

**SCS ENGINEERS**

July 10, 1990  
File No. 0390009.00

90 JUL 12 PM 2:28

Mr. Gil Wistar  
Department of Environmental Health  
80 Swan Way, Room 200  
Oakland, California 94621

Dear Gil:

Attached are the results of the last sampling of the monitor wells and remediation system at Montgomery Ward, Dublin. Included is the laboratory report and chain-of-custody. As noted in the letter to Charlie West, the carbon in cannister number two is probably saturated with contaminants. A change-out of the carbon will be ordered if analysis confirms this. The next sampling date will be during the week of July 9.

If you have any questions, please call (415) 829-0661.

Regards,



Daniel J. Davis  
Staff Geologist  
SCS Engineers

DJD/sar

**SCS ENGINEERS**

July 9, 1990  
File No. 0390009.00

Mr. Charlie West  
Montgomery Ward Company  
3920 Fremont Boulevard  
Fremont, California 94538

Subject: Groundwater Remediation  
Montgomery Ward Facility  
Dublin, California

Dear Mr. West:

Enclosed are the results of the last sampling (influent and effluent), dated June 12, 1990, and of the previous two months for the remediation system and the groundwater at the Dublin facility. Contaminants have again been detected in the effluent (discharge) of the remediation system. As a consequence, the water flow has been redirected to flow through the first carbon canister which contains new activated carbon. We have no record of a change of carbon in either canister prior to our overseeing the system operation. The carbon in the second canister may be saturated with contaminants; therefore, a sample of the carbon will be collected and analyzed per discussion with Peter Guichard of Westates Carbon. If the carbon is saturated with contaminants we will order a carbon change from Westates Carbon. The contaminant levels have remained relatively constant otherwise. The next sampling date will be on or about July 10.

If you have any questions, please call either of us at (415) 829-0661.

Regards,



Daniel J. Davis  
Staff Geologist  
SCS Engineers



Kent A. Madenwald, P.E., R.G., R.E.A.  
Project Manager  
SCS Engineers

DJD/KAM/egh

Attachments

cc: Gil Wistar, ACHD  
T. DeHollander, Zone 7

July 3, 1990  
 File No. 0390009.00  
 Montgomery Ward, Dublin Site

Analytical Results - Monitor Wells and Remediation System

SAMPLE DATE: April 18,1990

	MW5	MW10	MW15	MW16	12SI (inflow)	SO (discharge)
	( --- ppm --- )					
TPH	14	12	ND	2	22	ND
benzene	9.08	6.98	ND	1.71	4.57	ND
toluene	1.04	0.27	ND	0.07	5.21	ND
ethylbenzene	0.59	0.35	ND	0.10	0.59	ND
xylene	0.71	0.25	ND	0.08	3.45	ND

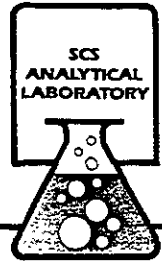
SAMPLE DATE: May 14, 1990

TPH	14	5	ND	2	12	ND
benzene	10.30	5.6	ND	1.13	4.11	0.006
toluene	1.04	0.17	ND	0.05	4.58	0.002
ethylbenzene	0.57	0.13	ND	0.02	0.66	ND
xylene	0.77	0.27	ND	0.06	4.04	0.002

SAMPLE DATE: June 12, 1990

TPH	16.9	9.6	ND	1.3	21	ND
benzene	10.4	4.54	0.003	0.395	4.04	0.009
toluene	1.20	0.29	0.002	0.05	3.00	0.120
ethylbenzene	0.61	0.32	0.003	0.02	0.50	0.046
xylene	0.94	0.62	0.025	0.09	3.27	0.280

JUN 29 1990



2860 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

MEMO

To: Dan Davis

From: Curtis B. Jenkins

June 27, 1990

Job No.: 0390009

Page 1 of 7

LABORATORY REPORT

Samples: Six (6) water samples, from Montgomery Ward -  
Remediation, 6900 Amador Plaza, Dublin, CA. Received  
6/13/90, analyzed 6/25/90.

Sample ID	EPA 8015 (G)
	-----mg/L-----
12SI	21
SO	ND
MW16	1.3
MW10	9.6
MW5	16.9
MW15	ND

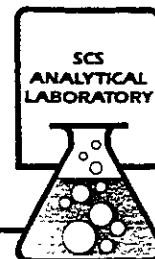
Detection Limit 0.5

ND - Not Detected

G - Gasoline

*David Sincerbeaux*  
David Sincerbeaux  
Chemist

*Curtis B. Jenkins*  
Curtis B. Jenkins  
Vice President, Analytical Srv.



2860 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

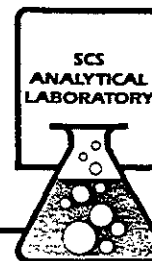
Addendum Report, EPA 602

Page 2 of 7

Sample I.D.: 12SI  
Date Received: 6/13/90  
Date Analyzed: 6/25/90  
Matrix: Water  
Project #: 390009  
File #: mward3.REP

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	4,040	70
Chlorobenzene	ND	100
Ethylbenzene	504	100
Toluene	3,000	100
Xylenes	3,270	100
1,2-Dichlorobenzene	ND	100
1,3-Dichlorobenzene	ND	100
1,4-Dichlorobenzene	ND	100

D.L. = Detection Limit  
ND = Not Detected



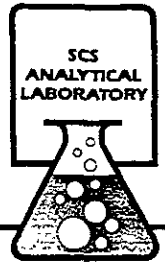
2860 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

Addendum Report, EPA 602  
Page 3 of 7

Sample I.D.: SO  
Date Received: 6/13/90  
Date Analyzed: 6/25/90  
Matrix: Water  
Project #: 390009  
File #: mward3.REP

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	9	0.7
Chlorobenzene	ND	1
Ethylbenzene	46	1
Toluene	120	1
Xylenes	280	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1

D.L. = Detection Limit  
ND = Not Detected



2860 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

Addendum Report, EPA 602  
Page 4 of 7

Sample I.D.: MW16  
Date Received: 6/13/90  
Date Analyzed: 6/25/90  
Matrix: Water  
Project #: 390009  
File #: mward3.REP

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	395	0.7
Chlorobenzene	ND	1
Ethylbenzene	15	1
Toluene	50	1
Xylenes	87	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1

D.L. = Detection Limit  
ND = Not Detected



2860 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

Addendum Report, EPA 602  
Page 5 of 7

Sample I.D.: MW10  
Date Received: 6/13/90  
Date Analyzed: 6/25/90  
Matrix: Water  
Project #: 390009  
File #: mward3.REP

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	4,540	140
Chlorobenzene	ND	200
Ethylbenzene	315	200
Toluene	289	200
Xylenes	619	200
1,2-Dichlorobenzene	ND	200
1,3-Dichlorobenzene	ND	200
1,4-Dichlorobenzene	ND	200

D.L. = Detection Limit  
ND = Not Detected





2660 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

Addendum Report, EPA 602  
Page 6 of 7

Sample I.D.: MW5  
Date Received: 6/13/90  
Date Analyzed: 6/25/90  
Matrix: Water  
Project #: 390009  
File #: mward3.REP

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	10,400	140
Chlorobenzene	ND	200
Ethylbenzene	606	200
Toluene	1,200	200
Xylenes	943	200
1,2-Dichlorobenzene	ND	200
1,3-Dichlorobenzene	ND	200
1,4-Dichlorobenzene	ND	200

D.L. = Detection Limit  
ND = Not Detected



2860 WALNUT AVENUE  
LONG BEACH, CALIFORNIA 90806  
(213) 595-9324  
FAX (213) 595-6709

Addendum Report, EPA 602

Page 7 of 7

Sample I.D.: MW15  
Date Received: 6/13/90  
Date Analyzed: 6/25/90  
Matrix: Water  
Project #: 390009  
File #: mward3.REP

Compound	Result ----ug/L (ppb)----	D.L.
Benzene	3	0.7
Chlorobenzene	ND	1
Ethylbenzene	3	1
Toluene	2	1
Xylenes	25	1
1,2-Dichlorobenzene	ND	1
1,3-Dichlorobenzene	ND	1
1,4-Dichlorobenzene	ND	1

D.L. = Detection Limit  
ND = Not Detected

# CHAIN OF CUSTODY RECORD

413

12 June 1990



**PERSONNEL**

Sampler (Signature) [Signature]  
 Phone (415) 829-0661  
 \_\_\_\_\_  
 Field Crew Supervisor \_\_\_\_\_  
 Field Company \_\_\_\_\_  
 Project Geologist/Engineer DANIEL J. DAVIS

**SITE INFORMATION**

2860 WALNUT AVENUE  
 LONG BEACH, CALIFORNIA 90806  
 (213) 595-9324

Job Name Montgomery Ward - remediation  
 Job Number 0390009.00  
 Sample Location 6900 Avenida Plaza  
Dublin, CA  
 \_\_\_\_\_  
 P.O. Number \_\_\_\_\_

Relinquished by (Signature) <u>[Signature]</u>	Received by (Signature)	Date	Time
Relinquished by (Signature)	Received by (Signature)	Date	Time

Analysis laboratory should complete "sample cond. upon receipt" section below, sign, and return copy to Shipper

Sample Number	Sample Type	No. of Cont.	Site Identification	Date Sampled	Analysis Requested	Sample Cond. - Upon Receipt
<u>1Z SI</u>	<u>water</u>	<u>1</u>	<u>influent</u>	<u>6/12/90</u>	<u>8015, 8020</u>	
<u>SO</u>		<u>1</u>	<u>effluent</u>			
<u>MW16</u>		<u>1</u>	<u>monitor well</u>			
<u>MW10</u>		<u>1</u>				
<u>MW5</u>		<u>1</u>				
<u>MW15</u>		<u>1</u>				

Remarks: PLEASE SEND SOME BLUE ICE !!  
And Enjoy! Thanks.