To; File
From; Dale Schneck
2-14-01

Subject; Documentation of groundwater contamination detected.

W-2D & W2S

Wells located in southeast corner of field between Artistic Lighting and WRC. W-2d is deep, 51'9", and W-2S is shallow, 19'1", and downgradient from Artistic Lighting (former Cadillac Cable). In early 1991, repesentatives from then Cadillac Cable contacted Steve Koop, WRC Technical Manager, and informed him that Cadillac Cable would be conducting a remediation project to remove contaminants which had been introduced at some point into their septic system. He recommended that WRC perform groundwater monitoring for Base Neutral/ Acid Extractables, and asked that we contact him if combined results exceed 50ppb.

Sampling for Base Neutral/Acid extractables was completed on 3-27-91, and samples submitted to Spotts Stevens & McCoy Laboratories (SSM). Results indicated 47 ppb Bis(2-ethylhexyl) phthalate in W-2D and 11 ppb in W-2S. WRC continued to monitor these wells, as Cadillac Cable was performing the remediation which consisted of removing the old septic tank, and associated drain field. After installation of a new septic tank/drain field, the levels of contamination steadily fell to 17 ppb in June 1991.

Annual testing for Base Neutral/Acid extractables has continued to the present with results since 1995 consistently <10ppb. The most recent sampling was performed in Dec. 2000 (see results attached).

W-4

During August 1990, detectable levels of 1,4-Dichlorobenzene (4ppb), Chlorobenzene (2ppb), and Tetrachloroethene (3ppb) were measured in W-4, which is located at the southwest corner of WRC's truck receiving lot. This location is directly down gradient from WRC's septic drain field, and it was suspected that these constituents had entered through the septic system. A review of product MSDS revealed that the urinal blocks used consisted almost entirely of 1,4-Dichlorobenzene. It was believed that the other constituents detected were possible decomposition products of the 1,4-Dichlorobenzene in the groundwater.

WRC discontinued using large amounts of urinal blocks, and began using Sanor Granapple deodorants in the restrooms. The Sanor sanitizer is an alcohol based deodorant/sanitizer which is continuously metered into toilets and urinals. It contains no hazardous ingredients.

Subsequent monitoring indicated a decreasing concentration of 1,4-Dichlorobenzene (2ppb in April 1991), and the most recent sampling in December 2000 indicated < 1ppb 1,4-Dichlorobenzene.

Annual testing is conducted on all wells for purgeable halocarbons, which include 1,4-Dichlorobenzene.

11APR91_0759_0834

SSM/Laboratories

ANALYTICAL REPORT

CLIENT: Dale Schneck
World Resources Company
Walnut Lane
RD #5, Box 5553
Pottsville PA 17901

SAMPLE: 1016042
PROJECT: 104122
PO NO: 2897
REPORTED: 11-APR-91
RECEIVED: 28-MAR-91
WORK ORDER:

PROJECT DESCRIPTION: Monitoring Wells

CLIENT SAMPLE IDENTIFICATION: 103096 W-2 D 3-91

SAMPLE DESCRIPTION: Well Waters

SAMPLING DATE: 27-MAR-91 BY: D. Schneck

Base Neutral Extractables	UNITS	RESULT
Acenaphthene	ug/l	< 10
Acenaphthylene	ug/l	< 10
Anthracene	ug/l	< 10
Benzidine	ug/l	< 50
Benzo[a]anthracene	ug/l	< 10
Benzo[b]fluoranthene	ug/l	< 10
Benzo[k]fluoranthene	ug/l	< 10
Benzo[a]pyrene	ug/l	< 10
Benzo[g,h,i]perylene	ug/l	< 10
Benzyl butyl phthalate	ug/l	< 10
Bis(2-chloroethyl)ether	ug/l	< 10
Bis(2-chloroethoxy)methane	ug/l	< 10
Bis(2-ethylhexyl)phthalate	ug/l	47
Bis(2-chloroisopropyl)ether	ug/l	< 10
4-Bromophenyl phenyl ether	ug/l	< 10
2-Chloronaphthalene	ug/l	< 10
4-Chlorophenyl phenyl ether	ug/l	< 10
Chrysene	ug/l	< 10
Dibenzo[a,h]anthracene	ug/l	< 10
Di-n-butylphthalate	ug/l	< 10
1,3-Dichlorobenzene	ug/l	< 10
1,2-Dichlorobenzene	ug/l	< 10
1,4-Dichlorobenzene	ug/l	< 10
3,3'-Dichlorobenzidine	ug/l	< 20
Diethyl phthalate	ug/l	< 10
Dimethyl phthalate	ug/l	< 10
1,2-Diphenylhydrazine	ug/l	< 10
2,4-Dinitrotoluene	ug/l	< 10
2,6-Dinitrotoluene	ug/l	< 10

30 Noble Street ■ P.O. Box 6527 ■ Reading, PA 19611-0527 ■ 215/376-4595 or 215/376-6581 ■ Fax: 215/376-8522
Engineering Offices in Baltimore, Lehigh Valley, Reading and Trenton.

11APR91_0759_0834

SSM/Laboratories

ANALYTICAL REPORT

CLIENT: Dale Schneck
World Resources Company
Walnut Lane
RD #5, Box 5553
Pottsville PA 17901

SAMPLE: 1016041
PROJECT: 104122
PO NO: 2897
REPORTED: 11-APR-91
RECEIVED: 28-MAR-91
WORK ORDER:

PROJECT DESCRIPTION: Monitoring Wells

CLIENT SAMPLE IDENTIFICATION: 103094

W. 2 S.

SAMPLE DESCRIPTION: Well Waters

SAMPLING DATE: 27-MAR-91 BY: D. Schneck

Base Neutral Extractables	UNITS	RESULT
Acenaphthene	ug/l	< 10
Acenaphthylene	ug/l	< 10
Anthracene	ug/l	< 10
Benzidine	ug/l	< 50
Benzo[a]anthracene	ug/l	< 10
Benzo[b]fluoranthene	ug/l	< 10
Benzo[k]fluoranthene	ug/l	< 10
Benzo[a]pyrene	ug/l	< 10
Benzo[g,h,i]perylene	ug/l	< 10
Benzyl butyl phthalate	ug/l	< 10
Bis(2-chloroethyl)ether	ug/l	< 10
Bis(2-chloroethoxy)methane	ug/l	< 10
Bis(2-ethylhexyl)phthalate	ug/l	11
Bis(2-chloroisopropyl)ether	ug/l	< 10
4-Bromophenyl phenyl ether	ug/l	< 10
2-Chloronaphthalene	ug/l	< 10
4-Chlorophenyl phenyl ether	ug/l	< 10
Chrysene	ug/l	< 10
Dibenzo[a,h]anthracene	ug/l	< 10
Di-n-butylphthalate	ug/l	< 10
1,3-Dichlorobenzene	ug/l	< 10
1,2-Dichlorobenzene	ug/l	< 10
1,4-Dichlorobenzene	ug/l	< 10
3,3'-Dichlorobenzidine	ug/l	< 20
Diethyl phthalate	ug/l	< 10
Dimethyl phthalate	ug/l	< 10
1,2-Diphenylhydrazine	ug/l	< 10
2,4-Dinitrotoluene	ug/l	< 10
2,6-Dinitrotoluene	ug/l	< 10

SSM /Laboratories

14JUN91_0856_0857

ANALYTICAL REPORT

CLIENT: Dale Schneck
World Resources Company
Walnut Lane
RD #5, Box 5553
Pottsville PA 17901

SAMPLE: 1021233
PROJECT: 105500
PO NO: 2897
REPORTED: 14-JUN-91
RECEIVED: 31-MAY-91
WORK ORDER:

CLIENT SAMPLE IDENTIFICATION: 105106

SAMPLE DESCRIPTION: Well Water

SAMPLING DATE: 28-MAY-91 TIME: 13:00 BY: D. Schneck

	UNITS	RESULT
BN/A Extraction of Water Samples		
BN/A Extractables		
Acenaphthene	ug/l	< 10
Acenaphthylene	ug/l	< 10
Anthracene	ug/l	< 10
Benzidine	ug/l	< 50
Benzo[a]anthracene	ug/l	< 10
Benzo[b]fluoranthene	ug/l	< 10
Benzo[k]fluoranthene	ug/l	< 10
Benzo[a]pyrene	ug/l	< 10
Benzo[g,h,i]perylene	ug/l	< 10
Benzyl butyl phthalate	ug/l	< 10
Bis(2-chloroethyl)ether	ug/l	< 10
Bis(2-chloroethoxy)methane	ug/l	< 10
Bis(2-ethylhexyl)phthalate	ug/l	32
Bis(2-chloroisopropyl)ether	ug/l	< 10
4-Bromophenyl phenyl ether	ug/l	< 10
2-Chloronaphthalene	ug/l	< 10
4-Chlorophenyl phenyl ether	ug/l	< 10
Chrysene	ug/l	< 10
Dibenzo[a,h]anthracene	ug/l	< 10
Di-n-butylphthalate	ug/l	< 10
1,3-Dichlorobenzene	ug/l	< 10
1,2-Dichlorobenzene	ug/l	< 10
1,4-Dichlorobenzene	ug/l	< 10
3,3'-Dichlorobenzidine	ug/l	< 20
Diethyl phthalate	ug/l	< 10
Dimethyl phthalate	ug/l	< 10
1,2-Diphenylhydrazine	ug/l	< 10
2,4-Dinitrotoluene	ug/l	< 10
2,6-Dinitrotoluene	ug/l	< 10
Di-n-octylphthalate	ug/l	< 10

SSM /Laboratories

11JUL91_1527_0857

ANALYTICAL REPORT

CLIENT: Dale Schneck
World Resources Company
Walnut Lane
RD #5, Box 5553
Pottsville PA 17901

SAMPLE: 1023131
PROJECT: 106114
PO NO: 2897
REPORTED: 11-JUL-91
RECEIVED: 26-JUN-91
WORK ORDER:

CLIENT SAMPLE IDENTIFICATION: 106108 WW-2-D

SAMPLE DESCRIPTION: Well Waters

SAMPLING DATE: 21-JUN-91 BY: D. Schneck

BN/A Extractables	UNITS	RESULT
Acenaphthene	ug/l	< 10
Acenaphthylene	ug/l	< 10
Anthracene	ug/l	< 10
Benzidine	ug/l	< 50
Benzo[a]anthracene	ug/l	< 10
Benzo[b]fluoranthene	ug/l	< 10
Benzo[k]fluoranthene	ug/l	< 10
Benzo[a]pyrene	ug/l	< 10
Benzo[g,h,i]perylene	ug/l	< 10
Benzyl butyl phthalate	ug/l	< 10
Bis(2-chloroethyl)ether	ug/l	< 10
Bis(2-chloroethoxy)methane	ug/l	< 10
Bis(2-ethylhexyl)phthalate	ug/l	17
Bis(2-chloroisopropyl)ether	ug/l	< 10
4-Bromophenyl phenyl ether	ug/l	< 10
2-Chloronaphthalene	ug/l	< 10
4-Chlorophenyl phenyl ether	ug/l	< 10
Chrysene	ug/l	< 10
Dibenzo[a,h]anthracene	ug/l	< 10
Di-n-butylphthalate	ug/l	< 10
1,3-Dichlorobenzene	ug/l	< 10
1,2-Dichlorobenzene	ug/l	< 10
1,4-Dichlorobenzene	ug/l	< 10
3,3'-Dichlorobenzidine	ug/l	< 10
Diethyl phthalate	ug/l	< 20
Dimethyl phthalate	ug/l	< 10
1,2-Diphenylhydrazine	ug/l	< 10
2,4-Dinitrotoluene	ug/l	< 10
2,6-Dinitrotoluene	ug/l	< 10
Di-n-octylphthalate	ug/l	< 10
Fluoranthene	ug/l	< 10

MDS Laboratories

LABORATORY REPORT

INDUSTRIAL HYGIENE **ENVIRONMENTAL TESTING**

- EPA/NVLAP 1262
- AIHA ACCREDITATION NO. 8707
- NY DOH 10903
- PA DER 06-353
- NJ DEP 77678

WORLD RESOURCES
RD5 P.O. Box 5553
Walnut Lane
Pottsville, PA 17901

ATTN: Dale Schneck

MDS LAB NUMBER: E95-0613-014
SAMPLE DATE: 06/13/95
SAMPLE TIME: 1140
SAMPLED BY: BT
RECEIVED BY: GO
DATE & TIME RECEIVED: 06/13/95 1400

Project Location:
Station: W-2D

BASE NEUTRALS/ACID EXTRACTABLES

PARAMETER	RESULTS	DET. LIMIT
31. Dimethylphthalate	< 10.0 ug/L	10.0 ug/L
32. Acenaphthylene	< 10.0 ug/L	10.0 ug/L
33. 2,6-Dinitrotoluene	< 10.0 ug/L	10.0 ug/L
34. 3-Nitroaniline	< 50.0 ug/L	50.0 ug/L
35. Acenaphthene	< 10.0 ug/L	10.0 ug/L
36. 2,4-Dinitrophenol	< 50.0 ug/L	50.0 ug/L
37. 4-Nitrophenol	< 50.0 ug/L	50.0 ug/L
38. Dibenzofuran	< 10.0 ug/L	10.0 ug/L
39. 2,4-Dinitrotoluene	< 10.0 ug/L	10.0 ug/L
40. Diethylphthalate	< 10.0 ug/L	10.0 ug/L
41. 4-Chlorophenyl-phenylether	< 10.0 ug/L	10.0 ug/L
42. Fluorene	< 10.0 ug/L	10.0 ug/L
43. 4-Nitroaniline	< 50.0 ug/L	50.0 ug/L
44. 4,6-Dinitro-2-methylphenol	< 50.0 ug/L	50.0 ug/L
45. N-Nitrosodiphenylamine	< 10.0 ug/L	10.0 ug/L
46. 4-Bromophenyl-phenylether	< 10.0 ug/L	10.0 ug/L
47. Hexachlorobenzene	< 10.0 ug/L	10.0 ug/L
48. Pentachlorophenol	< 50.0 ug/L	50.0 ug/L
49. Phenanthrene	< 10.0 ug/L	10.0 ug/L
50. Anthracene	< 10.0 ug/L	10.0 ug/L
51. Di-n-butylphthalate	< 10.0 ug/L	10.0 ug/L
52. Fluoranthene	< 10.0 ug/L	10.0 ug/L
53. Pyrene	< 10.0 ug/L	10.0 ug/L
54. Butylbenzylphalate	< 10.0 ug/L	10.0 ug/L
55. 3,3'-Dichlorobenzidine	< 20.0 ug/L	20.0 ug/L
56. Benzo(a)anthracene	< 10.0 ug/L	10.0 ug/L
57. Chrysene	< 10.0 ug/L	10.0 ug/L
58. bis-(2-Ethylhexyl)phthalate	< 10.0 ug/L	10.0 ug/L
59. Di-n-octyl phthalate	< 10.0 ug/L	10.0 ug/L
60. Benzo(b)fluoranthene	< 10.0 ug/L	10.0 ug/L

PHILIP ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0
• AIHA ACCREDITATION NO. 120439
• NY DOH 10903
• PA DER 06-353
• NJ DEP 77020

Client: World Resources Company
Project: 199583

01202 w 2 D
Lab Sample: 1431568 - continued

	RESULT	UNITS	METHOD	DATE	ANALYST
1,2-Dichloropropane	< 1	ug/l			
1,3-Dichloropropene (Total)	< 1	ug/l			
trans-1,3-Dichloropropene	< 1	ug/l			
Ethylbenzene	< 1	ug/l			
Methylene chloride	< 1	ug/l			
1,1,2,2-Tetrachloroethane	< 1	ug/l			
Tetrachloroethene (PCE)	< 1	ug/l			
Toluene	< 1	ug/l			
1,1,1-Trichloroethane	< 1	ug/l			
1,1,2-Trichloroethane	< 1	ug/l			
Trichloroethylene (TCE)	< 1	ug/l			
Trichlorofluoromethane	< 1	ug/l			
Vinyl chloride	< 1	ug/l			
TCL SEMIVOLATILES			8270C	02-JAN-01	MDJ
Acenaphthene	< 10.0	ug/l			
Acenaphthylene	< 10.0	ug/l			
Anthracene	< 10.0	ug/l			
Benzo(a)anthracene	< 10.0	ug/l			
Benzo(a)pyrene	< 10.0	ug/l			
Total Benzo(b) & Benzo(k) fluoranthene	< 20	ug/l			
Benzo(g,h,i)perylene	< 10.0	ug/l			
Benzyl butyl phthalate	< 10.0	ug/l			
Bis(2-chloroethyl)ether	< 10.0	ug/l			
Bis(2-chloroethoxy)methane	< 10.0	ug/l			
Bis(2-chloroisopropyl)ether	< 10.0	ug/l			
Bis(2-ethylhexyl)phthalate	< 10.0	ug/l			
4-Bromophenyl phenyl ether	< 10.0	ug/l			
Carbazole	< 10.0	ug/l			
4-Chloroaniline	< 10.0	ug/l			
4-Chloro-3-methylphenol	< 10.0	ug/l			
2-Chloronaphthalene	< 10.0	ug/l			
2-Chlorophenol	< 10.0	ug/l			
4-Chlorophenyl phenyl ether	< 10.0	ug/l			
Chrysene	< 10.0	ug/l			
Dibenzofuran	< 10.0	ug/l			
1,3-Dichlorobenzene	< 10.0	ug/l			
1,4-Dichlorobenzene	< 10.0	ug/l			
2,4-Dichlorophenol	< 10.0	ug/l			
Di-n-octylphthalate	< 10.0	ug/l			
3,3'-Dichlorobenzidine	< 10.0	ug/l			
Di-n-butylphthalate	< 10.0	ug/l			
1,2-Dichlorobenzene	< 10.0	ug/l			
Dibenzo(a,h)anthracene	< 10.0	ug/l			
Dimethyl phthalate	< 10.0	ug/l			
2,6-Dinitrotoluene	< 10.0	ug/l			
2,4-Dinitrotoluene	< 10.0	ug/l			

PHILIP ANALYTICAL SERVICES

LABORATORY REPORT

INDUSTRIAL HYGIENE — ENVIRONMENTAL TESTING

- EPA/NVLAP 101262-0
- AIHA ACCREDITATION NO. 8707
- NY DOH 10903
- PA DER 06-353
- NJ DEP 77678

Client: World Resources Company
Project: 165822

	AS RECEIVED BASIS	DRY BASIS	UNITS	METHOD	DATE	ANALYST
W-2D						
Lab Sample: 1287724 - continued						
Bis(2-ethylhexyl)phthalate	< 10		ug/l			
Bis(2-chloroisopropyl)ether	< 10		ug/l			
4-Bromophenyl phenyl ether	< 10		ug/l			
2-Chloronaphthalene	< 10		ug/l			
4-Chlorophenyl phenyl ether	< 10		ug/l			
Chrysene	< 10		ug/l			
Dibenzo[a,h]anthracene	< 10		ug/l			
Di-n-butylphthalate	< 10		ug/l			
1,3-Dichlorobenzene	< 10		ug/l			
1,2-Dichlorobenzene	< 10		ug/l			
1,4-Dichlorobenzene	< 10		ug/l			
3,3'-Dichlorobenzidine	< 10		ug/l			
Diethyl phthalate	< 10		ug/l			
Dimethyl phthalate	< 10		ug/l			
1,2-Diphenylhydrazine	< 10		ug/l			
2,4-Dinitrotoluene	< 10		ug/l			
2,6-Dinitrotoluene	< 10		ug/l			
Di-n-octylphthalate	< 10		ug/l			
Fluoranthene	< 10		ug/l			
Fluorene	< 10		ug/l			
Hexachlorobenzene	< 10		ug/l			
Hexachlorobutadiene	< 10		ug/l			
Hexachlorocyclopentadiene	< 10		ug/l			
Hexachloroethane	< 10		ug/l			
Indeno[1,2,3-cd]pyrene	< 10		ug/l			
Isophorone	< 10		ug/l			
Naphthalene	< 10		ug/l			
Nitrobenzene	< 10		ug/l			
n-Nitroso-di-n-propylamine	< 10		ug/l			
n-Nitrosodimethylamine	< 10		ug/l			
n-Nitrosodiphenylamine	< 10		ug/l			
Phenanthrene	< 10		ug/l			
Pyrene	< 10		ug/l			
1,2,4-Trichlorobenzene	< 10		ug/l			
W-3						
Lab Sample: 1287725						
sampled: 19-DEC-97						
PURGEABLE AROMATICS / HALOCARBONS				601/602	03-JAN-98	JPL
Benzene	< 1		ug/l			
Bromodichloromethane	< 1		ug/l			
Bromoform	< 1		ug/l			
Bromomethane	< 1		ug/l			
Carbon tetrachloride	< 1		ug/l			

PHILIP ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH 10903 • NJ DEP 77020
• AIHA ACCREDITATION NO. 100439 • PA DER 06-353

Client: World Resources Company
Project: 199583

01203 W2-S
Lab Sample: 1431569 - continued

	RESULT	UNITS	METHOD	DATE	ANALYST
Chloroethane	< 1	ug/l			
2-Chloroethylvinyl ether	< 10	ug/l			
Chloroform	< 1	ug/l			
Chloromethane	< 1	ug/l			
Dibromochloromethane	< 1	ug/l			
1,2-Dichlorobenzene	< 1	ug/l			
1,3-Dichlorobenzene	< 1	ug/l			
1,4-Dichlorobenzene	< 1	ug/l			
1,1-Dichloroethene	< 1	ug/l			
1,2-Dichloroethane (EDC)	< 1	ug/l			
1,1-Dichloroethane	< 1	ug/l			
trans-1,2-Dichloroethene	< 1	ug/l			
1,2-Dichloropropane	< 1	ug/l			
1,3-Dichloropropene (Total)	< 1	ug/l			
trans-1,3-Dichloropropene	< 1	ug/l			
Ethylbenzene	< 1	ug/l			
Methylene chloride	< 1	ug/l			
1,1,2,2-Tetrachloroethane	< 1	ug/l			
Tetrachloroethene (PCE)	< 1	ug/l			
Toluene	< 1	ug/l			
1,1,1-Trichloroethane	< 1	ug/l			
1,1,2-Trichloroethane	< 1	ug/l			
Trichloroethylene (TCE)	< 1	ug/l			
Trichlorofluoromethane	< 1	ug/l			
Vinyl chloride	< 1	ug/l			
TCL SEMIVOLATILES			8270C	02-JAN-01	MDJ
Acenaphthene	< 10.0	ug/l			
Acenaphthylene	< 10.0	ug/l			
Anthracene	< 10.0	ug/l			
Benzo(a)anthracene	< 10.0	ug/l			
Benzo(a)pyrene	< 10.0	ug/l			
Total Benzo(b) & Benzo(k) fluoranthene	< 20	ug/l			
Benzo(g,h,i)perylene	< 10.0	ug/l			
Benzyl butyl phthalate	< 10.0	ug/l			
Bis(2-chloroethyl)ether	< 10.0	ug/l			
Bis(2-chloroethoxy)methane	< 10.0	ug/l			
Bis(2-chloroisopropyl)ether	< 10.0	ug/l			
Bis(2-ethylhexyl)phthalate	< 10.0	ug/l			
4-Bromophenyl phenyl ether	< 10.0	ug/l			
Carbazole	< 10.0	ug/l			
4-Chloroaniline	< 10.0	ug/l			
4-Chloro-3-methylphenol	< 10.0	ug/l			
2-Chloronaphthalene	< 10.0	ug/l			
2-Chlorophenol	< 10.0	ug/l			
4-Chlorophenyl phenyl ether	< 10.0	ug/l			
Chrysene	< 10.0	ug/l			

07MAY91_0833_0873M0860

SSM/Laboratories

ANALYTICAL REPORT

CLIENT: Dale Schneck
World Resources Company
Walnut Lane
RD #5, Box 5553
Pottsville PA 17901

SAMPLE: 1018099
PROJECT: 104708
PO NO:
REPORTED: 07-MAY-91
RECEIVED: 25-APR-91
WORK ORDER:

CLIENT SAMPLE IDENTIFICATION: 104102

SAMPLE DESCRIPTION: Well Water

W-4 4'91

SAMPLING DATE: 24-APR-91 BY: D. Schneck

Purgeable Aromatics / Halocarbons	UNITS	RESULT
Benzene	ug/l	< 1
Bromodichloromethane	ug/l	< 1
Bromoform	ug/l	< 1
Bromomethane	ug/l	< 2
Carbon tetrachloride	ug/l	< 1
Chlorobenzene	ug/l	< 1
Chloroethane	ug/l	< 2
2-Chloroethylvinyl ether	ug/l	< 2
Chloroform	ug/l	< 1
Chloromethane	ug/l	< 2
Dibromochloromethane	ug/l	< 1
1,2-Dichlorobenzene	ug/l	< 1
1,3-Dichlorobenzene	ug/l	< 1
1,4-Dichlorobenzene	ug/l	2
1,1-Dichloroethene	ug/l	< 1
1,2-Dichloroethane	ug/l	< 1
1,1-Dichloroethane	ug/l	< 1
trans-1,2-Dichloroethene	ug/l	< 1
1,2-Dichloropropane	ug/l	< 1
cis-1,3-Dichloropropene	ug/l	< 1
trans-1,3-Dichloropropene	ug/l	< 1
Ethylbenzene	ug/l	< 1
Methylene chloride	ug/l	< 1
1,1,2,2-Tetrachloroethane	ug/l	< 1
Tetrachloroethene	ug/l	< 1
Toluene	ug/l	< 1

30 Noble Street ■ P.O. Box 6527 ■ Reading, PA 19611-0527 ■ 215/376-4595 or 215/376-6581 ■ Fax: 215/376-8522
Engineering Offices in Baltimore, Lehigh Valley, Reading and Trenton.

SSM /Laboratories
SPOTTS, STEVENS and McCOY, INC
ENGINEERS • PLANNERS • SCIENTISTS

ANALYTICAL REPORT

CLIENT: DALE SCHNECK
World Resources Company
Walnut Lane
RD #5, Box 5553
Pottsville PA 17901

SAMPLE: 1000383
PROJECT: 100117
PO NO:
REPORTED: 18-SEP-90
RECEIVED: 31-AUG-90
WORK ORDER:

PROJECT DESCRIPTION: WELL WATER

SAMPLE DESCRIPTION: 008073 W-4 AVG

SAMPLING DATE: 26-AUG-90 BY: D. SCHNECK

Purgeable Aromatics / Halocarbons	UNITS	RESULT
Benzene	ug/l	< 1.
Bromodichloromethane	ug/l	< 1.
Bromoform	ug/l	< 1.
Bromomethane	ug/l	< 2.
Carbon tetrachloride	ug/l	< 1.
Chlorobenzene	ug/l	2.
Chloroethane	ug/l	< 2.
2-Chloroethylvinyl ether	ug/l	< 2.
Chloroform	ug/l	< 1.
Chloromethane	ug/l	< 2.
Dibromochloromethane	ug/l	< 1.
1,2-Dichlorobenzene	ug/l	< 1.
1,3-Dichlorobenzene	ug/l	< 1.
1,4-Dichlorobenzene	ug/l	4.
1,1-Dichloroethene	ug/l	< 1.
1,2-Dichloroethane	ug/l	< 1.
1,1-Dichloroethane	ug/l	< 1.
trans-1,2-Dichloroethene	ug/l	< 1.
1,2-Dichloropropane	ug/l	< 1.
cis-1,3-Dichloropropene	ug/l	< 1.
trans-1,3-Dichloropropene	ug/l	< 1.
Ethylbenzene	ug/l	< 1.
Methylene chloride	ug/l	< 1.
1,1,2,2-Tetrachloroethane	ug/l	< 1.
Tetrachloroethene	ug/l	3.
Toluene	ug/l	< 1.
1,1,1-Trichloroethane	ug/l	< 1.
1,1,2-Trichloroethane	ug/l	< 1.
Trichloroethylene	ug/l	< 1.

345 North Wyomissing Boulevard P.O. Box 6307 Reading PA 19610-0307 (215) 376-6581 Fax (215) 376-6950
Other offices in Baltimore, Lehigh Valley and Trenton.

PHILIP ANALYTICAL SERVICES

LABORATORY REPORT

INDUSTRIAL HYGIENE — ENVIRONMENTAL TESTING

- EPA/NVLAP 101262-0
- AIHA ACCREDITATION NO. 8707
- NY DOH 10903
- PA DER 06-353
- NJ DEP 77678

Client: World Resources Company
Project: 165822

	AS RECEIVED BASIS	DRY BASIS	UNITS	METHOD	DATE	ANALYST
W-4						
Lab Sample: 1287726 - continued						
1,3-Dichlorobenzene	< 1		ug/l			
1,4-Dichlorobenzene	< 1		ug/l			
1,1-Dichloroethene	< 1		ug/l			
1,2-Dichloroethane (EDC)	< 1		ug/l			
1,1-Dichloroethane	< 1		ug/l			
trans-1,2-Dichloroethene	< 1		ug/l			
1,2-Dichloropropane	< 1		ug/l			
1,3-Dichloropropene (Total)	< 1		ug/l			
trans-1,3-Dichloropropene	< 1		ug/l			
Ethylbenzene	< 1		ug/l			
Methylene chloride	< 1		ug/l			
1,1,2,2-Tetrachloroethane	< 1		ug/l			
Tetrachloroethene (PCE)	< 1		ug/l			
Toluene	< 1		ug/l			
1,1,1-Trichloroethane	< 1		ug/l			
1,1,2-Trichloroethane	< 1		ug/l			
Trichloroethylene (TCE)	< 1		ug/l			
Trichlorofluoromethane	< 1		ug/l			
Vinyl chloride	< 1		ug/l			
BASE NEUTRAL EXTRACTABLES				625	29-DEC-97	JDS
Acenaphthene	< 10		ug/l			
Acenaphthylene	< 10		ug/l			
Anthracene	< 10		ug/l			
Benzidine	< 50		ug/l			
Benzo[a]anthracene	< 10		ug/l			
Benzo[b]fluoranthene	< 10		ug/l			
Benzo[k]fluoranthene	< 10		ug/l			
Benzo[a]pyrene	< 10		ug/l			
Benzo[g,h,i]perylene	< 10		ug/l			
Benzyl butyl phthalate	< 10		ug/l			
Bis(2-chloroethyl)ether	< 10		ug/l			
Bis(2-chloroethoxy)methane	< 10		ug/l			
Bis(2-ethylhexyl)phthalate	< 10		ug/l			
Bis(2-chloroisopropyl)ether	< 10		ug/l			
4-Bromophenyl phenyl ether	< 10		ug/l			
2-Chloronaphthalene	< 10		ug/l			
4-Chlorophenyl phenyl ether	< 10		ug/l			
Chrysene	< 10		ug/l			
Dibenzo[a,h]anthracene	< 10		ug/l			
Di-n-butylphthalate	< 10		ug/l			
1,3-Dichlorobenzene	< 10		ug/l			
1,2-Dichlorobenzene	< 10		ug/l			
1,4-Dichlorobenzene	< 10		ug/l			
3,3'-Dichlorobenzidine	< 10		ug/l			
Diethyl phthalate	< 10		ug/l			
Dimethyl phthalate	< 10		ug/l			

PHILIP ANALYTICAL SERVICES

INDUSTRIAL HYGIENE ENVIRONMENTAL TESTING

• EPA/NVLAP 101262-0 • NY DOH 10903 • NJ DEP 77020
• AIHA ACCREDITATION NO. 100439 • PA DER 06-353

Client: World Resources Company
Project: 199583

	RESULT	UNITS	METHOD	DATE	ANALYST
01204 w-4					
Lab Sample: 1431570					
sampled: 19-DEC-00 by: DS					
PURGEABLE AROMATICS / HALOCARBONS			601/602	28-DEC-00	DLK
Benzene	< 1	ug/l			
Bromodichloromethane	< 1	ug/l			
Bromoform	< 1	ug/l			
Bromomethane	< 1	ug/l			
Carbon tetrachloride	< 1	ug/l			
Chlorobenzene	< 1	ug/l			
Chloroethane	< 1	ug/l			
2-Chloroethylvinyl ether	< 10	ug/l			
Chloroform	< 1	ug/l			
Chloromethane	< 1	ug/l			
Dibromochloromethane	< 1	ug/l			
1,2-Dichlorobenzene	< 1	ug/l			
1,3-Dichlorobenzene	< 1	ug/l			
1,4-Dichlorobenzene	< 1	ug/l			
1,1-Dichloroethene	< 1	ug/l			
1,2-Dichloroethane (EDC)	< 1	ug/l			
1,1-Dichloroethane	< 1	ug/l			
trans-1,2-Dichloroethene	< 1	ug/l			
1,2-Dichloropropane	< 1	ug/l			
1,3-Dichloropropene (Total)	< 1	ug/l			
trans-1,3-Dichloropropene	< 1	ug/l			
Ethylbenzene	< 1	ug/l			
Methylene chloride	< 1	ug/l			
1,1,2,2-Tetrachloroethane	< 1	ug/l			
Tetrachloroethene (PCE)	3	ug/l			
Toluene	< 1	ug/l			
1,1,1-Trichloroethane	< 1	ug/l			
1,1,2-Trichloroethane	< 1	ug/l			
Trichloroethylene (TCE)	< 1	ug/l			
Trichlorofluoromethane	< 1	ug/l			
Vinyl chloride	< 1	ug/l			
TCL SEMIVOLATILES			8270C	02-JAN-01	MDJ
Acenaphthene	< 10.0	ug/l			
Acenaphthylene	< 10.0	ug/l			
Anthracene	< 10.0	ug/l			
Benzo(a)anthracene	< 10.0	ug/l			
Benzo(a)pyrene	< 10.0	ug/l			
Total Benzo(b) & Benzo(k) fluoranthene	< 20	ug/l			
Benzo(g,h,i)perylene	< 10.0	ug/l			
Benzyl butyl phthalate	< 10.0	ug/l			
Bis(2-chloroethyl)ether	< 10.0	ug/l			
Bis(2-chloroethoxy)methane	< 10.0	ug/l			
Bis(2-chloroisopropyl)ether	< 10.0	ug/l			
Bis(2-ethylhexyl)phthalate	< 10.0	ug/l			