sampling											
	2/9/05	0.0014	<0.001	0.041	<0.0025	<0.005	0.0016	0.00063	<0.0002	<0.00025	<0.0005	<0.00025	<0.00025
	8/4/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005											
B-zone													
MW-01B	5/31/00	<0.0003	NA	0.0001	<0.0001	0.0061	0.0005	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/31/00	0.0009	NA	0.0028	0.0002	0.018	0.001	0.0005	0.0002	0.0001	0.0001	<0.0001	<0.0001
	11/15/00	<0.0003	NA	0.0041	0.0003	0.022	0.0014	0.0006	0.0002	0.0002	0.0002	<0.0001	<0.0001
	11/15/00-D[6]	<0.0003	NA	0.0038	0.0003	0.019	0.0013	0.0004	0.0002	0.0001	0.0001	<0.0001	<0.0001
	3/7/01	0.001	<0.001	0.0008	0.0004	0.021	0.0008	0.0001	0.0001	0.0002	0.0002	<0.0001	<0.0001
	3/7/01-D	0.0005	<0.001	0.001	0.0003	0.022	0.0013	0.0003	0.0001	0.0002	0.0001	<0.0001	<0.0001
	5/31/01	0.0007	<0.001	0.0007	0.000.3	0.020	0.0008	0.0006	0.0002	0.0002	0.0001	<0.0001	<0.0001
	5/31/01-D	0.0005	<0.001	0.0007	0.0003	0.019	0.0008	0.0005	0.0002	0.0002	0.0001	<0.0001	<0.0001
	8/21/01	0.0011	<0.001	0.0002	0.0004	0.025	0.0017	0.0015	0.0003	0.0002	0.0001	<0.0001	<0.0001
	3/14/02	<0.0003	<0.001	<0.0001	0.0003	0.019	0.0006	0.0008	0.0002	0.0002	0.0001	<0.0001	<0.0001
	2/13/03	0.0007	<0.001	0.0002	0.0004	0.022	0.0001	0.001	0.0002	0.0002	0.0002	<0.0001	<0.0001
	10/9/03	<0.0003	<0.001	<0.00025	<0.02	0.020	<0.0005	0.00087	0.00015	<0.00025	<0.0005	<0.00025	<0.00025
	3/4/04	<0.0003	<.001	<0.025	<0.025	<0.025	<0.0025	0.0012	0.00025	0.00035	0.0005	<0.00025	<0.00025
	9/7/04	<0.0003	<0.001	<0.0025	<0.03	0.027	<0.0005	0.0017	<0.0003	<0.00025	<0.0005	<0.00025	<0.00025
	2/9/05	<0.0003	6	<0.0025	<0.015	0.017	<0.0005	0.0012	<0.0002	<0.00025	<0.0005	<0.00025	<0.00025
	8/4/05	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005											
MW-02B	5/31/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/31/00	<0.0003	NA	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/31/00-D	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	11/15/00	<0.0003	NA	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	3/7/01	<0.0003	<0.001	<0.0001	<0.0001	0.0002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	5/31/01	0.0004	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/21/01	<0.0003	<0.001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/21/01-D	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	3/14/02	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	3/14/02-D	<0.0003	<0.001	<0.0001	<0.0001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	2/13/03	<0.0003	<0.001	<0.0001	<0.0001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

Table B-2
Area 1 Historical Analytical Results, PCP and Polynuclear Aromatic Hydrocarbons
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Locaton	Date Collected	PCP[2]	TCP[2]	Detected Polynuclear Aromatics[3]									
				Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene
MW-02B (Cont'd)	2/13/03-D	<0.0003	<0.001	<0.0001	<0.0001	<0.00001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	10/9/03	<0.0003	<0.001	<0.0025	<0.025	<0.005	<0.0005	<0.0002	<0.0001	<0.00025	<0.0005	<0.00025	<0.00025
	3/4/04	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9/7/04	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2/9/05	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/4/05	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005											
MW-03B	5/31/00	<0.0003	NA	<0.0001	<0.0001	**0.002**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/31/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	11/15/00	<0.0003	NA	<0.0001	<0.0001	**0.0021**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	3/7/01	<0.0003	<0.001	<0.0001	<0.0001	**0.0023**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	5/31/01	<0.0003	<0.001	<0.0001	<0.0001	**0.0019**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	8/21/01	<0.0003	<0.001	<0.0001	<0.0001	**0.0027**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	3/14/02	<0.0003	<0.001	<0.0001	<0.001	**0.0020**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	2/13/03	**0.0004**	<0.001	<0.0001	<0.0001	**0.0056**	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	10/9/03	<0.0003	<0.001	<0.0025	<0.025	<0.005	<0.0005	<0.0002	<0.0001	<0.00025	<0.0005	<0.00025	<0.00025
	3/4/04	<0.0003	<0.001	<0.025	<0.025	<0.025	<0.0025	<0.0002	<0.0001	<0.25	<0.50	<0.00025	<0.00025
	9/7/04	<0.0003	<0.001	<0.0025	<0.0025	<0.005	<0.0005	<0.0002	<0.0001	<0.00025	<0.0005	<0.00025	<0.00025
	2/9/05	<0.0003	<0.001	<0.0025	<0.0025	<0.005	<0.0005	<0.0002	<0.0001	<0.00025	<0.0005	<0.00025	<0.00025
	8/4/05	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/10/05	Well Destroyed October 7, 2005											

1. mg/L: milligrams per Liter
2. Pentachlorophenol (PCP) and Tetrachlorophenol (TCP), analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8270, Selected Ion Monitoring (SIM), or Canadian Pulp Report Method.
3. Polynuclear Aromatic Hydrocarbons (PNAs), analyzed in general accordance with EPA Method Nos. 8270 or 8310. NO other PNAs were detected.
4. NA: Not Analyzed
5. <: Denotes a value that is "less than" the laboratory method detection limit.
6. D: Duplicate

Table B-3
Areas 5/6 and 7 Historical Analytical Results, Petroleum Hydrocarbons and Dissolved Zinc
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	Date Collected	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHG[3]	TPHMS[3]	TPHD[3]	Dissolved Zinc[3]
AREA 5/6 *A-Zone*									
GP-01A	3/1/99	<0.0005[4]	<0.0005	<0.0005	<0.0005	NA[5]	NA	NA	NA
	8/4/99	<0.0005	**0.0007**	<0.0005	<0.0005	NA	NA	NA	NA
	11/20/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA	NA	NA
	2/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA	NA	NA
	5/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	<0.006
	3/8/01	NA	NA	NA	NA	NA	<0.05	<0.05	NA
	8/21/01	Not enough water for sampling							
	3/14/02	NA	NA	NA	NA	NA	<0.05	<0.05	NA
	2/13/03	NA	NA	NA	NA	NA	NA	<0.05	NA
	10/9/03	Not enough water for sampling							
GP-02A	3/1/99	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.05	<0.05	NA
	8/4/99	<0.0005	<0.0005	**0.0007**	<0.0005	NA	NA	NA	NA
	11/20/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA	NA	NA
	2/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	NA	NA	NA
	5/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	**0.256**
	3/8/01	NA	NA	NA	NA	NA	<0.05	<0.05	NA
	8/21/01	Not enough water for sampling							
	3/14/02	NA	NA	NA	NA	NA	<0.05	<0.05	NA
	2/13/03	NA	NA	NA	NA	NA	NA	<0.05	NA
	10/9/03	NA	NA	NA	NA	NA	NA	<0.05	NA
	3/4/04	NA	NA	NA	NA	NA	NA	NA	NA

Table B-3
Areas 5/6 and 7 Historical Analytical Results, Petroleum Hydrocarbons and Dissolved Zinc
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	Date Collected	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHG[3]	TPHMS[3]	TPHD[3]	Dissolved Zinc[3]
GP-03A	8/5/99	<0.0005	<0.0005	**0.0007**	**0.0006**	NA	<0.05	<0.05	**0.0145**
	11/20/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	**0.061**	**0.440**	**0.021**
	2/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	**0.085**	**0.012**
	2/24/00-D[6]	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	**0.039**
	5/25/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	**0.011**	**0.411**	**0.0361**
	11/15/00	NA	NA	NA	NA	NA	<0.05	**0.230**	<0.01
	3/8/01	NA	NA	NA	NA	NA	<0.05	**0.072**	NA
	8/21/01	NA	NA	NA	NA	NA	<0.05	**0.2**	NA
	3/14/01	NA	NA	NA	NA	NA	<0.05	<0.05	NA
	2/13/03	NA	NA	NA	NA	NA	NA	**0.072**	NA
	7/29/03	Well Destroyed							
B-Zone									
GP-01B	2/25/99	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.05	<0.05	NA
	8/4/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	**0.0107**
	1/20/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	**0.036**
	2/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	**0.016**
	5/23/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	<0.0006
GP-02B	2/24/99	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.05	<0.05	NA
	2/25/99-D	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.05	<0.05	NA
	8/4/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	<0.010
	11/20/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	**0.01**
	2/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	**0.007**
	5/23/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	**0.081**

Table B-3
Areas 5/6 and 7 Historical Analytical Results, Petroleum Hydrocarbons and Dissolved Zinc
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	Date Collected	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHG[3]	TPHMS[3]	TPHD[3]	Dissolved Zinc[3]
GP-03B	2/25/99	<0.0005	<0.0005	<0.0005	<0.0005	<0.05	<0.05	<0.05	NA
	8/4/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	<0.010
	8/4/99-D	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	<0.010
	11/20/99	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.005	<0.05	<0.006
	11/20/99-D	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.05	<0.05	**<0.006**
	2/24/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	**<0.016**
	5/23/00	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	<0.006
	5/23/00-D	<0.0005	<0.0005	<0.0005	<0.0005	NA	<0.01	<0.05	<0.006
	7/29/03	Well Destroyed							
AREA 7									
A-Zone									
GMW-01A	8/4/99	**0.0023**	<0.0005	**0.0028**	**0.0071**	**0.19**	NA	NA	NA
	11/20/99	**0.068**	<0.0005	**0.0019**	**0.0006**	**0.13**	NA	NA	NA
	2/24/00	**0.011**	<0.0005	**0.0038**	**0.001**	**0.13**	**0.086**	<0.05	NA
	5/24/00	**0.010**	<0.0005	**0.0019**	<0.0005	**0.15**	NA	<0.05	NA
	3/7/01	**0.010**	<0.0025	**0.003**	<0.0025	<0.25	NA	NA	NA
	8/21/01	**0.015**	**0.0005**	**0.0019**	**0.0016**	<0.25	NA	NA	NA
	3/14/02	**0.013**	**0.0005**	**0.0039**	**0.0018**	<0.25	NA	NA	NA
	2/13/03	**0.022**	**0.0009**	**0.007**	**0.0051**	<0.05	NA	NA	NA
	10/9/03	**0.0096**	**0.0012**	**0.0013**	**0.0027**	**0.25**	NA	NA	NA
	3/4/04	**0.0091**	**0.0011**	**0.0019**	**0.0014**	**0.25**	NA	NA	NA
	9/7/04	**0.0023**	**0.001**	**0.0006**	**0.0017**	**0.16**	NA	NA	NA
	2/9/05	**0.0035**	<0.0035	**0.0013**	**0.0016**	**0.37**	NA	NA	NA
	8/4/05	**0.00084**	**0.00086**	<0.0005	**0.0011**	**0.17**	NA	NA	NA
	3/2/06	**0.0013**	<0.004	<0.0005	**0.00256**	**0.33**	NA	NA	NA

Table B-3
Areas 5/6 and 7 Historical Analytical Results, Petroleum Hydrocarbons and Dissolved Zinc
Former Eureka Plywood, Eureka, California
(in mg/L)[1]

Sample Location	Date Collected	Benzene[2]	Toluene[2]	Ethyl-benzene[2]	Total Xylenes[2]	TPHG[3]	TPHMS[3]	TPHD[3]	Dissolved Zinc[3]

1. mg/L: milligrams per Liter
2. Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8260B.
3. Total Petroleum Hydrocarbons quantified as Gasoline-range (TPHG), Mineral Spirits (TPHMS), and Diesel-range (TPHD), and dissolved zinc, analyzed in general accordance with EPA Method No. 6010. The samples were directed through a 0.45-micron filter in the field. range (TPHD) and dissolved zinc analyzed by EPA Method 6010; samples filtered through a 0.45-micron filter in the field.
4. <: Denotes a value that is "less than" the laboratory method detection limit.
5. NA: Not Analyzed.
6. D: Duplicate sample.

Table B-4
Areas 5/6 and 7 Historical Analytical Results, PCP,TCP, and Detected PNAs[1]
Former Eureka Plywood, Eureka, California
(in mg/L)[2]

Sample Location	Filtered[3]	Date Collected	PCP	TCP	Detected Polynuclear Aromatics										
					Fluoran-thene	Pyrene	Chrysene	Benzo(a)pyrene	Benzo(b) fluoran-thene	Benzo(k) fluoran-thene	Indeno(1,2,3-cd) pyrene	Benzo (g,h,I) perylene	Benzo(a) anthracene	Dibenzo(a,h) anthracene	Phenan-threne
AREA 5/6															
A-zone															
GP-01A	No	3/1/99	<0.0006[4]	<0.001	NA[5]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	8/4/99	<0.0003	<0.003	**0.003**	**0.0004**	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	**0.0003**	<0.0003	<0.0003	<0.0003
	No	2/24/00	<0.0003	<0.001	**0.0047**	**0.005**	**0.0019**	**0.0045**	**0.0035**	**0.017**	**0.003**	**0.0036**	**0.0015**	**0.0005**	**0.00037**
	Yes	5/24/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	3/8/01	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	8/21/01	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	3/14/02	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	2/13/03	**0.0003**	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	NA	10/9/03	**Not Enough Water For Sampling**												
GP-02A	No	3/1/99	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	8/5/99	<0.0015	<0.0015	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0001	<0.0001	<0.0001	<0.0001	<0.0003
	No	2/24/00	<0.0003	<0.001	**0.0041**	**0.0043**	**0.0029**	**0.0029**	**0.0035**	**0.0027**	**0.0018**	**0.0019**	**0.0026**	**0.0008**	<0.0003
	Yes	5/24/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	3/8/01	**0.0008**	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	8/21/01	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	3/14/02	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	2/13/03	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	3/4/04	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	3/2/06	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-03A	No	8/5/99	**0.0049**	<0.001	**0.001**	**0.001**	**0.0003**	**0.0007**	**0.0005**	**0.0004**	**0.0003**	**0.0004**	<0.0003	<0.0003	<0.0003
	No	11/20/99	**0.0014**	<0.001	<0.0003	**0.0004**	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	**0.0003**	<0.0003	<0.0003	<0.0003
	Yes	11/20/99	**0.0004**	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	2/24/00	**0.0028**	<0.001	**0.0019**	**0.0022**	**0.0006**	**0.0016**	**0.0011**	**0.0007**	**0.0012**	**0.0015**	**0.0006**	<0.0003	<0.0003
	No	2/24/00-D[6]	**0.0012**	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	Yes	5/24/00	**0.0003**	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	Yes	1/0/00	**0.0003**	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	11/15/03	**0.0006**	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	3/8/01	**0.0003**	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	8/21/01	**0.0003**	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	3/14/02	<0.0003	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	2/13/03	**0.0009**	<0.001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	NA	7/29/03	**Well Destroyed**												

Table B-4
Areas 5/6 and 7 Historical Analytical Results, PCP,TCP, and Detected PNAs[1]
Former Eureka Plywood, Eureka, California
(in mg/L)[2]

Sample Location	Filtered[3]	Date Collected	PCP	TCP	Detected Polynuclear Aromatics										
					Fluoran-thene	Pyrene	Chrysene	Benzo(a)pyrene	Benzo(b) fluoran-thene	Benzo(k) fluoran-thene	Indeno(1,2,3-cd) pyrene	Benzo (g,h,I) perylene	Benzo(a) anthracene	Dibenzo(a,h) anthracene	Phenan-threne
GP-01B	No	2/25/99	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	8/4/99	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	11/20/99	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	2/24/00	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	Yes	5/23/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
GP-02B	No	2/24/99	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	2/25/99-D	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	8/4/99	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	11/20/99	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	2/24/00	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	Yes	5/23/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
GP-03B	No	2/25/99	<0.0003	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	No	8/4/99	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	8/4/99-D	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	11/20/99	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	11/20/99-D	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	2/24/00	<0.0003	<0.001	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003	<0.0003
	No	5/23/00	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	Yes	5/23/00-D	<0.0003	NA	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
	NA	7/29/03	Well Destroyed												

1. Polynuclear Aromatic Hydrocarbons (PNAs), Tetrachlorophenol (TCP), and Pentachlorophenol (PCP) were analyzed in accordance with EPA Method 8270 Selected Ion Monitoring (SIM).
2. mg/L: milligrams per Liter.
3. Groundwater samples passes through a 0.7 micron glass filer prior to analysis.
4. <: Denotes a value that is "less than" the method detection limit.
5. NA: Not Analyzed.
6. D: Duplicate sample.

Table B-5
Drainage Ditch Samples Historical Analytical Results
Former Eureka Plywood, Eureka, California

Sample Location	Station ID	Sample Date	Condition of Ditch Water	TPHD[1]	TPHMS[1]	Detected PNAs[2]	TCP[2]	PCP[2]
Drainage Ditch Grab Sample (in mg/L)[3]								
Ditch-0301	DDS 3	March 13, 2001	Standing	<0.050[4]	<0.050	<0.0001	<0.001	**0.0009**
DD-US-0501	DDS 3	May 3, 2001	Standing	NA[5]	NA	<0.0001	<0.001	**0.0007**
DD-DS-0501	DDS 2	May 3, 2001	Standing	NA	NA	<0.0001	<0.001	**0.0008**
DD-01-0801	DDS 4	August 22, 2001	Standing	NA	NA	Fluoranthene: **0.0001** All Others: <0.0001	<0.001	<0.0003
DD-CI-1201	DDS 1	December 17, 2001	Flowing	NA	NA	<0.0001	<0.001	<0.0003
Ditch	DDS 1	February 8, 2002	Flowing	NA	NA	<0.0001	<0.001	**0.0005**
Ditch-1-0302	DDS 1	March 7, 2002	Flowing	<0.050	<0.050	<0.0001	<0.001	**0.0005**
OEPDS-1	DDS 1	January 13, 2003	Flowing	NA	NA	<0.0001	<0.001	**0.0003**
OEPW-DS 0203	DDS 1	February 13, 2003	Flowing	NA	NA	<0.0001	<0.001/<0.001	**0.0007**/<0.003
OEPDS-1	DDS 1	March 13, 2003	Flowing	NA	NA	<0.01	NA	<0.05
OEPDS-1	DDS-1	February 17, 2004	Flowing	NA	NA	NA	<0.001	0.00034
OEPDS-1	DDS-1	February 9, 2005	Flowing	NA	NA	NA	<0.001	<0.0003

1. Total Petroleum Hydrocarbons quantified as Diesel-range (TPHD), and Mineral Spirits (TPHMS), analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 8015B. Prior to analysis, the sample extract was passed through a silica gel column as described in EPA Method No. 3630.
2. The groundwater sample was passed through a 0.7 micron glass filter prior to analysis. Polynuclear Aromatic Hydrocarbons (PNAs), Tetrachlorophenol (TCP), and Pentachlorophenol (PCP), analyzed in general accordance with EPA Method No. 8270 Selected Ion Monitoring (SIM).
3. mg/L: milligrams per liter
4. <: Denotes a value that is "less than" the laboratory method detection limit.
5. NA: Not Analyzed.

Appendix D

Laboratory Analytical Report

NORTH COAST LABORATORIES LTD.

March 14, 2006

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Frans Lowman

RE: 002266, Eureka Plywood

Order No.: 0603094
Invoice No.: 56843
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-01A
01D	GP-02A

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

Colleen Blackstone

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:** *14-Mar-06*

CLIENT: SHN Consulting Engineers and Geologists
Project: 002266, Eureka Plywood
Lab Order: 0603094

CASE NARRATIVE

BTEX:
The reporting limit for toluene was raised for sample MW-01A due to matrix interference.

The surrogate recovery for the method blank was below the lower acceptance limit. The response of the reporting limit standard was such that the analytes would have been detected even with the low recovery; therefore, the data were accepted.

TPH as Gasoline:
The gasoline value for sample MW-01A includes the reported gasoline components and additives in addition to other peak in the gasoline range.

NORTH COAST LABORATORIES
5680 West End Road • Arcata, California 95521-9202 • 707-822-4649 • FAX 707-822-6831
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Date: 14-Mar-06
WorkOrder: 0603094

ANALYTICAL REPORT

Client Sample ID: MW-01A **Received:** 3/2/06 **Collected:** 3/2/06 12:05
Lab ID: 0603094-01A

Test Name: BTEX **Reference:** EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		3/10/06
Benzene	1.3	0.50	µg/L	1.0		3/10/06
Toluene	ND	4.0	µg/L	1.0		3/10/06
Ethylbenzene	ND	0.50	µg/L	1.0		3/10/06
m,p-Xylene	1.8	0.50	µg/L	1.0		3/10/06
o-Xylene	0.76	0.50	µg/L	1.0		3/10/06
Surrogate: Cis-1,2-Dichloroethylene	88.2	85-115	% Rec	1.0		3/10/06

Test Name: TPH as Gasoline **Reference:** EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	330	50	µg/L	1.0		3/10/06

Client Sample ID: GP-02A **Received:** 3/2/06 **Collected:** 3/2/06 12:35
Lab ID: 0603094-01D

Test Name: Penta- and Tetrachlorophenol **Reference:** Canadian Pulp Report

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	3/9/06	3/13/06
Pentachlorophenol	ND	0.30	µg/L	1.0	3/9/06	3/13/06
Surrogate: Dibromophenol	76.2	66.5-118	% Rec	1.0	3/9/06	3/13/06

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North Coast Laboratories, Ltd.

Date: 14-Mar-06

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0603094
Project: 002266, Eureka Plywood

QC SUMMARY REPORT

Method Blank

Sample ID **MB-3/9/06** Batch ID: **R40207** Test Code: **BTXEW** Units: **µg/L** Analysis Date **3/10/06 2:59:21 AM** Prep Date
Client ID: Run ID: **ORGC8_060309B** SeqNo: **577612**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	ND	3.0									
Benzene	ND	0.50									
Toluene	ND	0.50									
Ethylbenzene	ND	0.50									
m,p-Xylene	ND	0.50									
o-Xylene	ND	0.50									
Cis-1,2-Dichloroethylene	0.829	0.10	1.00	0	82.9%	85	115	0			S

Sample ID **MB-15324** Batch ID: **15324** Test Code: **PCPTW** Units: **µg/L** Analysis Date **3/13/06 2:00:32 PM** Prep Date **3/9/06**
Client ID: Run ID: **ORGC4_060313A** SeqNo: **578369**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	ND	1.0									
Pentachlorophenol	ND	0.30									
Dibromophenol	4.16	0.10	5.00	0	83.2%	67	118	0			

Sample ID **MB-3/9/06** Batch ID: **R40206** Test Code: **TPHCGW** Units: **µg/L** Analysis Date **3/10/06 2:59:21 AM** Prep Date
Client ID: Run ID: **ORGC8_060309A** SeqNo: **577599**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6-C14)	ND	50									

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: 14-Mar-06

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0603094
Project: 002266, Eureka Plywood

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-06152** Batch ID: **R40207** Test Code: **BTXEW** Units: **µg/L** Analysis Date **3/10/06 12:10:36 AM** Prep Date
Client ID: Run ID: **ORGC8_060309B** SeqNo: **577605**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	37.68	3.0	40.0	0	94.2%	85	115	0			
Benzene	5.449	0.50	5.00	0	109%	85	115	0			
Toluene	5.493	0.50	5.00	0	110%	85	115	0			
Ethylbenzene	5.529	0.50	5.00	0	111%	85	115	0			
m,p-Xylene	10.96	0.50	10.0	0	110%	85	115	0			
o-Xylene	5.400	0.50	5.00	0	108%	85	115	0			
Cis-1,2-Dichloroethylene	0.970	0.10	1.00	0	97.0%	85	115	0			

Sample ID **LCSD-06152** Batch ID: **R40207** Test Code: **BTXEW** Units: **µg/L** Analysis Date **3/10/06 12:44:24 AM** Prep Date
Client ID: Run ID: **ORGC8_060309B** SeqNo: **577610**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	37.01	3.0	40.0	0	92.5%	85	115	37.7	1.81%	15	
Benzene	5.378	0.50	5.00	0	108%	85	115	5.45	1.30%	15	
Toluene	5.373	0.50	5.00	0	107%	85	115	5.49	2.21%	15	
Ethylbenzene	5.442	0.50	5.00	0	109%	85	115	5.53	1.59%	15	
m,p-Xylene	10.80	0.50	10.0	0	108%	85	115	11.0	1.46%	15	
o-Xylene	5.318	0.50	5.00	0	106%	85	115	5.40	1.54%	15	
Cis-1,2-Dichloroethylene	1.00	0.10	1.00	0	100%	85	115	0.970	3.05%	15	

Sample ID **LCS-15324** Batch ID: **15324** Test Code: **PCPTW** Units: **µg/L** Analysis Date **3/13/06 2:22:40 PM** Prep Date **3/9/06**
Client ID: Run ID: **ORGC4_060313A** SeqNo: **578370**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.268	1.0	5.00	0	85.4%	69	112	0			
Pentachlorophenol	1.280	0.30	1.50	0	85.3%	65	107	0			
Dibromophenol	4.08	0.10	5.00	0	81.6%	67	118	0			

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

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0603094
Project: 002266, Eureka Plywood

QC SUMMARY REPORT

Laboratory Control Spike Duplicate

Sample ID **LCSD-15324** Batch ID: **15324** Test Code: **PCPTW** Units: **µg/L** Analysis Date **3/13/06 2:44:54 PM** Prep Date **3/9/06**
Client ID: Run ID: **ORGC4_060313A** SeqNo: **578371**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.358	1.0	5.00	0	87.2%	69	112	4.27	2.08%	15	
Pentachlorophenol	1.315	0.30	1.50	0	87.7%	65	107	1.28	2.74%	15	
Dibromophenol	4.05	0.10	5.00	0	81.0%	67	118	4.08	0.757%	15	

Sample ID **LCS-06153** Batch ID: **R40206** Test Code: **TPHCGW** Units: **µg/L** Analysis Date **3/10/06 1:18:10 AM** Prep Date
Client ID: Run ID: **ORGC8_060309A** SeqNo: **577597**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6-C14)	517.5	50	500	0	104%	85	115	0			

Sample ID **LCSD-06153** Batch ID: **R40206** Test Code: **TPHCGW** Units: **µg/L** Analysis Date **3/10/06 1:51:51 AM** Prep Date
Client ID: Run ID: **ORGC8_060309A** SeqNo: **577598**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6-C14)	526.4	50	500	0	105%	85	115	518	1.70%	15	

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

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Chain of Custody

P. 1 of 1

0603094

LABORATORY NUMBER:

Attention: Frans Lowman
Results & Invoice to: SHN
Address: 812 West Wabash Avenue
Eureka, CA 95501
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): Dust Sillet

TAT: ☐ 24 Hr ☐ 48 Hr ☐ 5 Day ☐ 5–7 Day
☑ STD (2–3 Wk) ☐ Other:
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES

REPORTING REQUIREMENTS: State Forms ☐
Preliminary: FAX ☐ Verbal ☐ By: __/__/__
Final Report: FAX ☐ Verbal ☐ By: __/__/__

CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other

PRESERVATIVE CODES: a—HNO_3; b—HCl; c—H_2SO_4; d—$Na_2S_2O_3$; e—NaOH; f—$C_2H_3O_2Cl$; g—other

PROJECT INFORMATION
Project Number: 002266
Project Name: Eureka Plywood
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	ANALYSIS: TP46/BTEX	ANALYSIS: PCP/TCP	CONTAINER	PRESERVATIVE
	MW-01A	3/2/06	1205	GW	X		7	b
	GP-02A	↓	1235	↓		X	10	

SAMPLE CONDITION/SPECIAL INSTRUCTIONS
EDF
Cold in fact

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Dust Sillet		Ronald Cavey 3/2/06	1525

SAMPLE DISPOSAL
☐ NCL Disposal of Non-Contaminated
☐ Return ☐ Pickup

CHAIN OF CUSTODY SEALS Y/N/NA
SHIPPED VIA: UPS Air-Ex Fed-Ex Bus Hand

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

PW

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT