Semiannual 2005 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

September 2005

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

Reference: 002266

September 30, 2005

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

Subject: Semiannual Monitoring Report, Summer 2005-Areas 1 and 7, Former Simpson Eureka Plywood Mill, 1200 West Del Norte Street, Eureka, California; Case No. 1NHU103

Dear Ms. Ashley:

Enclosed please find a copy of the second semiannual 2005 monitoring report for Areas 1, 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.

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 Hydrologist

FBL/SLD:lms
Enclosure: Semiannual 2005 Monitoring Report
copy w/encl: Rob Ricci, STC
David McEntee, STC
Frank Bickner, LACO

Reference: 002266

Semiannual 2005 Monitoring Report

Former Simpson Eureka Plywood Mill
Areas 1 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

REGISTERED PROFESSIONAL GEOLOGIST
FRANS BARTON LOWMAN
NO. 6705
Exp. _____
STATE OF CALIFORNIA

September 2005

QA/QC:MKF ___

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Abbreviations and Acronyms

°F	degrees Fahrenheit
<	denotes a value that is "less than" the method reporting limit
mV	millivolts
mg/L	milligrams per Liter
ppm	parts per million
ug/L	micrograms per Liter
BTEX	Benzene, Toluene, Ethylbenzene, and total Xylenes
DCO_2	Dissolved Carbon Dioxide
DO	Dissolved Oxygen
EC	Electrical Conductivity
EPA	(U.S.) Environmental Protection Agency
GMW-#	Groundwater Monitoring Well-#
GP-#	Piezometer-#
MSL	Mean Sea Level
MTBE	Methyl Tertiary-Butyl Ether
MW-#	Monitoring Well-#
NA	Not Applicable/Not Available
NR	No Reference
ORP	Oxidation-Reduction Potential
PCP	Pentachlorophenol
PNAs	Polynuclear Aromatic Hydrocarbons
RWQCB	California Regional Water Quality Control Board (North Coast Region)
SHN	SHN Consulting Engineers & Geologists, Inc.
SIM	Selected Ion Monitoring
STC	Simpson Timber Company
TCP	Tetrachlorophenol
TPHD	Total Petroleum Hydrocarbons as Diesel
TPHG	Total Petroleum Hydrocarbons as Gasoline
TPHMO	Total Petroleum Hydrocarbons as Motor Oil
TPHMS	Total Petroleum Hydrocarbons as Mineral Spirits

1.0 Introduction

This report presents the results of the semiannual groundwater monitoring activities for the second half of 2005, 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 August 4, 2005.

This report is presented in six sections. This section provides an introduction to the site. Section 2.0 discusses the work completed at the site during the current monitoring event, including groundwater sampling. Section 3.0 presents the results of the monitoring program. Section 4.0 contains a discussion regarding the nature of the site. Section 5.0 presents recommendations for future activities. Section 6.0 presents a list of references cited.

2.0 Field Activities

2.1 Monitoring Well Sampling

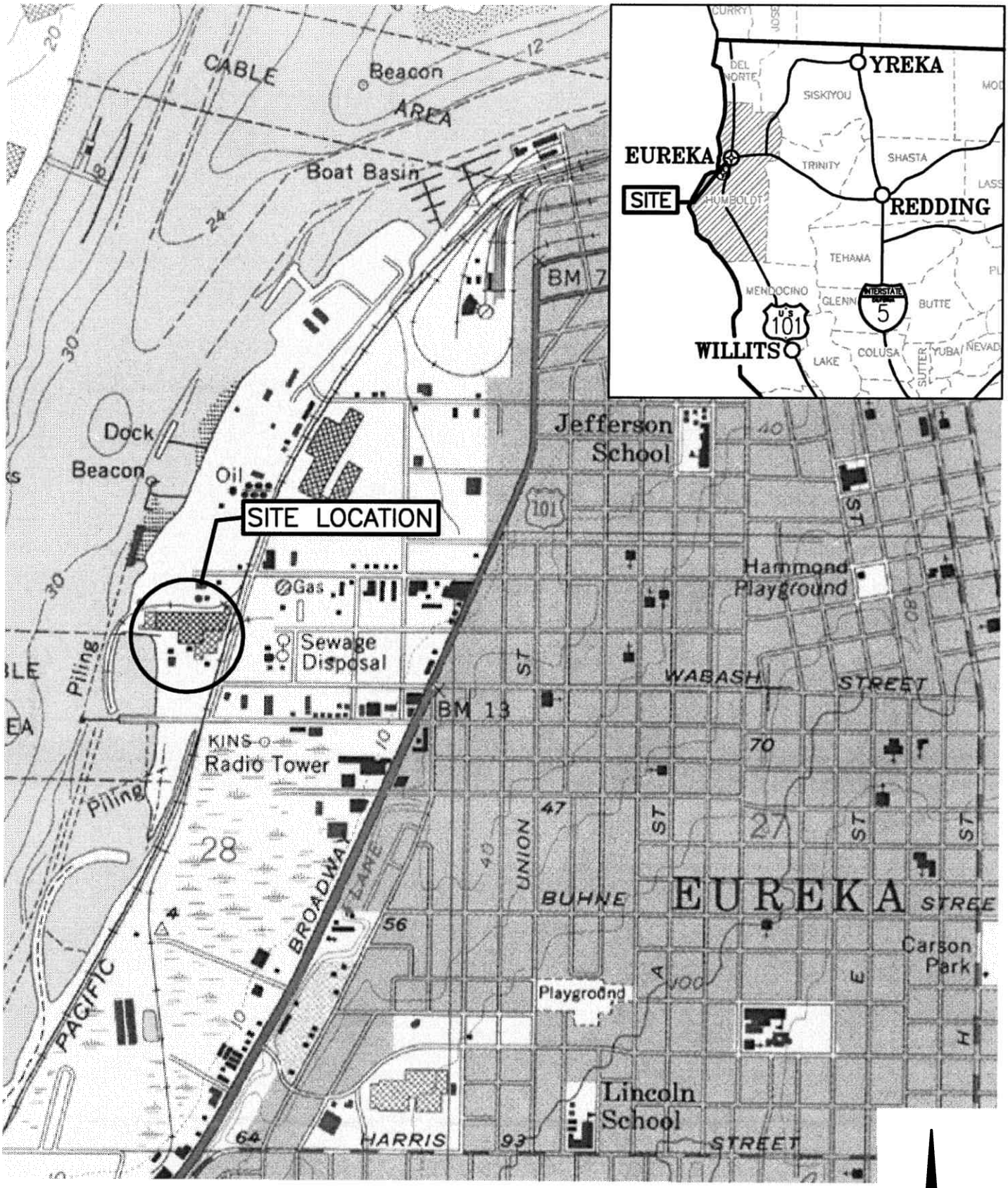
SHN conducted groundwater monitoring on August 4, 2005, in accordance with California Regional Water Quality Control Board, North Coast Region (RWQCB) Monitoring and Reporting Program No. R1-2004-0007. As part of the monitoring program, depth-to-water measurements were collected in monitoring wells MW-1A, MW-4A, MW-1B, MW-2B, MW-3B, and piezometers GP-01A, GP-02A, GP-01B, and GP-02B. The well and piezometer locations are shown on Figure 2. Monitoring wells MW-01A, MW-1B, MW-2B, and MW-3B, were subsequently purged and sampled.

Electrical Conductivity (EC), 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 each well 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 August 4, 2005, groundwater-monitoring event are included in Appendix A.

2.2 Laboratory Analysis

All of the groundwater samples were analyzed in accordance with Monitoring and Reporting Program No. R1-2004-0007. The groundwater samples collected during the second semiannual 2005 monitoring event were analyzed for one or more of the following constituents:

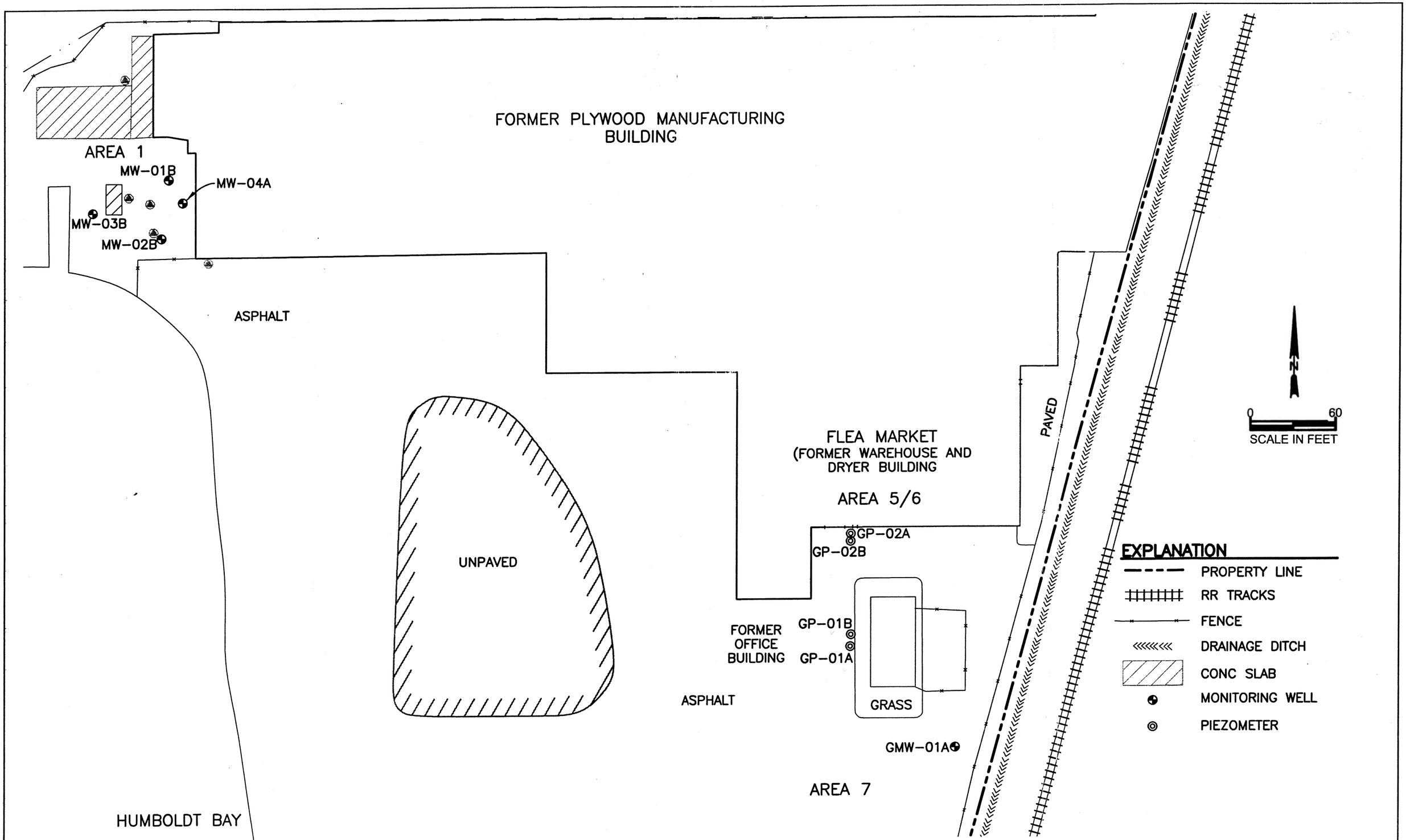
- Pentachlorophenol (PCP) and Tetrachlorophenol (TCP) in general accordance with the Canadian Pulp Report Method.
- Total Petroleum Hydrocarbons as Gasoline (TPHG), in general accordance with U.S. Environmental Protection Agency (EPA) Method Nos. 5030/8015B.
- Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), in general accordance with EPA Method Nos. 5030/8021B.



SOURCE: EUREKA U.S.G.S.
7.5 MINUTE QUADRANGLE

NO SCALE

SHN Consulting Engineers & Geologists, Inc.	(Former) Simpson Timber Company Eureka Plywood Mill Eureka, California		Site Location Map SHN 002266.100
	July 2005	002266-SITE-03	Figure 1



SHN Consulting Engineers & Geologists, Inc.	(Former) Simpson Timber Company Eureka Plywood Mill Eureka, California	Site Plan SHN 002266
	MARCH 2004 / 002266.100-SI2	Figure 2

- Total Petroleum Hydrocarbons as Diesel (TPHD), in general accordance with EPA Method Nos. 3510/GCFID/8015B, or Silica Gel Cleanup Method Nos. 3510/3630/GCFID/8015B.
- Total Petroleum Hydrocarbons as Stoddard Solvent, in general accordance with EPA Method No. 5030/GCFID.

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

2.3 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.

2.4 Investigation-Derived Waste Management

Water used for decontaminating equipment, and all well purge water was contained on site in 5-gallon buckets. 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 30 gallons of purge water generated during the August 4, 2005, monitoring event are being stored at SHN, and will be tested and subsequently discharged, under permit, to the City of Eureka wastewater collection system. A discharge receipt will be included in the next semiannual monitoring report. Appendix A contains the discharge receipt for the 48 gallons of purge water that were generated during the previous (February 2005) monitoring event.

3.0 Groundwater Monitoring Results

3.1 Hydrogeology

Table 1 presents the depth to groundwater measurements that were collected from the existing monitoring wells on August 4, 2005. There are two distinct water-bearing zones that are being monitored at the site. Zone A (shallow zone) is monitored by wells MW-04A (Area 1), wells GP-01A and GP-02A (Area 5/6), and groundwater monitoring well GMW-01A (Area 7). Zone B (deep zone) is monitored by wells MW-01B, MW-02B, and MW-03B (Area 1), and wells GP-01B and GP-02B (Area 5/6).

3.1.1 Area 1

On August 4, 2005, the depth to water in Area 1 A-Zone well MW-04A was measured at 4.84 feet below the top of casing. The calculated groundwater elevation in monitoring well MW-04A was 3.37 feet above Mean Sea Level (MSL). This monitoring well is affected by seasonal precipitation events and historically, is often dry during the second semiannual monitoring event (September, dry season).

Table 1 Groundwater Elevations, August 4, 2005 Former Eureka Plywood, Eureka, California			
Sample Location	**Top of Casing Elevation (feet MSL)[1]**	**Depth to Water[2] (feet)**	**Groundwater Elevation (feet MSL)**
Area 1 A-Zone			
MW-04A	8.21	4.84	3.37
Area 1 B-Zone			
MW-01B	8.15	8.20	-0.05
MW-02B	8.11	8.17	-0.06
MW-03B	7.32	7.26	0.06
Area 5/6 A-Zone			
GP-01A	7.22	2.11	5.11
GP-02A	7.29	3.61	3.68
Area 5/6 B-Zone			
GP-01B	7.33	6.76	0.57
GP-02B	7.25	6.77	0.48
Area 7 A-Zone			
GMW-01A	6.88	3.51	3.37

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

The measured depth to water in the B-Zone wells of Area 1 ranged from 7.26 to 8.20 feet below the top of casing. The calculated groundwater elevations ranged from -0.05 to +0.06 feet relative to MSL. The groundwater elevations for the A-Zone and B-Zone in Area 1 are provided on Figures 3 and 4, respectively. During this monitoring event, the hydraulic gradient for the B-Zone was calculated to be 0.002 in a southeast direction (away from Humboldt Bay). The hydraulic gradient for Area 1 A-Zone could not be calculated due to insufficient data.

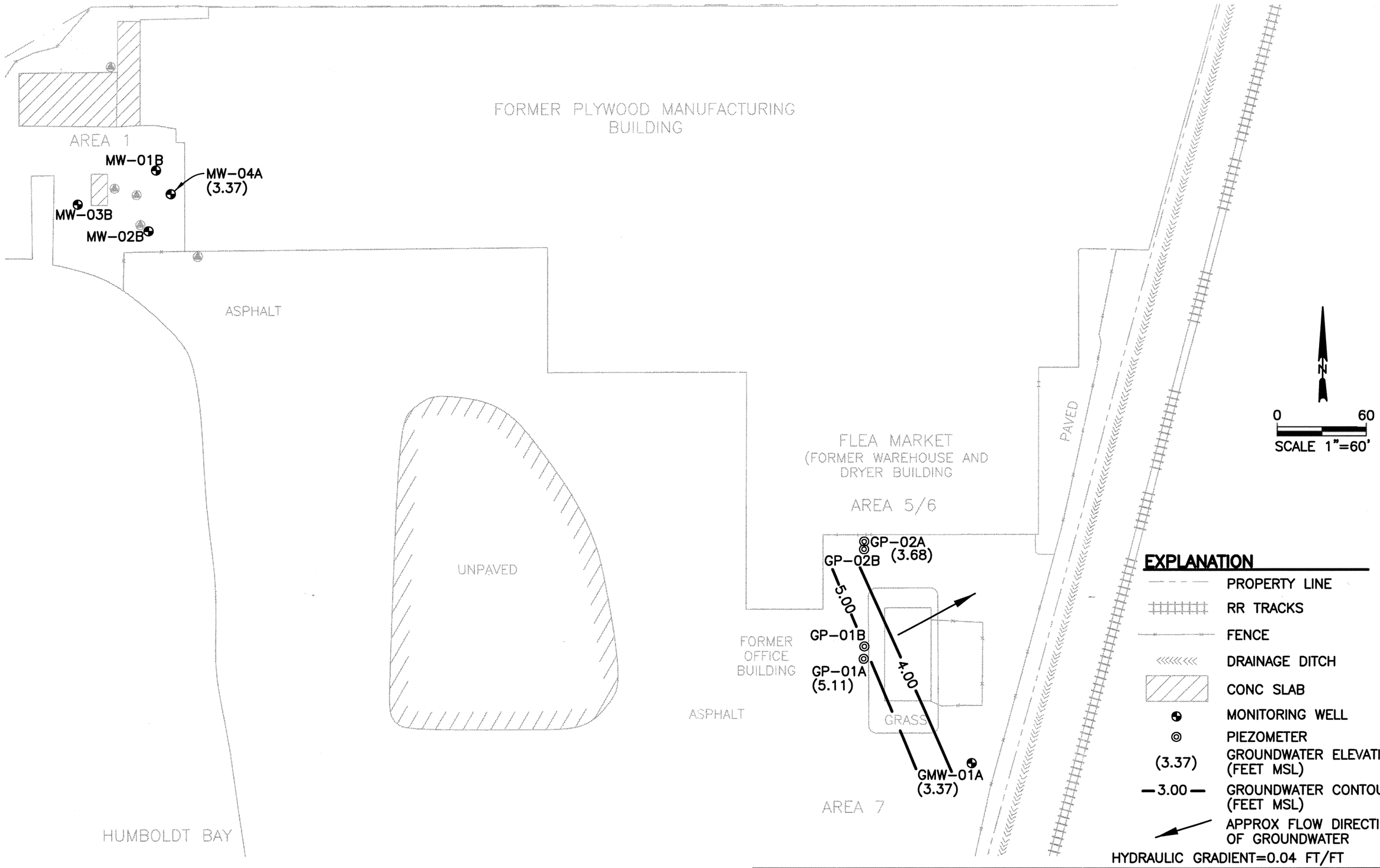
3.1.2 Areas 5/6 and 7

Depth to water in the A-Zone of Areas 5/6 and 7 ranged from 2.11 to 3.61 feet below the top of casing. The calculated groundwater elevations ranged from 3.37 to 5.11 feet above MSL. Depth to water in the B-Zone of Areas 5/6 and 7 ranged from 6.76 to 6.77 feet below the top of the casing. The calculated groundwater elevations in the B-Zone ranged from 0.48 to 0.57 feet above MSL.

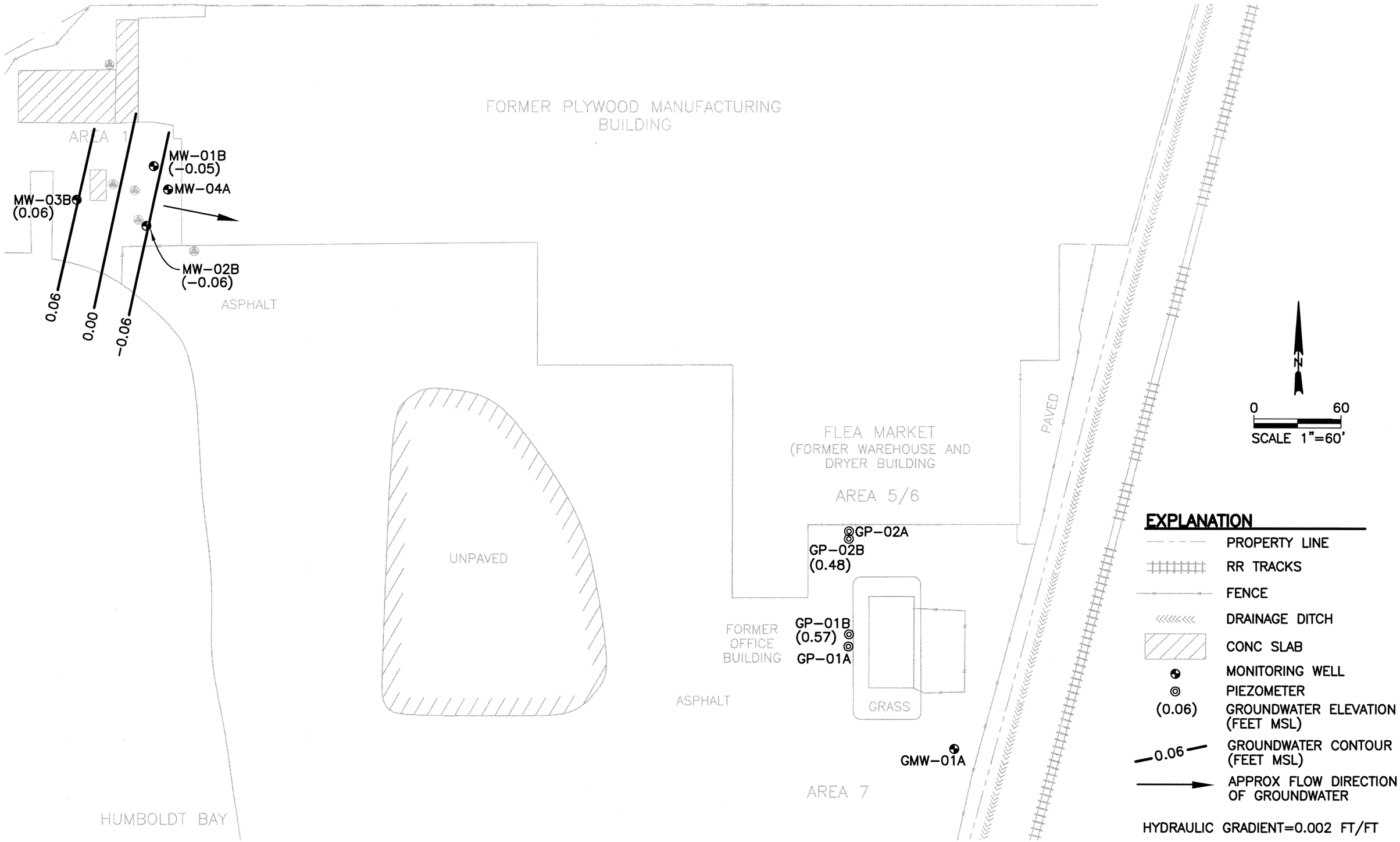
The groundwater elevations for the A-Zone and B-Zone in Areas 5/6 and 7 are provided in Figures 3 and 4, respectively. During this monitoring event, the hydraulic gradient for Area 5/6 and 7 A-Zone was calculated to be 0.04, with a northeastern flow (away from Humboldt Bay). The Area 5/6 and 7 B-Zone hydraulic gradient could not be calculated due to insufficient data.

3.2 Groundwater Analytical Results

Table 2 summarizes the laboratory analytical results for the groundwater samples collected on August 4, 2005.



SHN Consulting Engineers & Geologists, Inc.	(Former) Simpson Timber Company Eureka Plywood Mill Eureka, California	Groundwater Contours in A-Zone August 4, 2005 SHN 002266
	August, 2005	002266-100-GWc-ZONE-A-AUG-05	Figure 3



SHN Consulting Engineers & Geologists, Inc.	(Former) Simpson Timber Company Eureka Plywood Mill Eureka, California		Groundwater Contours in B-Zone August 4, 2005 SHN 002266
	August, 2005	002266-100-GWELEV-ZONE-B-AUG-05	Figure 4

Table 2
Laboratory Analytical Results, August 4, 2005
Former Eureka Plywood Mill, Eureka, California
(in ug/L)[1]

Sample Location	Zone	TPHD[2]	TPHG[3]	B[4]	T[4]	E[4]	X[4]	Stoddard Solvent[5]	PCP[6]	TCP[6]
Area 1										
MW-01B	B	**160**[7]	NA[8]	NA	NA	NA	NA	**140**[9]	<0.30[10]	<1.0
MW-02B	B	NA	NA	NA	NA	NA	NA	NA	<0.30	<1.0
MW-03B	B	<50	NA	NA	NA	NA	NA	<50	<0.30	<1.0
Area 7										
GMW-01A	A	NA	**170**[11]	**0.84**	**0.86**	<0.50	**1.1**	NA	NA	NA

1. ug/L: micrograms per Liter.
2. TPHD: Total Petroleum Hydrocarbons as Diesel, analyzed in general accordance with U.S. Environmental Protection Agency (EPA) Methods 3510/GCFID/8015B, or Silica Gel Cleanup Method Nos. 3510/3630/GCFID/8015B.
3. TPHG: Total Petroleum Hydrocarbons as Gasoline, analyzed in general accordance with EPA Method Nos. 5030/GCFID/8015B.
4. Benzene (B), Toluene (T), Ethylbenzene (E), and total Xylenes (X), analyzed in general accordance with EPA Method Nos. 5030/8021B.
5. Analyzed in general accordance with EPA Method No. 5030/GCFID.
6. Pentachlorophenol (PCP), and Tetrachlorophenol (TCP), analyzed in general accordance with the Canadian Pulp Method.
7. Sample contains material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.
8. NA: Not Analyzed
9. Sample does not present a peak pattern consistent with that of Stoddard Solvent. The reported result represents the amount of material in the Stoddard Solvent range.
10. <: Denotes a value that is "less than" the laboratory method detection limit.
11. The gasoline value includes the reported gasoline components in addition to other peaks in the gasoline range.

TPHD was present in the groundwater sample collected from monitoring well MW-01B, at a concentration of 160 micrograms per Liter (ug/L). Stoddard Solvent was detected in this sample, at a concentration of 140 ug/L. It should be noted that TPHD and Stoddard Solvent have similar carbon chain ranges of molecular weight. Accordingly, the material reported as Stoddard Solvent may actually be TPHD. PCP and TCP were not present at concentrations above their respective laboratory method detection limits in the groundwater sample from well MW-01B.

The groundwater sample collected from monitoring well MW-02B did not contain any detectable concentrations of PCP or TCP. The groundwater sample collected from monitoring well MW-03B did not contain TPHD, Stoddard Solvent, PCP, or TCP, at concentrations above their respective method detection limits.

TPHG, benzene, toluene, and total xylenes were detected in the groundwater sample collected from monitoring well GMW-01A, at concentrations of 170, 0.84, 0.86, and 1.1 ug/L, respectively.

None of the groundwater samples that were collected during this monitoring event were analyzed for Polynuclear Aromatic Compounds.

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

3.3 Natural Attenuation Parameters

Natural attenuation parameters are monitored at the site to provide additional information on background conditions and long-term trends. On August 4, 2005, 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, August 4, 2005
Former Eureka Plywood Mill, Eureka, California

Sample Location	Temperature (°F)	DO[1] (ppm)[2]	DCO_2[3] (ppm)	ORP[4] (mV)[5]
Area 1 B-Zone				
MW-01B	61.3	0.58	100	-88
MW-02B	60.4	0.57	80	-81
MW-03B	60.8	0.55	80	-91
Area 7 A-Zone				
GMW-01A	68.5	1.19	600	-128

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

As shown in Table 3, the natural attenuation parameters measured during this groundwater-monitoring event are trending toward anaerobic conditions (decreasing oxygen and ORP, and increasing carbon dioxide) in the B-Zone of Area 1, and the A-Zone of Area 7. During this monitoring event, the DO concentration that was measured in A-Zone well GMW-01A (Area 7) was 1.19 parts per million (ppm). The DCO_2 and ORP concentrations in this well were 600 ppm and -128 millivolts (mV), respectively.

In the B-Zone of Area 1, the DO concentrations ranged from 0.55 ppm in well MW-03B, to 0.58 ppm in well MW-01B. The DCO_2 concentrations ranged from 80 ppm in wells MW-02B and MW-03B, to 100 ppm in well MW-01B. The ORP concentrations in these three wells ranged from -81 mV in well MW-02B, to -91 in well MW-03B.

4.0 Discussion

4.1 Area 1

Information collected during this and previous semiannual groundwater-monitoring events indicates that low petroleum hydrocarbon concentrations are present in groundwater in the eastern portion of Area 1 (well MW-01B). However, it does not appear that the petroleum hydrocarbons

are migrating toward Humboldt Bay. Petroleum hydrocarbons have not been detected in monitoring well MW-02B since November 2000 or in well MW-03B during any monitoring event (beginning in May 2000; see Appendix B). Monitoring well MW-03B is located west of well MW-01B, and closer to Humboldt Bay.

Groundwater flow in the B-Zone of Area 1 was to the southeast, indicating that groundwater in this zone is influenced by tidal fluctuations in Humboldt Bay. The hydraulic evaluation of the B-Zone in Area 1 conducted in December 2003 supports the conclusion that daily tidal changes in Humboldt Bay affect the groundwater gradient and flow direction.

PCP and TCP were not detected in the groundwater samples that were collected from wells MW-01B, MW-02B, or MW-03B during this monitoring event.

4.2 Areas 5/6 and 7

TPHG and BTEX components were detected in the groundwater samples collected from monitoring well GMW-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. There were insufficient hydrologic data available to be able to evaluate groundwater flow direction and gradient for B-Zone of Areas 5/6 and 7.

5.0 Future Activities

SHN is in the process of implementing the remediation plan for Area 1 as discussed during a meeting with the RWQCB on May 26, 2005. The remediation plan includes the installation of a clay barrier along the west end of the existing building and subsequent capping of a portion of Area 1. Well MW-4A will be removed during the installation of the clay barrier. SHN has recommended that wells MW-01B, MW-02B, and MW-03B be properly abandoned prior to capping Area 1.

In accordance with RWQCB Monitoring and Reporting Program No. R1-2004-0007, SHN recommends that groundwater monitoring continue for one year. The next site-monitoring event is scheduled for March 2006. Upon completion of the annual monitoring, 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

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

PROJECT NAME: Simpson - Former Eureka Plywood	CLIENT/OWNER: Simpson Resource Company	DAILY FIELD REPORT SEQUENCE NO: 1
GENERAL LOCATION OF WORK: Eureka, CA	OWNER/CLIENT REPRESENTATIVE: Rob Ricci	DATE: 8-4-05 / DAY OF WEEK: Thursday
TYPE OF WORK: Semi-annual Sampling	WEATHER: Overcast to clear	PROJECT ENGINEER/ SUPERVISOR: Frans Lowman
SOURCE & DESCRIPTION OF FILL MATERIAL	KEY PERSONS CONTACTED	TECHNICIAN: David R. Paine

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

0854 arrived at site, area 7 removed lids and caps on all 5 wells. MW-01A, GP-01B, and GP-02B had water in flush mount bailed out, then I removed lids and caps on the 4 wells in Area 1, all 4 wells had water in flush mounts, bailed out.

0945 I started taking water level readings deconing the sounder after each well by scribbing it with liquinor then rinsing it with DI water.

1029 I started taking DO readings, secured wells GP-01A, 01B, 02A, 02B and MW-4A with caps and lids.

1114 I started purging MW-01A with a disposable bailer, purge water was caught in a graduated 1 gal. bucket.

1150 I sampled MW-01A, secured well with cap and lid.

1211 I started purging MW-2B with a disposable bailer, purge water was caught in a graduated 5 gal. bucket.

1250 I sampled MW-2B, secured well with cap and lid.

1255 I started purging MW-1B with a disposable bailer, purge water was caught in a graduated 5 gal. bucket.

1330 I sampled MW-1B, secured well with cap and lid.

1344 I started purging MW-3B with a disposable bailer, purge water was caught in a graduated 5 gal. bucket.

1420 I sampled MW-3B, secured well with cap and lid.

1440 OFF SITE

Note: All decon water and purge water was caught in 5 gal. buckets with lids then transported to SHN's 1,000 gal. PWST located at 812 W. Wabash Avenue Eureka, CA 30 gallons total

Soil cuttings on site, 1 55gal. drum, 2-5gal. buckets with lids.

COPY GIVEN TO:

REPORTED BY: David R. Paine

CONSULTING ENGINEERS & GEOLOGISTS, INC.
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Groundwater Elevations

Job No.: 002266
Name: David R. Paine
Client: SIMPSON RESOURCE COMPANY
Date: 8-4-05
Location: FOOT OF DEL NORTE STREET EUREKA, CA
Weather: Overcast

Sample Location	Time of Reading	Top of Casing Elevation (feet)	Depth To Water (feet)	Water Surface Elevation (feet)
MW-1B	1008	8.15	8.20	-0.05
MW-2B	1004	8.11	8.17	-0.06
MW-3B	1012	7.32	7.26	0.06
MW-4A	1017	8.21	4.84	3.37
GP-01A	0945	7.22	2.11	5.11
GP-02A	0955	7.29	3.61	3.68
GP-01B	0948	7.33	6.76	0.57
GP-02B	0951	7.25	6.77	0.48
MW-01A	0958	6.88	3.51	3.37

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EQUIPMENT CALIBRATION SHEET

Name: David R. Paine

Project Name: Former Simpson Old Eureka Plywood

Reference No.: 002266

Date: 8-4-05

Equipment: ☒ pH & EC ☐ PID ☐ $GTCO_2$ ☐ GTLEL
☐ Turbidity ☒ Other Dissolved Oxygen Meter YS195

Description of Calibration Procedure and Results:

pH & Ec meter is calibrated using a 2 buffer method with 7.01 and 4.01, the Ec (conductivity) is set at 1413 µS.

DO meter is self calibrating with the Altimeter set at 0.

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
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Water Sampling Data Sheet

Project Name: Simpson - Former Eureka Plywood
Date/Time: 8-4-05
Project No.: 002266
Sampler Name: David R. Pains
Location: Eureka, CA
Sample Type: Ground water
Well #: MW-01A
Weather: Overcast to clear
Hydrocarbon Thickness/Depth (feet): NA
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	-	3.51	=	1.44	x	0.163	=	0.23

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1034	1.19						0 gal	
1114	↓	600	-128				0.15 gal.	
1123				>3999	70.3°	6.46	0.30 gal.	
1128	No Flow			>3999	69.7°	6.49	0.50 gal.	
	than cell			>3999	68.5°	6.56	0.70 gal.	
1150	Sample Time							

Purge Method: Hand Bail
Total Volume Removed: 0.70 (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: Good

Remarks:

Recharged to 4.65 at sampling time.

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: 8-4-05
Project No.: 002266
Sampler Name: David R. Pains
Location: Eureka, CA
Sample Type: Ground water
Well #: MW-2B
Weather: Overcast
Hydrocarbon Thickness/Depth (feet): NA
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)
23.60	-	8.17	=	15.43	x	0.163	=	2.52

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1045	0.57						0 gal	
1211	↓	80	-81				0.25 gal.	
1223	↓			2178	60°	7.48	2.75 gal.	
1229	No Flow			2484	59.9°	7.56	5.25 gal.	
1235	thru cell			2616	59.9°	7.56	7.75 gal.	
1241				2670	60.4°	7.56	10.25 gal.	
1250	Sample Time							

Purge Method: Hand Bail
Total Volume Removed: 10.25 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-2B	1 - 125ml BG	None	NCL	PCP/TCP

Well Condition: Good

Remarks:

Recharged to 6.14 at sampling time.

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Water Sampling Data Sheet

Project Name:	Simpson - Former Eureka Plywood	Date/Time:	8-4-05
Project No.:	002266	Sampler Name:	David R. Paine
Location:	Eureka, CA	Sample Type:	Ground water
Well #:	MW-1B	Weather	Overcast
Hydrocarbon Thickness/Depth (feet):	NA	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)
23.70	-	8.20	=	15.50	x	0.163	=	2.53

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1052	0.58						0 gal	
1255	↓	100	-88				0.25 gal.	
1305	↓			2113	61°	7.29	2.75 gal	
1311	No Flow			2264	61.1°	7.34	5.25 gal.	
1318	thru cell			2334	61.3°	7.37	7.75 gal.	
1330	Sample Time							

Purge Method: Hand Bail

Total Volume Removed: 7.75 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-1B	3-40ml VOA's	YES HCL	NCL	TPH - mineral spirits
MW-1B	~~2 40ml VOA's~~ 1 Liter BG	None	NCL	TPHD Silica-gel
MW-1B	1-125ml BG	None	NCL	PCP/TCP Canadian Pulp
MW-1B	1-1 Liter BG	None	NCL	PAH

Well Condition: Good

Remarks:

Recharged to 5.89 at sampling time.

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Water Sampling Data Sheet

Project Name:	Simpson - Former Eureka Plywood	Date/Time:	8-4-05
Project No.:	002266	Sampler Name:	David R. Paine
Location:	Eureka, CA	Sample Type:	Ground water
Well #:	MW-3B	Weather	Overcast
Hydrocarbon Thickness/Depth (feet):	NA	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)
24.05	-	7.26	=	16.79	x	0.163	=	2.74

Time	DO (ppm)	CO_2 (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1058	0.55						0 gal	
1344	↓	80	-91				0.25 gal.	
1355	↓			3062	61°	7.43	2.75 gal	
1401	No Flow			3109	61°	7.52	5.50 gal.	
1408	thru cell			3116	60.8°	7.51	8.25 gal.	
1420	Sample Time							

Purge Method: Hand Bail

Total Volume Removed: 8.25 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-3B	3-40ml VOA's	YES HCL	NCL	TPH - mineral spirits
MW-3B	~~2-60ml VOA's~~ 1 Liter BG	None	NCL	TPHD Silica-gel
MW-3B	1-125ml BG	None	NCL	PCP/TCP Canadian Pulp
MW-3B	1-1 Liter BG	None	NCL	PAH

Well Condition: Good

Remarks:

Recharged to 4.85 at sampling time.

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

Chain of Custody

LABORATORY NUMBER:

Attention: Erik Nielson
Results & Invoice to: SHN
Address: 812 West Wabash Avenue
Eureka, CA 95501
Phone: 441-8855
Copies of Report to:

Sampler (Sign & Print): David R. Paine David R. Paine

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 Simpson Old Eureka Plywood
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	ANALYSIS: TPHG/BTEX	CONTAINER: 9	PRESERVATIVE: b	ANALYSIS: TPH-Mineral Spirits	CONTAINER: 9	PRESERVATIVE: b	ANALYSIS: TPHD Silica gel	CONTAINER: 7	ANALYSIS: PCB/TCP Canadian Pulp	CONTAINER: 10	ANALYSIS: PAH [illegible]	CONTAINER: 7
	mw-01A	8/4/05	1150	GW	X											
	mw-2B	↓	1250	↓									X			
	mw-1B	↓	1330	↓				X			X		X		X	
	mw-3B	↓	1420	↓				X			X		X		X	

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

EDF
Global ID# T0602300095
No MTBE on report
[illegible]

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
David R. Paine David R. Paine	1504 8/4/05	K. Thompson	8/4/05

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

Client Name: **SIMPSON-former eureka plywood mill**

The water from your site: **1200 W. DEL NORTE STREET**
EUREKA, CA
RWQCB CASE # 1NHU103

SHN ref # **002266** Collected On: **2/7-9/05**

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged: **48 GALLONS**

Date Discharged: **4/29/05**

Certified by: **DAVID R. PAINE**

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.
City of Eureka Wastewater Discharge Permit #65

Appendix B

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	Benzene2	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
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	Benzene2	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	**160**	NA	NA	NA	NA
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

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	Benzene2	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	<50	NA	NA	NA	NA

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
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
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
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

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	**0.84**	**0.86**	<0.50	**1.1**	**170**	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
		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
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
		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)p yrene	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 C

Laboratory Analytical Report

NORTH COAST LABORATORIES LTD.

REC'D AUG 1 8 2005

August 15, 2005

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

Order No.: 0508139
Invoice No.: 52058
PO No.:
ELAP No. 1247-Expires July 2006

Attn: Erik Nielsen

RE: 002266, Former Simpson Old Eureka Plywood

SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	MW-01A
02A	MW-2B
03A	MW-1B
03B	MW-1B
03E	MW-1B
04A	MW-3B
04B	MW-3B
04E	MW-3B

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

Collen Blackstone (for SKD) T. Shen

Laboratory Supervisor(s) QA Unit Jesse G. Chaney, Jr.
Laboratory Director

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Printed on Recycled Paper

CLIENT: SHN Consulting Engineers and Geologists
Project: 002266, Former Simpson Old Eureka Plywood
Lab Order: 0508139

CASE NARRATIVE

All samples submitted for a silica gel cleanup were initially analyzed for diesel. The samples showing no detectable levels of the analyte were not subjected to the cleanup procedure.

TPH as Diesel with Silica Gel Cleanup:
Sample MW-1B contains material in the diesel range of molecular weights, but the material does not exhibit the peak pattern typical of diesel oil.

The surrogate recovery for sample MW-1B was outside of acceptance limits. The surrogate recovery 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.

TPH as Stoddard Solvent:
Sample MW-1B does not present a peak pattern consistent with that of stoddard solvent. The reported result represents the amount of material in the stoddard solvent range.

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

Penta- and Tetrachlorophenol:
The laboratory control sample duplicate (LCSD) recovery was below the lower acceptance limit for pentachlorophenol. The response of the reporting limit standard was such that the analyte would have been detected even with the low recovery; therefore, the data were accepted.

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Date: 15-Aug-05
WorkOrder: 0508139

ANALYTICAL REPORT

Client Sample ID: MW-01A **Received:** 8/4/05 **Collected:** 8/4/05 11:50
Lab ID: 0508139-01A

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

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Benzene	0.84	0.50	µg/L	1.0		8/11/05
Toluene	0.86	0.50	µg/L	1.0		8/11/05
Ethylbenzene	ND	0.50	µg/L	1.0		8/11/05
m,p-Xylene	1.1	0.50	µg/L	1.0		8/11/05
o-Xylene	ND	0.50	µg/L	1.0		8/11/05
Surrogate: Cis-1,2-Dichloroethylene	86.7	85-115	% Rec	1.0		8/11/05

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

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	170	50	µg/L	1.0		8/11/05

Client Sample ID: MW-2B **Received:** 8/4/05 **Collected:** 8/4/05 12:50
Lab ID: 0508139-02A

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

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	8/9/05	8/11/05
Pentachlorophenol	ND	0.30	µg/L	1.0	8/9/05	8/11/05
Surrogate: Dibromophenol	93.9	69.7-119	% Rec	1.0	8/9/05	8/11/05

Client Sample ID: MW-1B **Received:** 8/4/05 **Collected:** 8/4/05 13:30
Lab ID: 0508139-03A

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

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	8/9/05	8/11/05
Pentachlorophenol	ND	0.30	µg/L	1.0	8/9/05	8/11/05
Surrogate: Dibromophenol	95.6	69.7-119	% Rec	1.0	8/9/05	8/11/05

Client Sample ID: MW-1B **Received:** 8/4/05 **Collected:** 8/4/05 13:30
Lab ID: 0508139-03B

Test Name: TPH as Stoddard Solvent **Reference:** EPA 5030/GCFID(LUFT)

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPH Stoddard Solvent	140	50	µg/L	1.0		8/12/05

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Date: 15-Aug-05
WorkOrder: 0508139

ANALYTICAL REPORT

Client Sample ID: MW-1B **Received:** 8/4/05 **Collected:** 8/4/05 13:30
Lab ID: 0508139-03E

Test Name: TPH as Diesel with Silica Gel Cleanup **Reference:** EPA 3510/3630/GCFID(LUFT)/8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	160	50	µg/L	1.0	8/8/05	8/10/05
Surrogate: N-Tricosane	66.7	70-130	% Rec	1.0	8/8/05	8/10/05

Client Sample ID: MW-3B **Received:** 8/4/05 **Collected:** 8/4/05 14:20
Lab ID: 0508139-04A

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

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
Tetrachlorophenol	ND	1.0	µg/L	1.0	8/9/05	8/11/05
Pentachlorophenol	ND	0.30	µg/L	1.0	8/9/05	8/11/05
Surrogate: Dibromophenol	96.4	69.7-119	% Rec	1.0	8/9/05	8/11/05

Client Sample ID: MW-3B **Received:** 8/4/05 **Collected:** 8/4/05 14:20
Lab ID: 0508139-04B

Test Name: TPH as Stoddard Solvent **Reference:** EPA 5030/GCFID(LUFT)

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPH Stoddard Solvent	ND	50	µg/L	1.0		8/12/05

Client Sample ID: MW-3B **Received:** 8/4/05 **Collected:** 8/4/05 14:20
Lab ID: 0508139-04E

Test Name: TPH as Diesel **Reference:** EPA 3510/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Diesel (C12-C22)	ND	50	µg/L	1.0	8/5/05	8/6/05
Surrogate: N-Tricosane	73.9	70-130	% Rec	1.0	8/5/05	8/6/05

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North Coast Laboratories, Ltd.

Date: 15-Aug-05

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0508139
Project: 002266, Former Simpson Old Eureka Plywood

QC SUMMARY REPORT

Method Blank

Sample ID **MB-8/10/05** Batch ID: **R36350** Test Code: **BTXEW** Units: **µg/L** Analysis Date **8/10/05 10:58:58 PM** Prep Date
Client ID: Run ID: **ORGC8_050810C** SeqNo: **522924**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	0.878	0.10	1.00	0	87.8%	85	115	0			

Sample ID **MB-13989** Batch ID: **13989** Test Code: **PCPTW** Units: **µg/L** Analysis Date **8/11/05 1:23:05 AM** Prep Date **8/9/05**
Client ID: Run ID: **ORGC4_050810A** SeqNo: **523207**

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	4.74	0.10	5.00	0	94.9%	70	119	0			

Sample ID **MB-13973** Batch ID: **13973** Test Code: **SGTPHDW** Units: **µg/L** Analysis Date **8/10/05 5:52:48 PM** Prep Date **8/8/05**
Client ID: Run ID: **ORGC5_050810A** SeqNo: **522350**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	29.51	50									J
N-Tricosane	41.4	0.10	50.0	0	82.9%	70	130	0			

Sample ID **MB-8/10/05** Batch ID: **R36349** Test Code: **TPHCGW** Units: **µg/L** Analysis Date **8/10/05 10:58:58 PM** Prep Date
Client ID: Run ID: **ORGC8_050810B** SeqNo: **522901**

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

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QC SUMMARY REPORT

Method Blank

Sample ID **MB-13964** Batch ID: **13964** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **8/6/05 2:22:44 PM** Prep Date **8/5/05**
Client ID: Run ID: **ORGC7_050806A** SeqNo: **521245**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	ND	50									
N-Tricosane	38.0	0.10	50.0	0	76.0%	70	130	0			

Sample ID **MB-8/12/05** Batch ID: **R36364** Test Code: **TPHSTW** Units: **µg/L** Analysis Date **8/12/05 9:41:48 PM** Prep Date
Client ID: Run ID: **ORGC8_050812A** SeqNo: **523200**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH Stoddard Solvent	21.05	50									J

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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QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-05507** Batch ID: **R36350** Test Code: **BTXEW** Units: **µg/L** Analysis Date **8/10/05 8:03:29 PM** Prep Date
Client ID: Run ID: **ORGC8_050810C** SeqNo: **522922**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	4.770	0.50	5.00	0	95.4%	85	115	0			
Toluene	4.871	0.50	5.00	0	97.4%	85	115	0			
Ethylbenzene	4.902	0.50	5.00	0	98.0%	85	115	0			
m,p-Xylene	9.598	0.50	10.0	0	96.0%	85	115	0			
o-Xylene	4.634	0.50	5.00	0	92.7%	85	115	0			
Cis-1,2-Dichloroethylene	0.901	0.10	1.00	0	90.1%	85	115	0			

Sample ID **LCSD-05507** Batch ID: **R36350** Test Code: **BTXEW** Units: **µg/L** Analysis Date **8/10/05 8:38:35 PM** Prep Date
Client ID: Run ID: **ORGC8_050810C** SeqNo: **522923**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	4.631	0.50	5.00	0	92.6%	85	115	4.77	2.96%	15	
Toluene	4.691	0.50	5.00	0	93.8%	85	115	4.87	3.76%	15	
Ethylbenzene	4.783	0.50	5.00	0	95.7%	85	115	4.90	2.46%	15	
m,p-Xylene	9.371	0.50	10.0	0	93.7%	85	115	9.60	2.39%	15	
o-Xylene	4.538	0.50	5.00	0	90.8%	85	115	4.63	2.08%	15	
Cis-1,2-Dichloroethylene	0.874	0.10	1.00	0	87.4%	85	115	0.901	3.07%	15	

Sample ID **LCS-13989** Batch ID: **13989** Test Code: **PCPTW** Units: **µg/L** Analysis Date **8/11/05 1:46:14 AM** Prep Date **8/9/05**
Client ID: Run ID: **ORGC4_050810A** SeqNo: **523208**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.904	1.0	5.00	0	98.1%	78	111	0			
Pentachlorophenol	1.286	0.30	1.50	0	85.7%	85	132	0			
Dibromophenol	4.91	0.10	5.00	0	98.2%	70	119	0			

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

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Work Order: 0508139
Project: 002266, Former Simpson Old Eureka Plywood

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID **LCSD-13989** Batch ID: **13989** Test Code: **PCPTW** Units: **µg/L** Analysis Date **8/11/05 2:09:25 AM** Prep Date **8/9/05**
Client ID: Run ID: **ORGC4_050810A** SeqNo: **523209**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachlorophenol	4.779	1.0	5.00	0	95.6%	78	111	4.90	2.58%	15	
Pentachlorophenol	1.257	0.30	1.50	0	83.8%	85	132	1.29	2.29%	15	S
Dibromophenol	4.68	0.10	5.00	0	93.6%	70	119	4.91	4.80%	15	

Sample ID **LCS-13973** Batch ID: **13973** Test Code: **SGTPHDW** Units: **µg/L** Analysis Date **8/10/05 4:00:22 PM** Prep Date **8/8/05**
Client ID: Run ID: **ORGC5_050810A** SeqNo: **522348**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	343.2	50	500	0	68.6%	40	107	0			
N-Tricosane	44.4	0.10	50.0	0	88.9%	70	130	0			

Sample ID **LCSD-13973** Batch ID: **13973** Test Code: **SGTPHDW** Units: **µg/L** Analysis Date **8/10/05 4:28:18 PM** Prep Date **8/8/05**
Client ID: Run ID: **ORGC5_050810A** SeqNo: **522349**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	332.5	50	500	0	66.5%	40	107	343	3.17%	15	
N-Tricosane	42.5	0.10	50.0	0	85.1%	70	130	44.4	4.35%	15	

Sample ID **LCS-05508** Batch ID: **R36349** Test Code: **TPHCGW** Units: **µg/L** Analysis Date **8/10/05 9:13:35 PM** Prep Date
Client ID: Run ID: **ORGC8_050810B** SeqNo: **522899**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6-C14)	515.8	50	500	0	103%	81	126	0			

Sample ID **LCSD-05508** Batch ID: **R36349** Test Code: **TPHCGW** Units: **µg/L** Analysis Date **8/10/05 9:48:43 PM** Prep Date
Client ID: Run ID: **ORGC8_050810B** SeqNo: **522900**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6-C14)	504.9	50	500	0	101%	81	126	516	2.14%	15	

Qualifiers: ND - Not Detected at the Reporting Limit; S - Spike Recovery outside accepted recovery limits; B - Analyte detected in the associated Method Blank; J - Analyte detected below quantitation limits; R - RPD outside accepted recovery limits

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CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0508139
Project: 002266, Former Simpson Old Eureka Plywood

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID **LCS-13964** Batch ID: **13964** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **8/6/05 12:21:49 PM** Prep Date **8/5/05**
Client ID: Run ID: **ORGC7_050806A** SeqNo: **521242**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	528.1	50	500	0	106%	67	120	0			
N-Tricosane	45.4	0.10	50.0	0	90.8%	70	130	0			

Sample ID **LCSD-13964** Batch ID: **13964** Test Code: **TPHDIW** Units: **µg/L** Analysis Date **8/6/05 12:41:56 PM** Prep Date **8/5/05**
Client ID: Run ID: **ORGC7_050806A** SeqNo: **521243**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Diesel (C12-C22)	535.9	50	500	0	107%	67	120	528	1.45%	15	
N-Tricosane	48.0	0.10	50.0	0	96.0%	70	130	45.4	5.60%	15	

Sample ID **LCS-05513** Batch ID: **R36364** Test Code: **TPHSTW** Units: **µg/L** Analysis Date **8/12/05 6:45:41 PM** Prep Date
Client ID: Run ID: **ORGC8_050812A** SeqNo: **523197**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH Stoddard Solvent	533.3	50	500	0	107%	77	144	0			

Sample ID **LCSD-05513** Batch ID: **R36364** Test Code: **TPHSTW** Units: **µg/L** Analysis Date **8/12/05 7:21:05 PM** Prep Date
Client ID: Run ID: **ORGC8_050812A** SeqNo: **523198**

Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH Stoddard Solvent	521.6	50	500	0	104%	77	144	533	2.23%	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

0508139

LABORATORY NUMBER:

Attention: Erik Nielson
Results & Invoice to: SHN
Address: 812 West Wabash Avenue
Eureka, CA 95501
Phone: 441-8855
Copies of Report to:
Sampler (Sign & Print): Daniel R. Paine David R. Paine

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 Simpson Old Eureka Plywood
Purchase Order Number:

LAB ID	SAMPLE ID	DATE	TIME	MATRIX*	TPH G/BTEX	TPH-Mineral Spirits	TPHD Silica g'el	PCP/TCP Canadian Pulp	PAH by 8270
	mw-01A	8/4/05	1150	GW	X				
	mw-2B	↓	1250	↓				X	
	mw-1B	↓	1330	↓		X	X	X	X
	mw-3B	↓	1420	↓		X	X	X	X

ANALYSIS / CONTAINER / PRESERVATIVE

	TPH G/BTEX	TPH-Mineral Spirits	TPHD Silica g'el	PCP/TCP Canadian Pulp	PAH by 8270
CONTAINER	9	9	7	10	7
PRESERVATIVE	6	6			

SAMPLE CONDITION/SPECIAL INSTRUCTIONS

EDF
Global ID# T060 2300095
No MTBE on report
cooler temp = 12.7C

RELINQUISHED BY (Sign & Print)	DATE/TIME	RECEIVED BY (Sign)	DATE/TIME
Daniel R. Paine David R. Paine	1504 8/4/05	K. Thompson	8/4/05 1510

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