



# ENVIRONMENTAL AUDIT, INC.

1000-A ORTEGA WAY • PLACENTIA, CA 92670-7125

714/632-8521 • FAX: 714/632-6754

*if E7 in B-5 or B-10 increase over 2 qtrs,  
then resume GW extraction*

September 26, 1995

Project No. 1233

Ms. Eva Chu  
Hazardous Materials Specialist  
Alameda County Health Care Services  
Department of Environmental Health  
Environmental Protection Division  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577

**RE: THIRD QUARTER 1995 GROUND WATER MONITORING REPORT  
Montgomery Ward Auto Service Center  
7575 Dublin Boulevard, Dublin, California**

ENVIRONMENTAL  
PROTECTION  
95 SEP 28 PM 11:44

Dear Ms. Chu:

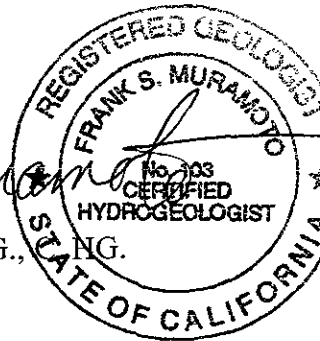
Enclosed herewith are two copies of our report entitled, "Ground Water Monitoring Report, Third Quarter 1995, Montgomery Ward Auto Service Center, 7575 Dublin Boulevard, Dublin, California," dated September 26, 1995.

Please call the undersigned if you have any questions or need additional information.

Sincerely,

ENVIRONMENTAL AUDIT, INC.

John R. Cimbricz  
Environmental Specialist

  
Frank S. Muramoto, R.G.,  
Senior Geologist

JRC:FSM:SAB:jc

enclosure

cc: C. West, Montgomery Ward (w/enclosure)  
G. Jonas, Montgomery Ward (w/enclosure)  
M. Gilmartin, Straw & Gilmartin (w/enclosure)  
R. Enea, Enea Properties (w/enclosure)

JRC WORD 1233M95C

**QUARTERLY GROUND WATER  
MONITORING REPORT**

**Third Quarter 1995  
Montgomery Ward Auto Service Center  
7575 Dublin Boulevard  
Dublin, California**

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**September 26, 1995**

**Project No. 1233**

*Prepared for:*

**Montgomery Ward & Co. Incorporated  
39201 Fremont Boulevard  
Fremont, CA 94538**

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**ENVIRONMENTAL AUDIT, INC. ®**

**Planning, Environmental Analyses and Hazardous  
Substances Management and Remediation**

**1000-A ORTEGA WAY  
PLACENTIA, CA 92670-7125  
714/632-8521**

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JRC WORD-1233M95C

## 1.0 INTRODUCTION

This document constitutes the third quarter 1995 ground water monitoring report for the Montgomery Ward Auto Service Center property located at 7575 Dublin Boulevard, Dublin, California (see Figure 1). The quarterly ground water monitoring activities are conducted during the first month of each calendar quarter, i.e., in January, April, July, and October.

A ground water extraction and treatment system (System) is operated at the site. Ground water is being extracted from well B-12 (see Figure 2). All other wells associated with the site function as monitoring wells at this time. Wells MW-100, MW-101 and MW-102 were installed in May 1993, pursuant to a request by the Alameda County Department of Environmental Health (County), and were subsequently included in the quarterly ground water monitoring.

As requested by the County, ground water monitoring wells MW-1 through MW-4 at the Enea Properties site (Enea Properties), located immediately south of the intersection of Amador Plaza Road and Dublin Boulevard, were gauged and sampled as part of the quarterly monitoring activities. Wells PZ-1 and EW-1 associated with the Enea Properties were not sampled since these wells are located within ten feet of monitoring well MW-1.

## 2.0 FIELD INVESTIGATION

### 2.1 GROUND WATER ELEVATION SURVEY

On July 27, 1995, Environmental Audit, Inc. obtained ground water depth measurements from the wells associated with the site and the Enea Properties using an Oil Recovery Systems' interface probe accurate to 0.01 feet. No free-product was detected in the wells during gauging activities. The measured water levels were converted to elevations relative to mean sea level (MSL) datum by subtracting the measured water level for each well from the ground level datum (see Table 1). Ground water elevation data obtained from the wells were used to construct a ground water elevation map (see Figure 2).

### 2.2 GROUND WATER AND EFFLUENT SAMPLING

On July 27 and 28, 1995, ground water samples were obtained from the wells for analytical testing. Prior to sampling, all wells except extraction well B-12 were purged using a Whale Supersub 921 submersible pump. Purging activities continued until the temperature, conductivity and pH of the extracted water had stabilized (see Appendix A).

Purging of well B-12 prior to sampling was unnecessary since the System was active during sampling of this well. All wells were sampled in the order that purging activities were completed. Well B-12 was sampled before all other wells were sampled. The water samples were collected from just below the water surface using Voss Technologies disposable bottom bailers equipped with volatile organic compound samplers. Use of these bailers precludes the potential for cross-contamination. A treated effluent sample was obtained from the sampling port located downstream of the two 180-pound carbon treatment units. The water samples were sealed in two 40-milliliter (ml) VOA vials with Teflon septa lined lids and in one-liter plastic bottles. The containers were completely filled so that no head space existed between the samples and the lids. The samples were labeled with the sample point identification, date, time and EAI project number, and immediately placed into an ice chest, chilled using ice. The samples were

chilled until delivered to the laboratory for analytical testing. All samples were logged on chain of custody record forms (see Appendix B).

### 2.3 SAMPLING EQUIPMENT CLEANING PROTOCOL

The submersible pump and hose (Equipment) used to purge the wells prior to sampling was decontaminated between each purging activity using the following procedure: 1) the Equipment was flushed in a solution of Alconox detergent and tap water; and 2) the Equipment was flushed with tap water.

### 2.4 EFFLUENT HANDLING

All effluent generated during purging, sampling and equipment decontamination activities was temporarily stored in seven 55-gallon drums which were then emptied into the System for treatment and subsequent discharge into the sanitary sewerage system.

## 3.0 ANALYTICAL TESTING

All samples were delivered for analytical testing to BC Analytical, a state certified hazardous waste testing laboratory (Certificate No. 1353) located in Concord, California. The samples were tested for total petroleum hydrocarbons as gasoline (TPH-G) using modified EPA Method 8015, benzene, toluene, xylenes and ethylbenzene (BTXE) using EPA Method 8020, and total lead using EPA Method 7420. The results of the testing are shown in Table 2 along with the results from previous period's testing. The laboratory reports are contained in Appendix C.

## 4.0 SYSTEM OPERATION/MAINTENANCE

During the second quarter 1995, the ground water treatment system was inspected and routine maintenance of the system was undertaken once every two weeks or more often if required.

Table 3 presents the effluent flowmeter reading for the period from April 15, 1994 through July 28, 1995. Approximately 308,790 gallons of treated ground water were discharged into the Dublin-San Ramon Water Services District sanitary sewerage system during the April 21, 1995 through July 28, 1995 period. This discharge volume computes into an average ground water extraction rate during the second quarter of approximately 2.14 gallons per minute.

During the April 21 through July 28, 1995 period, approximately 25.75 pounds of TPH-G and 0.28 pounds of benzene extracted and treated by the ground water remediation system.

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## 5.0 LIMITATION

Our professional services have been performed using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable environmental consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional advice contained in this report.

JRC:FSM:SAB

JRC WORD 1233M95C

# TABLES

**TABLE 1**  
**GROUND WATER ELEVATIONS**

Montgomery Ward Auto Service Center  
Enea Properties  
Dublin, California

Date Measured	Elevation of top surface of PVC well casing (feet MSL)	Measured depth to ground water (feet bgs)	Measured depth to Product	Product Thickness	Ground water elevation (feet MSL)
<b>B-5</b>					
	340.05				
04/16/92		10.62	-	0.00	329.43
07/24/92		11.91	-	0.00	328.14
10/22/92		12.97	-	0.00	327.08
01/15/93		12.97	-	0.00	327.08
04/15/93		09.75	-	0.00	330.30
05/14/93		10.07	-	0.00	329.98
07/14/93		10.80	-	0.00	329.25
10/14/93		12.08	-	0.00	327.97
01/13/94		12.23	-	0.00	327.82
04/04/94		11.30	-	0.00	328.75
07/05/94		12.37	-	0.00	327.68
10/04/94		13.04	-	0.00	327.01
01/18/95		10.43	-	0.00	329.62
04/20/95		09.70	-	0.00	330.35
07/27/95		10.85	-	0.00	329.20
<b>B-10</b>					
	339.70				
04/16/92		10.32	-	0.00	329.38
07/24/92		11.69	-	0.00	328.01
10/22/92		12.67	-	0.00	327.03
01/15/93		09.48	-	0.00	330.22
04/15/93		09.49	-	0.00	330.21
05/14/93		09.87	-	0.00	329.83
07/14/93		10.64	-	0.00	329.06
10/14/93		11.80	-	0.00	327.90
01/13/94		11.94	-	0.00	327.76
04/04/94		11.00	-	0.00	328.70
07/05/94		12.08	-	0.00	327.62
10/04/94		12.69	-	0.00	327.01
01/18/95		09.89	-	0.00	329.81
04/20/95		09.40	-	0.00	330.30
07/27/95		10.55	-	0.00	329.15
<b>B-12</b>					
	339.10				
04/16/92		09.95	-	0.00	329.15
07/24/92		11.57	-	0.00	327.53
10/22/92		12.82	-	0.00	326.28
01/15/93		08.66	-	0.00	330.44



**TABLE 1**  
**GROUND WATER ELEVATIONS**

Montgomery Ward Auto Service Center  
Enea Properties  
Dublin, California

Page 2 of 5

Date Measured	Elevation of top surface of PVC well casing (feet MSL)	Measured depth to ground water (feet bgs)	Measured depth to Product	Product Thickness	Ground water elevation (feet MSL)
04/15/93		08.70	-	0.00	330.40
05/14/93		09.32	-	0.00	329.78
07/14/93		09.95	-	0.00	329.15
10/14/93		10.94	-	0.00	328.16
01/13/94		11.28	-	0.00	327.82
04/04/94		10.32	-	0.00	328.78
07/05/94		19.25	-	0.00	319.85
10/04/94		19.27	-	0.00	319.83
01/18/95		10.99	-	0.00	328.11
04/20/95		08.60	-	0.00	330.50
07/27/95		14.62	-	0.00	324.48
<b>B-15</b>					
	340.62				
04/16/92		11.09	-	0.00	329.53
07/24/92		12.33	-	0.00	328.29
10/22/92		13.25	-	0.00	327.37
01/15/93		10.22	-	0.00	330.40
04/15/93		10.26	-	0.00	330.36
05/14/93		10.64	-	0.00	329.98
07/14/93		11.35	-	0.00	329.27
10/14/93		12.41	-	0.00	328.21
01/13/94		12.59	-	0.00	328.03
04/04/94		11.74	-	0.00	328.88
07/05/94		12.86	-	0.00	327.76
10/04/94		13.35	-	0.00	327.27
01/18/95		10.71	-	0.00	329.91
04/20/95		10.15	-	0.00	330.47
07/27/95		11.30	-	0.00	329.32
<b>B-16</b>					
	339.82				
04/16/92		10.63	-	0.00	329.19
07/24/92		11.90	-	0.00	327.92
10/22/92		12.88	-	0.00	326.94
01/15/93		09.79	-	0.00	330.03
04/15/93		09.83	-	0.00	329.99
05/14/93		10.20	-	0.00	329.62
07/14/93		10.92	-	0.00	328.90
10/14/93		11.99	-	0.00	327.83
01/13/94		12.16	-	0.00	327.66
04/04/94		11.28	-	0.00	328.54

**TABLE 1**  
**GROUND WATER ELEVATIONS**  
 Montgomery Ward Auto Service Center  
 Enea Properties  
 Dublin, California

Date Measured	Elevation of top surface of PVC well casing (feet MSL)	Measured depth to ground water (feet bgs)	Measured depth to Product	Product Thickness	Ground water elevation (feet MSL)
07/05/94		12.28	-	0.00	327.54
10/04/94		12.89	-	0.00	326.93
01/18/95		10.21	-	0.00	329.61
04/20/95		09.79	-	0.00	330.03
07/27/95		10.85	-	0.00	328.97
<b>MW-100</b>					
	339.61				
05/14/93		10.34	-	0.00	329.27
07/14/93		11.00	-	0.00	328.61
10/14/93		12.12	-	0.00	327.49
01/13/94		12.25	-	0.00	327.36
04/04/94		11.36	-	0.00	328.25
07/05/94		12.22	-	0.00	327.39
10/04/94		12.88	-	0.00	326.73
01/18/95		10.27	-	0.00	329.34
04/20/95		10.00	-	0.00	329.61
07/27/95		10.91	-	0.00	328.70
<b>MW-101</b>					
	338.54				
05/14/93		09.91	-	0.00	328.63
07/14/93		10.38	-	0.00	328.16
10/14/93		11.30	-	0.00	327.24
01/13/94		11.21	-	0.00	327.33
04/04/94		10.69	-	0.00	327.85
07/05/94		11.39	-	0.00	327.15
10/04/94		11.98	-	0.00	326.56
01/18/95		09.84	-	0.00	328.70
04/20/95		09.61	-	0.00	328.93
07/27/95		10.27	-	0.00	328.27
<b>MW-102</b>					
	339.23				
05/14/93		09.60	-	0.00	329.63
07/14/93		10.31	-	0.00	328.92
10/14/93		11.57	-	0.00	327.66
01/13/94		11.71	-	0.00	327.52
04/04/94		10.83	-	0.00	328.40
07/05/94		11.65	-	0.00	327.96
10/04/94		12.36	-	0.00	326.87
01/18/95		09.59	-	0.00	329.64

**TABLE 1**  
**GROUND WATER ELEVATIONS**

Montgomery Ward Auto Service Center  
Enea Properties  
Dublin, California

Date Measured	Elevation of top surface of PVC well casing (feet MSL)	Measured depth to ground water (feet bgs)	Measured depth to Product	Product Thickness	Ground water elevation (feet MSL)
04/20/95		09.27	-	0.00	329.96
07/27/95		10.22	-	0.00	329.01
<b>ENE A MW-1</b>					
	335.84				
10/14/93		09.05	-	0.00	326.79
01/13/94		NM	-	0.00	NM
04/04/94		08.36	-	0.00	327.48
07/05/94		09.04	-	0.00	326.80
10/04/94		09.66	-	0.00	326.18
01/18/95		07.53	-	0.00	328.31
04/20/95		07.41	-	0.00	328.43
07/27/95		08.03	-	0.00	327.81
<b>ENE A MW-2</b>					
	335.61				
10/14/93		08.90	-	0.00	326.71
01/13/94		NM	-	0.00	NM
04/04/94		08.05	-	0.00	327.56
07/05/94		08.84	-	0.00	326.77
10/04/94		09.59	-	0.00	326.02
01/18/95		07.01	-	0.00	328.60
04/20/95		06.85	-	0.00	328.76
07/27/95		07.65	-	0.00	327.96
<b>ENE A MW-3</b>					
	336.93				
10/14/93		09.89	-	0.00	327.84
01/13/94		NM	-	0.00	NM
04/04/94		09.19	-	0.00	327.74
07/05/94		09.92	-	0.00	327.01
10/04/94		10.56	-	0.00	326.37
01/18/95		08.26	-	0.00	328.67
04/20/95		08.09	-	0.00	328.84
07/27/95		08.81	-	0.00	328.12
<b>ENE A MW-4</b>					
	335.76				
10/14/93		NI	-	0.00	NI
01/13/94		NM	-	0.00	NM
04/04/94		08.55	-	0.00	327.21
07/05/94		09.15	-	0.00	326.61

**TABLE 1**  
**GROUND WATER ELEVATIONS**

Montgomery Ward Auto Service Center  
Enea Properties  
Dublin, California

Date Measured	Elevation of top surface of PVC well casing (feet MSL)	Measured depth to ground water (feet bgs)	Measured depth to Product	Product Thickness	Ground water elevation (feet MSL)
10/04/94		09.77	-	0.00	325.99
01/18/95		07.79	-	0.00	327.97
04/20/95		07.72	-	0.00	328.04
07/27/95		08.24	-	0.00	327.52
<b>ENEAW-1</b>					
	336.08				
10/14/93		NI	-	0.00	NI
01/13/94		NM	-	0.00	NM
04/04/94		08.62	-	0.00	327.46
07/05/94		09.28	-	0.00	326.80
10/04/94		09.89	-	0.00	326.19
01/18/95		07.76	-	0.00	328.32
04/20/95		07.66	-	0.00	328.42
07/27/95		08.27	-	0.00	327.81
<b>NOTES:</b>					
NI	Not installed, NM - Not measured				
MSL	Mean Sea Level				
bgs	below ground surface				
Depth to water is as measured from the cut notch at the top side of each PVC well casing.					
The elevations of all wells were surveyed in October 1993 to City of Dublin Benchmark No. DUB-680 (elevation=331.60 MSL), located along Dublin Boulevard, 0.60 miles easterly from San Ramon Road.					
All depth to water measurements were converted to MSL elevations using well casing elevation datum surveyed on 10/14/93.					
Wells B-5, B-12, B-15, B-16, MW-100, MW-101 and MW-102 are owned by Montgomery Ward and are associated with 7575 Dublin Blvd.					
Wells MW-1, MW-2, MW-3, MW-4 and EW-1 are owned by Enea Properties and are located at Amador Plaza Road and Dublin Boulevard.					
DTP:1233:ELEV.XLS					

**TABLE 2**

**ANALYTICAL TESTING RESULTS**

Montgomery Ward Auto Service Center

ENE Properties

Dublin, California

Parts per billion (ppb)

Page 1 of 4

Compounds	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
<b>Well B-5</b>						
04-16-92	4400	670	160	280	320	ND
07-24-92	31000	5400	2600	2200	5800	ND
10-22-92	9100	1100	190	520	740	ND
01-15-93	2300	530	160	300	470	7.9
04-15-93	4900	600	160	470	390	ND
07-14-93	8800	590	210	840	1100	9.9
10-14-93	4500	530	46	490	350	ND
01-13-94	120	15	1.9	12	11	ND
04-04-94	5700	450	39	350	400	ND
07-05-94	2200	69	13	150	95	ND
10-03-94	4700	190	38	510	570	ND
01-18-95	2200	53	27	120	280	ND
04-21-95	5800	90	74	300	910	4.0
07-28-95	2600	57	26	190	570	2.5
<b>Well B-10</b>						
04-16-92	7300	1400	640	880	1100	ND
07-24-92	27000	3800	1600	2000	4000	ND
10-22-92	16000	2300	340	1100	1200	ND
01-15-93	10000	1400	310	730	1100	13
04-15-93	8100	580	270	810	580	19
07-14-93	6400	840	120	750	800	7.1
10-14-93	100000	720	120	930	1100	ND
01-13-94	18000	990	180	1300	2400	ND
04-04-94	12000	370	96	900	1800	ND
07-05-94	7800	170	50	550	810	ND
10-03-94	6300	120	33	480	630	ND
01-18-95	3300	38	28	160	450	2.9
04-21-95	4200	39	8.6	220	310	ND
07-28-95	2900	22	4.3	140	330	2.0
<b>Well B-12</b>						
04-16-92	12000	1300	1100	510	1200	ND
07-24-92	12000	1000	630	520	1000	ND
10-22-92	11000	370	230	400	940	ND
01-15-93	120	2.8	ND	1.6	3.6	11
04-15-93	7100	730	240	350	570	ND
07-14-93	4500	540	97	380	610	ND
10-14-93	11000	710	170	650	1600	ND
01-13-94	6000	330	100	330	620	24
04-04-94	8700	350	58	350	660	ND
07-05-94	8800	250	340	370	920	ND
10-03-94	1300	63	42	110	140	ND
01-18-95	5000	93	65	190	510	ND

**TABLE 2**

**ANALYTICAL TESTING RESULTS**

Montgomery Ward Auto Service Center

ENE Properties

Dublin, California

Parts per billion (ppb)

Page 2 of 4

Compounds	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
04-21-95	14000	190	320	420	1500	ND
07-28-95	10000	110	120	490	1500	ND
<b>Well B-15</b>						
04-16-92	65	4.4	2.4	6.1	2.8	ND
07-24-92	ND	3.6	1.5	3.1	1.6	ND
10-22-92	ND	1.7	0.89	0.78	0.88	ND
01-15-93	ND	ND	ND	ND	ND	13
04-15-93	ND	2.8	ND	3.0	1.5	ND
07-14-93	ND	ND	ND	0.57	0.74	7.8
10-14-93	ND	0.96	2.6	1.3	3.6	25
01-13-94	ND	ND	0.92	0.70	2	ND
04-04-94	ND	ND	ND	0.56	1	ND
07-05-94	ND	ND	ND	ND	ND	ND
10-03-94	ND	ND	ND	ND	ND	ND
01-18-95	ND	ND	0.69	ND	2.2	ND
04-21-95	ND	ND	1.0	ND	2.5	ND
07-28-95	ND	ND	ND	ND	ND	ND
<b>Well B-16</b>						
04-16-92	1300	390	1.7	35	9.3	ND
07-24-92	1600	120	5.7	120	410	ND
10-22-92	1000	76	ND	55	130	ND
01-15-93	160	6.5	0.86	2.3	2.6	5.5
04-15-93	300	65	ND	13	2	ND
07-14-93	170	5.9	ND	4.6	12	ND
10-14-93	390	11	2.4	16	45	21
01-13-94	350	8.7	0.62	25	68	ND
04-04-94	550	8.7	ND	35	81	ND
07-05-94	850	14	5.6	52	130	ND
10-03-94	210	5.3	ND	26	5.8	ND
01-18-95	ND	ND	0.94	ND	1.3	2.7
04-21-95	ND	ND	0.66	ND	ND	ND
07-28-95	57	0.71	ND	1.6	2.6	ND
<b>Well MW-100</b>						
05-13-93	13000	83	ND	960	820	NA
07-14-93	13000	32	ND	1400	790	8
10-14-93	7500	48	16	900	520	22
01-13-94	7000	51	ND	590	330	ND
04-04-94	9800	69	ND	540	410	ND
07-05-94	5900	31	8.7	190	190	ND
10-03-94	3900	ND	ND	220	200	ND
01-18-95	3700	48	31	190	120	2.8
04-21-95	3100	10	ND	130	44	ND
07-28-95	3300	ND	ND	100	42	ND

**TABLE 2**

**ANALYTICAL TESTING RESULTS**

Montgomery Ward Auto Service Center  
 ENEA Properties  
 Dublin, California  
 Parts per billion (ppb)

Compounds	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
<b>Well MW-101</b>						
05-13-93	ND	ND	ND	ND	ND	NA
07-14-93	ND	ND	ND	ND	ND	11
10-14-93	ND	0.65	0.89	ND	1.1	ND
01-13-94	ND	ND	ND	ND	ND	28
04-04-94	ND	ND	ND	ND	ND	ND
07-05-94	ND	ND	ND	ND	ND	ND
10-03-94	ND	ND	ND	ND	ND	ND
01-18-95	ND	ND	ND	ND	ND	2.6
04-21-95	ND	ND	ND	ND	ND	ND
07-28-95	ND	ND	ND	ND	ND	ND
<b>Well MW-102</b>						
05-13-93	3600	17	ND	130	63	NA
07-14-93	1500	13	ND	64	4.9	ND
10-14-93	24000	9.6	5.2	60	60	ND
01-13-94	2000	22	ND	26	55	ND
04-04-94	2100	16	2.5	15	35	ND
07-05-94	1300	7	2.9	10	23	ND
10-03-94	620	5.1	ND	5.2	11	ND
01-18-95	440	ND	ND	3.0	5.3	3.7
04-21-95	250	ND	0.78	0.96	0.63	ND
07-28-95	140	ND	ND	ND	0.70	ND
<b>EFFLUENT</b>						
04-15-93	ND	ND	ND	ND	ND	ND
07-14-93	ND	ND	ND	ND	ND	ND
10-14-93	ND	ND	ND	ND	0.97	48
01-13-94	ND	ND	ND	ND	ND	ND
04-04-94	ND	ND	ND	ND	ND	33
07-05-94	ND	ND	ND	ND	ND	ND
10-03-94	ND	ND	ND	ND	ND	ND
01-18-95	ND	ND	ND	ND	ND	ND
04-21-95	ND	1.0	ND	ND	ND	ND
07-28-95	ND	ND	ND	ND	1.5	ND
<b>ENEA MW-1</b>						
10-14-93	5700	76	19	160	460	ND
04-04-94	7000	27	ND	260	49	ND
07-05-94	5100	23	ND	260	50	ND
10-03-94	4400	8.1	ND	170	50	ND
01-18-95	2000	7.1	2.4	47	5.5	2.2
04-21-95	1400	2.9	9.0	22	1.2	5.8
07-28-95	1100	ND	ND	14	1.4	ND

## TABLE 2

### ANALYTICAL TESTING RESULTS

Montgomery Ward Auto Service Center  
 ENEA Properties  
 Dublin, California  
 Parts per billion (ppb)

Page 4 of 4

Compounds	TPH-G	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
<b>ENE A MW-2</b>						
10-14-93	ND	ND	ND	1.1	0.71	21
04-04-94	ND	ND	ND	ND	ND	21
07-05-94	ND	ND	ND	ND	ND	ND
10-03-94	590	1.1	ND	22	6.5	ND
01-18-95	ND	ND	ND	ND	ND	2.4
04-21-95	ND	ND	ND	ND	ND	ND
07-28-95	ND	ND	ND	ND	0.57	ND
<b>ENE A MW-3</b>						
10-14-93	2600	26	30	100	130	ND
04-04-94	2600	13	3.4	90	140	ND
07-05-94	3400	15	5	31	48	ND
10-03-94	1400	6.3	ND	31	36	ND
01-18-95	2300	5.1	1.6	2.9	18	2.1
04-21-95	1900	5.3	ND	7.5	4.2	ND
07-28-95	1400	ND	ND	5.5	1.5	ND
<b>ENE A MW-4</b>						
04-04-94	ND	ND	ND	ND	ND	23
07-05-94	ND	ND	0.5	ND	0.62	ND
10-03-94	ND	ND	ND	ND	ND	ND
01-18-95	ND	ND	0.87	ND	ND	7.2
04-21-95	ND	ND	1.7	ND	ND	2.8
07-28-95	ND	ND	ND	ND	ND	2.9

**NOTE:**

In July 28, 1995 sampling, the Methyl-tert-butylether level was 55 ppb in Well B-10, 10 ppb in Well ENE A MW-1, 11 ppb in Well ENE A MW-3 and not detected in other wells.

ND Not Detected  
 NA Not Analyzed

DTP 1233 ANALYTIC DOC



TABLE 3

FLOW METER READINGS  
 Montgomery Ward Auto Service Center  
 Dublin, California

Page 1 of 2

DATE	FLOW METER READING (in gallons)	AVERAGE GPM
04/15/94	402,210	
04/22/94	458,320	5.57
04/26/94	488,950	5.32
05/03/94	491,750	0.28
05/20/94	639,200	6.02
06/03/94	759,790	5.98
06/29/94	941,580	4.86
07/06/94	999,750	5.77
07/12/94	999,906	0.02
07/19/94	1,006,600	0.66
07/22/94	1,032,828	6.07
08/02/94	1,102,920	4.43
08/11/94	1,169,050	5.10
08/18/94	1,226,910	5.74
09/02/94	1,284,880	2.68
09/16/94	1,349,350	3.20
09/30/94	1,390,510	2.04
10/04/94	1,419,110	4.97
10/14/94	1,471,530	3.64
10/16/94	1,482,270	3.73
10/21/94	1,504,630	3.11
11/09/94	1,607,260	3.75
11/18/94	1,659,920	4.06
12/02/94	1,746,840	4.31
12/16/94	1,844,050	4.82
01/03/95	1,913,930	2.70
01/18/95	1,994,670	3.74
01/19/95	1,997,480	1.95
02/04/95	1,997,480	0.00
02/18/95	2,065,120	3.36
02/24/95	2,113,210	5.57
03/04/95	2,160,520	4.11
03/14/95	2,216,350	3.88
03/25/95	2,263,180	2.96
04/04/95	2,322,830	4.14
04/14/95	2,361,020	2.65
04/20/95	2,361,020	0.00
04/21/95	2,367,000	4.15
04/28/95	2,395,430	2.82

TABLE 3

FLOW METER READINGS  
Montgomery Ward Auto Service Center  
Dublin, California

Page 2 of 2

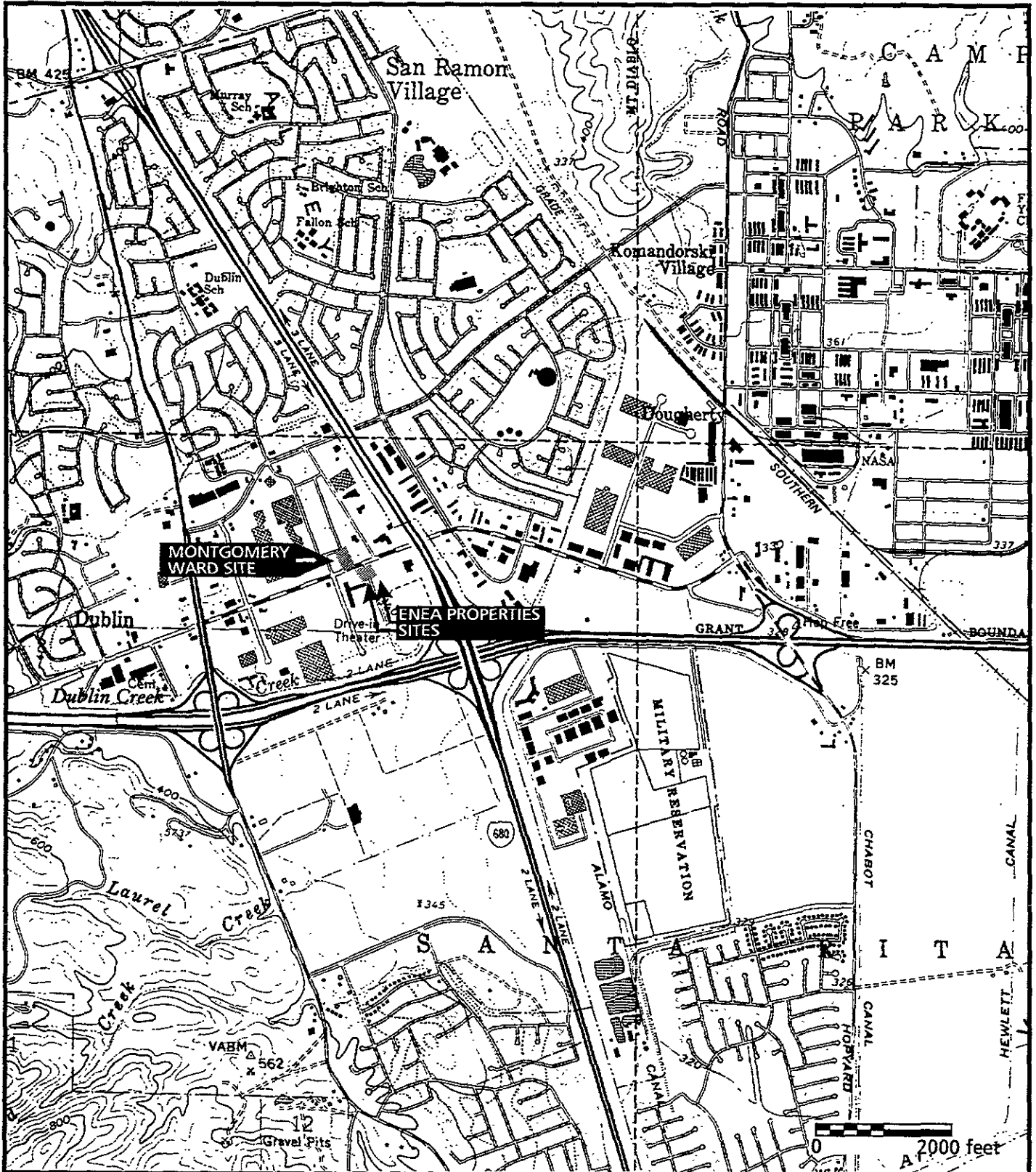
DATE	FLOW METER READING (in gallons)	AVERAGE GPM
05/06/95	2,422,520	2.35
05/19/95	2,472,180	2.65
06/02/95	2,508,060	1.78
06/15/95	2,539,020	1.65
06/22/95	2,580,488	4.11
07/14/95	2,640,660	1.90
07/28/95	2,675,790	1.74
		3.37

VOLUME SINCE 04/15/1994 = 2,273,580 Gal

GPM – Gallons per minute

LOTUS123:1233FLOW

# FIGURES



**Environmental Audit, Inc.**

**LOCATION MAP**  
**Montgomery Ward Auto Service Center**  
**Enea Properties**  
**Dublin, California**





SOURCE: USGS TOPOGRAPHIC 7.5 MINUTE SERIES  
 DUBLIN, CALIFORNIA QUADRANGLE

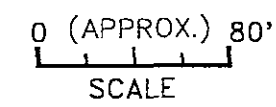
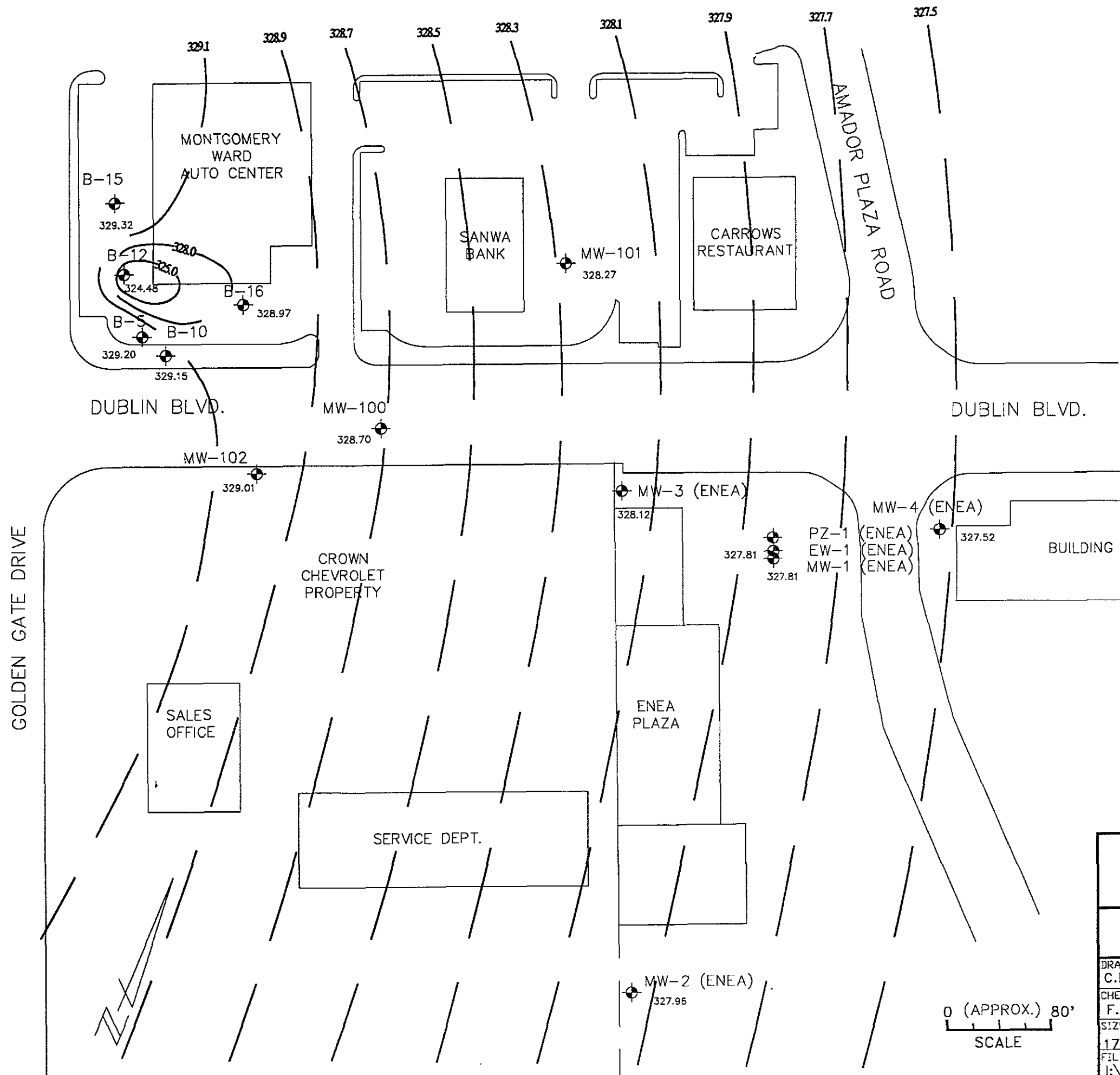
Figure 1


Project No. 1233  
 KA1233/1233-L.M.CDR

**EXPLANATION:**

- MW-1  327.52 GROUND WATER MONITORING WELL LOCATION/GROUND WATER ELEVATION IN FEET MEAN SEA LEVEL
-  GROUND WATER ELEVATION CONTOUR (DASHED WHERE APPROXIMATE) CONTOUR INTERVAL = 0.20 FEET

- All wells surveyed to the city of Dublin Benchmark No DUB-680 (elevation = 331.60 feet MSL)
- Wells MW-1, MW-2, MW-3, PZ-1 & EW-1 belong to ENEA Properties.
- NM - Not Measured



 <b>ENVIRONMENTAL AUDIT, INC.</b> 1000-A ORTEGA WAY • PLACENTIA, CA 92670-7125 714/632-8521 • FAX: 714/632-6754	
<b>GROUND WATER ELEVATION MAP</b> JULY 29, 1995	
DRAWN BY C.P.D.	DATE CREATED 10/29/93
CHECKED F.S.M.	LAST REV 09/25/95
SIZE 17 x 11	FIGURE 2
FILE NAME I:\MONTGOM\08\14308001	
<b>MONTGOMERY WARD          AUTO SERVICE CENTER          7575 DUBLIN BOULEVARD          DUBLIN, CALIFORNIA</b>	

# APPENDICES

# APPENDIX A

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521  
 FAX (714) 632 - 6754

DATE:	07/27/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	B-5
WELL DIAMETER (INCHES):	2"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:

TOTAL DEPTH OF WELL (ft.) 21.23 — DEPTH TO WATER LEVEL (ft. bgs) 10.85 — DEPTH TO FREE PRODUCT (ft. bgs) —

WELL CASING ID (inches)	VOLUME FACTOR
<u>2.0</u>	<u>0.16</u>
4.0	0.65
6.0	1.47

$$\frac{21.23 - 10.85}{2.0} \times 0.16 = 1.66$$

ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START 13:05 STOP 13:11

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Whale Supersib 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
1.5	89.3	1.26 x 10 <sup>3</sup>	6.68	138.0	
3	81.1	1.07 x 10 <sup>3</sup>	6.62	32.6	
4.5	74.3	1.04 x 10 <sup>3</sup>	6.50	12.48	
6.0	73.1	1.05 x 10 <sup>3</sup>	6.44	8.57	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 16:15

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Voss Technologies Disposable

COMMENTS: \_\_\_\_\_



# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

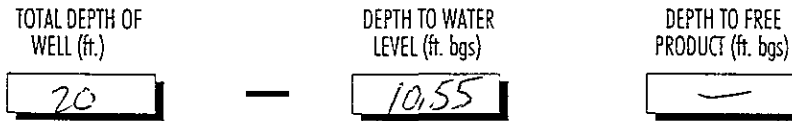
Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521 FAX (714) 632 - 6754

DATE:	07/27 /95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	6-10
WELL DIAMETER (INCHES):	2"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
4.0	0.65
6.0	1.47

9.45 x .16 = 1.51  
 ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START 13:18 STOP 13:23

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Whale Supersub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
1.5	74.0	1.04 x 10 <sup>3</sup>	6.31	61.8	
3	72.3	1.02 x 10 <sup>3</sup>	6.29	41.8	
4.5	72.6	1.00 x 10 <sup>3</sup>	6.27	36.9	
6	72.1	9.99 x 10 <sup>2</sup>	6.24	15.4	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 16:25

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Voss Technologies Disposable

COMMENTS: \_\_\_\_\_

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

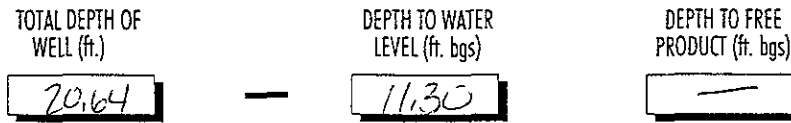
Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521  
 FAX (714) 632 - 6754

DATE:	07/27 /95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	B-15
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
<u>4.0</u>	<u>0.65</u>
6.0	1.47

9.34 x 0.65 = 6.07  
 ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START 14:50 STOP 15:05

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Wheeler Supersub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	76.5	1.14 x 10 <sup>3</sup>	6.66	14.61	
10	72.8	1.11 x 10 <sup>3</sup>	6.55	14.97	
15	72.2	1.10 x 10 <sup>3</sup>	6.40	11.43	
20	73.4	1.10 x 10 <sup>3</sup>	6.37	7.23	
25	72.9	1.09 x 10 <sup>3</sup>	6.39	8.49	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 17:05

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Voss Technologies Disposable

COMMENTS: \_\_\_\_\_

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

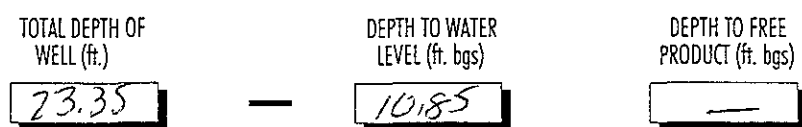
Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521  
 (714) 632 - 6754

DATE:	07/27/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	B-16
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
<b>4.0</b>	<b>0.65</b>
6.0	1.47

**12.50** x **.65** = **8.13**  
 ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START **13:37** STOP **13:59**

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: **Whale Subersub 921**

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	75.11	1.12 x 10 <sup>3</sup>	6.21	9.21	
10	73.1	1.11 x 10 <sup>3</sup>	6.19	4.31	
15	72.1	1.10 x 10 <sup>3</sup>	6.19	1.91	
20	71.4	1.09 x 10 <sup>3</sup>	6.21	2.43	
25	71.6	1.08 x 10 <sup>3</sup>	6.22	3.96	
30	71.4	1.09 x 10 <sup>3</sup>	6.19	1.96	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): **16:35**

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: **Voss Technologies Disposable**

COMMENTS: \_\_\_\_\_

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

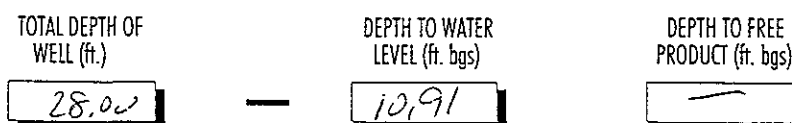
Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632-8521 FAX (714) 632-6754

DATE:	07/ /95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	MW-100
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
4.0	0.65
6.0	1.47

17.09 x 0.65 = 11.10  
 ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START 13:42 STOP 14:10

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Whale Super-sub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	76.6	1.13 x 10 <sup>3</sup>	6.20	140.9	
10	74.4	1.06 x 10 <sup>3</sup>	6.20	110.8	
15	73.0	1.05 x 10 <sup>3</sup>	6.16	70.9	
20	73.7	1.10 x 10 <sup>3</sup>	6.17	32.8	
25	72.6	1.02 x 10 <sup>3</sup>	6.20	24.2	
30	73.0	1.04 x 10 <sup>3</sup>	6.19	27.1	
35	73.9	1.05 x 10 <sup>3</sup>	6.21	12.82	
40	73.6	1.05 x 10 <sup>3</sup>	6.18	7.37	
45	74.0	1.05 x 10 <sup>3</sup>	6.17	4.88	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 16:50

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Uss Technologies Disposable

COMMENTS: \_\_\_\_\_

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

Planning, Environmental Analyses and Hazardous  
Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521 (714) 632 - 6754

DATE:	07/28/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	MW-101
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:

TOTAL DEPTH OF  
WELL (ft.)

28.00

DEPTH TO WATER  
LEVEL (ft. bgs)

10.27

DEPTH TO FREE  
PRODUCT (ft. bgs)

—

WELL VOLUME FACTORS	
WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
4.0	0.65
6.0	1.47

17.73

X

.65  
WELL VOLUME  
VOLUME FACTOR

=

11.52  
ONE CASING  
VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.):

START

9:40

STOP

10:10

METHOD: DOWN HOLE PUMP

DEDICATED PUMP

BAILER

OTHER

TYPE/MODEL:

Whale Super sub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	73.7	1.17 x 10 <sup>3</sup>	6.33	2.04	
10	75.5	1.21 x 10 <sup>3</sup>	6.52	8.30	
15	73.4	1.15 x 10 <sup>3</sup>	6.41	4.93	
20	72.1	1.13 x 10 <sup>3</sup>	6.36	8.95	
25	74.3	1.14 x 10 <sup>3</sup>	6.35	12.28	
30	73.3	1.16 x 10 <sup>3</sup>	6.37	6.78	
35	74.3	1.17 x 10 <sup>3</sup>	6.33	5.44	
40	72.9	1.15 x 10 <sup>3</sup>	6.34	6.08	
45	72.2	1.15 x 10 <sup>3</sup>	6.32	6.90	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.):

11:45

METHOD: DOWN HOLE PUMP

DEDICATED PUMP

BAILER

OTHER

TYPE/MODEL:

Voss Technologies Disposable

COMMENTS:

# GROUND WATER Sampling Log


**Environmental Audit, Inc.**

 Planning, Environmental Analyses and Hazardous  
Substances Management and Remediation

 1000 ORTEGA WAY, SUITE A (714) 632 - 8521  
PLACENTIA, CA 92670-7125 FAX (714) 632 - 6754

DATE:	07/27 /95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	MW-162
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:

 TOTAL DEPTH OF  
WELL (ft.)

28

 DEPTH TO WATER  
LEVEL (ft. bgs)

10.22

 DEPTH TO FREE  
PRODUCT (ft. bgs)

—

17.78

X

 .65  
WELL VOLUME  
VOLUME FACTOR

=

 11.56  
ONE CASING  
VOLUME OF WATER (GALLONS)

WELL VOLUME FACTORS	
WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
4.0	0.65
6.0	1.47

PURGE TIME (hrs.):

START

14:55

STOP

15:20

 METHOD: DOWN HOLE PUMP 

 DEDICATED PUMP 

 BAILER 

 OTHER 

TYPE/MODEL:

Whale Supersub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	75.8	1.14 x 10 <sup>3</sup>	6.50	66.5	
10	74.1	1.12 x 10 <sup>3</sup>	6.38	24.3	
15	73.4	1.10 x 10 <sup>3</sup>	6.36	8.24	
20	73.1	1.09 x 10 <sup>3</sup>	6.31	7.27	
25	77.4	1.14 x 10 <sup>3</sup>	6.53	4.07	
30	76.4	1.11 x 10 <sup>3</sup>	6.40	3.11	
35	78.0	1.10 x 10 <sup>3</sup>	6.41	2.28	
40	79.1	1.14 x 10 <sup>3</sup>	6.38	1.54	
45	76.8	1.12 x 10 <sup>3</sup>	6.35	2.57	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.):

[ ]

 METHOD: DOWN HOLE PUMP 

 DEDICATED PUMP 

 BAILER 

 OTHER 

TYPE/MODEL:

Voss Technologies Disposable

COMMENTS:

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

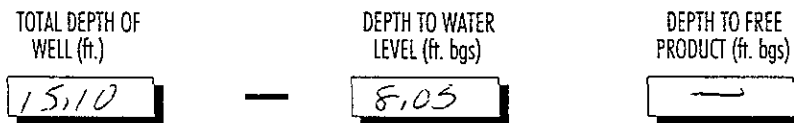
Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521  
 FAX (714) 632 - 6754

DATE:	07/28/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	ENEH mW-1
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
4.0	0.65
6.0	1.47

$$15.10 - 8.05 = 7.07$$

$$7.07 \times 0.65 = 4.60$$

ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START 8:18 STOP 8:32

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Whale Supersub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	71.0	1.05 x 10 <sup>3</sup>	6.53	6.11	
10	69.4	1.05 x 10 <sup>3</sup>	6.38	3.01	
15	68.9	1.05 x 10 <sup>3</sup>	6.29	2.17	
20	68.6	1.05 x 10 <sup>3</sup>	6.20	2.43	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 10:45

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Voss Technologies Disposable

COMMENTS:

# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521 FAX (714) 632 - 6754

DATE:	07/28/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	ENE A MW 2
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:

TOTAL DEPTH OF WELL (ft.) 14.71 — DEPTH TO WATER LEVEL (ft. bgs) 7.65 — DEPTH TO FREE PRODUCT (ft. bgs) —

WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
<u>4.0</u>	<u>0.65</u>
6.0	1.47

$$\frac{14.71 - 7.65}{2.0} = 3.53 \times 0.65 = 2.29$$

$$2.29 \times 1.65 = 3.78$$

$$3.78 \times 1.25 = 4.73$$

ONE CASING VOLUME OF WATER (GALLONS) = 4.59

PURGE TIME (hrs.): START 9:10 STOP 9:23

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Whale Suspens 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	69.3	1.17 x 10 <sup>3</sup>	6.18	8.15	
10	68.9	1.17 x 10 <sup>3</sup>	6.19	3.95	
15	68.9	1.17 x 10 <sup>3</sup>	6.21	3.26	
20	68.5	1.18 x 10 <sup>3</sup>	6.23	2.24	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 11:25

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Voss Technologies Disposable

COMMENTS: \_\_\_\_\_



# GROUND WATER Sampling Log



**Environmental Audit, Inc.**

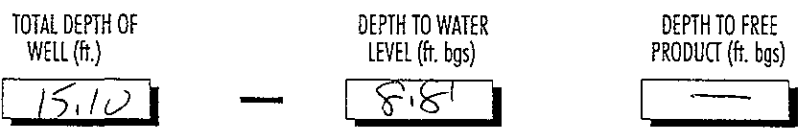
Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
 (714) 632 - 8521  
 FAX (714) 632 - 6754

DATE:	07/28/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	EWEA NW-3
WELL DIAMETER (INCHES):	4"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
2.0	0.16
4.0	0.65
6.0	1.47

**6.29** x **.65** = **4.09**  
 WELL VOLUME FACTOR = ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START **8:50** STOP **9:05**

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: **Whale Supersubs 921**

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
5	68.2	1.00 x 10 <sup>3</sup>	6.30	24.4	
10	68.2	1.01 x 10 <sup>3</sup>	6.12	4.82	
15	69.4	1.00 x 10 <sup>3</sup>	6.08	2.45	

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): **11:10**

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: **Vacc Technologies Disposable**

COMMENTS:

# GROUND WATER Sampling Log

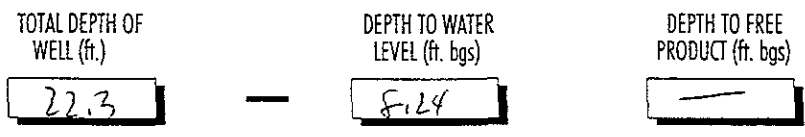


**Environmental Audit, Inc.**  
 Planning, Environmental Analyses and Hazardous  
 Substances Management and Remediation  
 1000 ORTEGA WAY, SUITE A (714) 632 - 8521  
 PLACENTIA, CA 92670-7125 FAX (714) 632 - 6754

DATE:	07/28/95
PROJECT NO.:	1233
CLIENT:	Mont. Ward-Dublin
WELL NO.:	ENEAMU-4
WELL DIAMETER (INCHES):	2"
SAMPLED BY:	AH/JRC

## WELL PURGING INFORMATION

ONE CASING VOLUME OF WATER CALCULATED USING THE FOLLOWING:



WELL CASING ID (inches)	VOLUME FACTOR
<u>2.0</u>	<u>0.16</u>
4.0	0.65
6.0	1.47

14.06 x .16 = 2.24  
 WELL VOLUME VOLUME FACTOR = ONE CASING VOLUME OF WATER (GALLONS)

PURGE TIME (hrs.): START 8:30 STOP 8:40

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Whale Subersub 921

GALLONS PURGED	TEMP (°F)	CONDUCTIVITY (Micro-ohms/cm) x 10 <sup>3</sup>	pH	TURBIDITY (NTU)	REMARKS
<u>2</u>	<u>69.3</u>	<u>1.04 x 10<sup>3</sup></u>	<u>6.25</u>	<u>7200</u>	
<u>4</u>	<u>68.5</u>	<u>1.12 x 10<sup>3</sup></u>	<u>6.20</u>	<u>127.1</u>	
<u>6</u>	<u>67.5</u>	<u>1.17 x 10<sup>3</sup></u>	<u>6.13</u>	<u>7200</u>	
<u>8</u>	<u>67.7</u>	<u>1.13 x 10<sup>3</sup></u>	<u>6.17</u>	<u>98.7</u>	
<u>10</u>	<u>67.8</u>	<u>1.12 x 10<sup>3</sup></u>	<u>6.15</u>	<u>34.4</u>	
<del>12</del>					

## WELL SAMPLING INFORMATION

TIME SAMPLED (hrs.): 11:00

METHOD: DOWN HOLE PUMP  DEDICATED PUMP  BAILER  OTHER

TYPE/MODEL: Voss Technologies Disposable

COMMENTS: \_\_\_\_\_

# APPENDIX B

**BC Analytical**

1085 Shary Circle  
 Concord, CA 94518  
 510/825-3894  
 Fax: 510/825-3924

**RECEIVED**

AUG 10 1995

ENVIRONMENTAL AUDIT

LOG NO: G95-07-490

Received: 28 JUL 95

Mailed: AUG 7 1995

Mr. Frank Muramoto  
 Environmental Audit  
 1000 A Ortega Way  
 Placentia, California 92670

Project: 1233

## REPORT OF ANALYTICAL RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES					DATE SAMPLED
07-490-1	B-12					27 JUL 95
07-490-2	B-5					27 JUL 95
07-490-3	B-10					27 JUL 95
07-490-4	B-16					27 JUL 95
07-490-5	MW-100					27 JUL 95
PARAMETER	07-490-1	07-490-2	07-490-3	07-490-4	07-490-5	
Lead (7421), mg/L	<0.002	0.0025	0.0020	<0.002	<0.002	
Furnace Digestion (3020), Date	07/31/95	07/31/95	07/31/95	07/31/95	07/31/95	
TPH (8015M.TX)						
Date Analyzed	08/03/95	08/02/95	08/03/95	08/02/95	08/03/95	
Dilution Factor, Times	10	10	5	1	5	
Benzene, ug/L	110	57	22	0.71	<3	
Toluene, ug/L	120	26	4.3	<0.5	<3	
Ethylbenzene, ug/L	490	190	140	1.6	100	
Methyl-tert-butylether, ug/L	<100	<100	55	<10	<50	
Total Xylene Isomers, ug/L	1500	570	330	2.6	42	
Carbon Range, .	C6-C12	C6-C12	C6-C12	C6-C12	C6-C12	
TPH (Gasoline Range), ug/L	10000	2600	2900	57	3300	

**BCA**

# B C Analytical

1085 Shary Circle  
Concord, CA 94518  
510/825-3894  
Fax: 510/825-3924

LOG NO: G95-07-490

Received: 28 JUL 95

Mr. Frank Muramoto  
Environmental Audit  
1000 A Ortega Way  
Placentia, California 92670

Project: 1233

## REPORT OF ANALYTICAL RESULTS

Page 2

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED
07-490-6	B-15	27 JUL 95
07-490-7	MW-102	27 JUL 95
07-490-8	Effluent	27 JUL 95
07-490-9	EWEA MW-1	28 JUL 95
07-490-10	EWEA MW-4	28 JUL 95

PARAMETER	07-490-6	07-490-7	07-490-8	07-490-9	07-490-10
Lead (7421), mg/L	<0.002	<0.002	<0.002	<0.002	0.0029
Furnace Digestion (3020), Date	07/31/95	07/31/95	07/31/95	07/31/95	07/31/95
TPH (8015M.TX)					
Date Analyzed	08/03/95	08/03/95	08/03/95	08/03/95	08/03/95
Dilution Factor, Times	1	1	1	1	1
Benzene, ug/L	<0.5	<0.5	<0.5	<0.5	<0.5
Toluene, ug/L	<0.5	<0.5	<0.5	<0.5	<0.5
Ethylbenzene, ug/L	<0.5	<0.5	<0.5	14	<0.5
Methyl-tert-butylether, ug/L	<10	<10	<10	10	<10
Total Xylene Isomers, ug/L	<0.5	0.70	1.5	1.4	<0.5
Carbon Range, .	C6-C12	C6-C12	C6-C12	C6-C12	C6-C12
TPH (Gasoline Range), ug/L	<50	140	<50	1100	<50

BCA

# B C Analytical

1085 Shary Circle  
Concord, CA 94518  
510/825-3894  
Fax: 510/825-3924

LOG NO: G95-07-490

Received: 28 JUL 95

Mr. Frank Muramoto  
Environmental Audit  
1000 A Ortega Way  
Placentia, California 92670

Project: 1233

## REPORT OF ANALYTICAL RESULTS

Page 3

LOG NO	SAMPLE DESCRIPTION, AQUEOUS SAMPLES	DATE SAMPLED		
07-490-11	EWEA MW-3	28 JUL 95		
07-490-12	EWEA MW-2	28 JUL 95		
07-490-13	MW-101	28 JUL 95		
PARAMETER		07-490-11	07-490-12	07-490-13
Lead (7421), mg/L		<0.002	<0.002	<0.002
Furnace Digestion (3020), Date		07/31/95	07/31/95	07/31/95
TPH (8015M.TX)				
Date Analyzed		08/03/95	08/03/95	08/03/95
Dilution Factor, Times		1	1	1
Benzene, ug/L		<0.5	<0.5	<0.5
Toluene, ug/L		<0.5	<0.5	<0.5
Ethylbenzene, ug/L		5.5	<0.5	<0.5
Methyl-tert-butylether, ug/L		11	<10	<10
Total Xylene Isomers, ug/L		1.5	0.57	<0.5
Carbon Range, .		C6-C12	C6-C12	C6-C12
TPH (Gasoline Range), ug/L		1400	<50	<50

**BCA**

# B C Analytical

1085 Shary Circle  
Concord, CA 94518  
510/825-3894  
Fax: 510/825-3924

LOG NO: G95-07-490


Received: 28 JUL 95

Mr. Frank Muramoto  
Environmental Audit  
1000 A Ortega Way  
Placentia, California 92670

Project: 1233

## REPORT OF ANALYTICAL RESULTS

Page 4

  
\_\_\_\_\_  
Jane Freemyer, Program Manager

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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 BCA

B C Analytical

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.....	METHOD.....	EQUIP. BATCH..	ID.NO
			ANALYZED			
9507490*1	B-12	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95237 8042
9507490*2	B-5	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.02.95	8015M.TX	536-21	95236 8042
9507490*3	B-10	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95237 8042
9507490*4	B-16	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.02.95	8015M.TX	536-21	95236 8042
9507490*5	MW-100	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*6	B-15	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*7	MW-102	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*8	Effluent	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*9	EWEA MW-1	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*10	EWEA MW-4	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*11	EWEA MW-3	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*12	EWEA MW-2	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042
9507490*13	MW-101	PB,GFA	08.01.95	7421	534-04	951131 7725
		DIG,AQ,GFA	07.31.95	3020		951131 7093
		GAS.BTX.TESNC	08.03.95	8015M.TX	536-21	95236 8042

\*\*\*

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.  
 ID.NO = BC Analytical employee identification number of analyst.



BC ANALYTICAL

ORDER QC REPORT FOR G9507490

Page 1

DATE REPORTED : 08/07/95

LABORATORY CONTROL STANDARDS  
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1. Lead	08.01.95	951131	0.0530	0.0500	mg/L	106
2. Lead	08.01.95	951131	0.0561	0.0500	mg/L	112
3. TPH	C508494*1					
Date Analyzed	08.04.95	95237	08/04/95	08/04/95	Date	N/A
Benzene	08.04.95	95237	18.9	15.2	ug/L	124
Toluene	08.04.95	95237	100	97.4	ug/L	103
Ethylbenzene	08.04.95	95237	19.6	20.4	ug/L	96
Total Xylene Isomers	08.04.95	95237	111	119	ug/L	93
TPH (Gasoline Range)	08.04.95	95237	1040	1100	ug/L	95
4. TPiH	C508275*1					
Date Analyzed	08.02.95	95236	08/02/95	08/02/95	Date	N/A
Benzene	08.02.95	95236	17.1	15.2	ug/L	113
Toluene	08.02.95	95236	84.9	97.4	ug/L	87
Ethylbenzene	08.02.95	95236	19.6	20.4	ug/L	96
Total Xylene Isomers	08.02.95	95236	109	119	ug/L	92
TPH (Gasoline Range)	08.02.95	95236	1060	1100	ug/L	96

BC ANALYTICAL

ORDER QC REPORT FOR G9507490

Page 1

DATE REPORTED : 08/07/95

ADDITIONAL LCS PRECISION (DUPLICATES)  
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	LC1 RESULT	LC2 RESULT	UNIT	RELATIVE % DIFF
1 Lead		08.01.95	951131	0.0530	0.0561	mg/L	6

BC ANALYTICAL

ORDER QC REPORT FOR G9507490

DATE REPORTED : 08/07/95

MATRIX QC PRECISION (DUPLICATE SPIKES)  
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
Lea <sup>†</sup>	9507444*1	08.01.95	951131	0.0215	0.0214	mg/L	0
TPH	9508040*4						
Date Analyzed		08.03.95	95237	08/03/95	08/03/95	Date	N/A
Benzene		08.03.95	95237	15.9	15.5	ug/L	3
Toluene		08.03.95	95237	98.1	95.7	ug/L	2
Ethylbenzene		08.03.95	95237	19.1	19.0	ug/L	1
Total Xylene Isomers		08.03.95	95237	109	109	ug/L	0
TPH (Gasoline Range)		08.03.95	95237	930	900	ug/L	3
TPH	9507490*6						
Date Analyzed		08.03.95	95236	08/03/95	08/03/95	Date	N/A
Benzene		08.03.95	95236	19.6	18.3	ug/L	7
Toluene		08.03.95	95236	90.4	84.1	ug/L	7
Ethylbenzene		08.03.95	95236	18.8	17.6	ug/L	7
Total Xylene Isomers		08.03.95	95236	106	97.5	ug/L	8
TPH (Gasoline Range)		08.03.95	95236	1020	942	ug/L	8

BC ANALYTICAL

ORDER QC REPORT FOR G9507490

DATE REPORTED : 08/07/95

MATRIX QC ACCURACY (SPIKES)  
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT	
1 Lead	9507444*1	08.01.95	951131	108	107	0.0200	mg/L	
2 TPH	9508040*4							
Benzene		08.03.95	95237	105	102	15.2	ug/L	
Toluene		08.03.95	95237	101	98	97.4	ug/L	
Ethylbenzene		08.03.95	95237	94	93	20.4	ug/L	
Total Xylene Isomers		08.03.95	95237	92	92	119	ug/L	
TPH (Gasoline Range)		08.03.95	95237	85	82	1100	ug/L	
3 TPH	9507490*6							
Benzene		08.03.95	95236	129 Q	120	15.2	ug/L	Q
Toluene		08.03.95	95236	93	86	97.4	ug/L	
Ethylbenzene		08.03.95	95236	92	86	20.4	ug/L	
Total Xylene Isomers		08.03.95	95236	89	82	119	ug/L	
TPH (Gasoline Range)		08.03.95	95236	93	86	1100	ug/L	

BC ANALYTICAL

ORDER QC REPORT FOR G9507490

Page 1

DATE REPORTED : 08/07/95

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)  
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
1. Lead	08.01.95	951131	0	0.002	mg/L	7421
2. TPH	08.03.95	95237	08/03/95	NA	Date	8015M.TX
Date Analyzed	08.03.95	95237	0	0.5	ug/L	8015M.TX
Benzene	08.03.95	95237	0	0.5	ug/L	8015M.TX
Toluene	08.03.95	95237	0	0.5	ug/L	8015M.TX
Ethylbenzene	08.03.95	95237	0	NA	ug/L	8015M.TX
Methyl-tert-butylether	08.03.95	95237	0	0.5	ug/L	8015M.TX
Total Xylene Isomers	08.03.95	95237	0	50	ug/L	8015M.TX
TPH (Gasoline Range)	08.03.95	95237	0	50	ug/L	8015M.TX
3. TP1:	08.02.95	95236	08/02/95	NA	Date	8015M.TX
Date Analyzed	08.02.95	95236	0	0.5	ug/L	8015M.TX
Benzene	08.02.95	95236	0.12	0.5	ug/L	8015M.TX
Toluene	08.02.95	95236	0	0.5	ug/L	8015M.TX
Ethylbenzene	08.02.95	95236	0	NA	ug/L	8015M.TX
Methyl-tert-butylether	08.02.95	95236	0.21	0.5	ug/L	8015M.TX
Total Xylene Isomers	08.02.95	95236	0	50	ug/L	8015M.TX
TPH (Gasoline Range)	08.02.95	95236	0	50	ug/L	8015M.TX

IRROGATE RECOVERIES :  
BC ANALYTICAL : GLEN LAB : 16:03:46 07 AUG 1995 - P. 1 :

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9507490*1							
8015M.TXa	,a,a-Trifluorotoluene	95237	08/03/95	468	500	94	
9507490*2							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/02/95	453	500	91	
9507490*3							
8015M.TXa	,a,a-Trifluorotoluene	95237	08/03/95	234	250	94	
9507490*4							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/02/95	51.2	50.0	102	
9507490*5							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	228	250	91	
9507490*6							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	50.8	50.0	102	
9507490*7							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	48.1	50.0	96	
9507490*8							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	51.3	50.0	103	
9507490*9							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	43.5	50.0	87	
9507490*10							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	51.9	50.0	104	
9507490*11							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	40.7	50.0	81	
9507490*12							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	50.4	50.0	101	
9507490*13							
8015M.TXa	,a,a-Trifluorotoluene	95236	08/03/95	48.3	50.0	97	

PROXIMATE RECOVERIES :  
BC ANALYTICAL : GLEN LAB : 16:03:51 07 AUG 1995 - P. 1 :  
=====

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9507490*6*R1							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/03/95	50.8	50.0	102	
9507490*6*S1							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/03/95	50.5	50.0	101	
9507490*6*S2							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/03/95	46.1	50.0	92	
9507490*6*T							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/03/95	50.0	50.0	100	
9508040*4*R1							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/03/95	51.6	50.0	103	
9508040*4*S1							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/03/95	59.2	50.0	118	
9508040*4*S2							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/03/95	57.1	50.0	114	
9508040*4*T							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/03/95	50.0	50.0	100	
B508146*1*MB							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/02/95	50.2	50.0	100	
B508268*1*MB							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/03/95	53.0	50.0	106	
C508275*1*LC							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/02/95	52.4	50.0	105	
C508275*1*LT							
8015M.TX	a,a,a-Trifluorotoluene	95236	08/02/95	50.0	50.0	100	
C508494*1*LC							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/04/95	46.5	50.0	93	
C508494*1*LT							
8015M.TX	a,a,a-Trifluorotoluene	95237	08/04/95	50.0	50.0	100	

# APPENDIX C





# ENVIRONMENTAL AUDIT, INC.®

Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A  
PLACENTIA, CA 92670-7125  
(714) 632 - 8521  
(FAX) (714) 632 - 6754

## Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA  NPDES  SDWA

WRITTEN QC REPORT  TURNAROUND TIME:  
ROUTINE QC  SAME DAY  24hr  48hr  NORMAL   
RWQCB QC

PROJECT NO.		PROJECT NAME		CONTR TYPE		ANALYSES REQUESTED										NUMBER OF CONTAINERS	REMARKS				
1233		Montgomery Ward-Dublin				GLASS	PLASTIC	BRASS/SS TUBE	TPH-D 8015M	TPH-G 8015M	TRPH 418.1	BTX 8020	VOC 8240	IEOC 8270	OIL & GREASE			CAM METALS TOT WET	LEAD	HVOC 8010	
SAMPLER (Signature with Printed Name) <i>John K. Cambic</i>				PROJECT MANAGER Frank Muramoto																	
SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION	GLASS	PLASTIC	BRASS/SS TUBE	TPH-D 8015M	TPH-G 8015M	TRPH 418.1	BTX 8020	VOC 8240	IEOC 8270	OIL & GREASE	CAM METALS TOT WET	LEAD	HVOC 8010			
B-12	7/27/95	16:05			Water	/	/	/	/	/	/	/	/	/	/	/	/	/	-1	3	One 1-liter plastic bottle (Lead) Two 40ml vial vials (BTX/TPH)
B-5	"	16:15			"	/	/	/	/	/	/	/	/	/	/	/	/	/	-2	3	
B-10	"	16:23			"	/	/	/	/	/	/	/	/	/	/	/	/	/	-3	3	
B-16	"	16:35			"	/	/	/	/	/	/	/	/	/	/	/	/	/	-4	3	
HW-100	"	16:50			"	/	/	/	/	/	/	/	/	/	/	/	/	/	-5	3	
B-15	"	17:05			"	/	/	/	/	/	/	/	/	/	/	/	/	/	-6	3	
HW-102	"	17:10			"	/	/	/	/	/	/	/	/	/	/	/	/	/	-7	3	
TOTAL NUMBER OF CONTAINERS																			21		

RELINQUISHED BY (Signature/Name) <i>John K. Cambic</i>	DATE/TIME 13:00 7/26/95	RECEIVED BY (Signature/Name) <i>Bill Evans</i>	RELINQUISHED BY (Signature/Name) <i>Bill Evans</i>	DATE/TIME 4:32	RECEIVED BY (Signature/Name) <i>Kimberly Eng</i>
RELINQUISHED BY (Signature/Name) <i>Kimberly Eng</i>	DATE/TIME 5:15 7/28/95	RECEIVED BY (Signature/Name)	RELINQUISHED BY (Signature/Name)	DATE/TIME	RECEIVED BY (Signature/Name)
SWIFTS SHIPPED VIA FEDEX <input type="checkbox"/> UPS <input type="checkbox"/> AIRBORNE <input type="checkbox"/> MAIL <input type="checkbox"/> AIR REIGHT <input type="checkbox"/>		SHIPPED BY (Signature/Name)	CARRIER (Signature/Name)	RECEIVED FOR BY (Signature/Name)	DATE/TIME
LAB:		AIRBILL #			

64507490



# ENVIRONMENTAL AUDIT, INC.®

Planning, Environmental Analyses and Hazardous Substances Management and Remediation

1000 ORTEGA WAY, SUITE A PLACENTIA, CA 92670-7125  
(714) 632-8521  
(714) 632-6754

## Chain of Custody Record

SAMPLING REQUIREMENTS: RCRA  NPDES  SDWA

WRITTEN QC REPORT  TURNAROUND TIME:

ROUTINE QC  SAME DAY  24hr  48hr  NORMAL

RWOCB QC

PROJECT NO. 1233		PROJECT NAME Montgomery Ward-Dublin		CONTR TYPE	ANALYSES REQUESTED												NUMBER OF CONTAINERS	REMARKS		
SAMPLER (Signature with Printed Name) <i>John R. Cimbricz</i>				PROJECT MANAGER Frank Muramoto	GLASS	PLASTIC	BRASS/SS TUBE	TPH-D 8015M	TPH-G 8015M	TRPH 418.1	BTEX 8020	VOC 8240	EOC 8270	OIL & GREASE	CAM METALS TOT WET	LEAD			HVOC 8010	
SAMPLE NUMBER	DATE	TIME	COMP	GRAB	SAMPLE DESCRIPTION															
Effluent	7/24/95	17:35	/		water				/	/	/	/	/	/	/	/	/	/	3	One 1-liter Plastic Bottle (Water) Two 40 ml VOA Vials (SPEX/SPH)
EWEA MW-1	7/24/95	10:45	/		water				/	/	/	/	/	/	/	/	/	/	3	
EWEA MW-4	"	11:00	/		water				/	/	/	/	/	/	/	/	/	/	3	
EWEA MW-3	"	11:10	/		water				/	/	/	/	/	/	/	/	/	/	3	
EWEA MW-2	"	11:25	/		water				/	/	/	/	/	/	/	/	/	/	3	
MW 101	"	11:45	/		water				/	/	/	/	/	/	/	/	/	/	3	
TOTAL NUMBER OF CONTAINERS																	18			

RELINQUISHED BY: (Signature/Name) <i>John R. Cimbricz</i>	DATE/TIME 13:00 7/28/95	RECEIVED BY: (Signature/Name) <i>Michelle Keane</i>	RELINQUISHED BY: (Signature/Name) <i>Bell Lopez</i>	DATE/TIME 7:17-95 4:35	RECEIVED BY: (Signature/Name) <i>Kimberly Gue</i>
RELINQUISHED BY: (Signature/Name) <i>Kimberly Gue</i>	DATE/TIME 5:15 7/27/95	RECEIVED BY: (Signature/Name)	RELINQUISHED BY: (Signature/Name)	DATE/TIME	RECEIVED BY: (Signature/Name)
SAMPLES SHIPPED VIA FEDEX <input type="checkbox"/> UPS <input type="checkbox"/> AIRBORNE <input type="checkbox"/> HAND <input type="checkbox"/> AIRFREIGHT <input type="checkbox"/>		SHIPPED BY: (Signature/Name)	CARRIER: (Signature/Name)	RECEIVED FOR BY: (Signature/Name)	DATE/TIME
		LAB #			