CECIL E. WOOD
County Manager

JOE O. BREWER
County Attorney

Alene E. Faw
Clerk

COUNTY OF WILKES

WILKES COUNTY OFFICE BUILDING
WILKESBORO,
NORTH CAROLINA 28697-2427
651-7346

JOE. H. BYRD, Chairman
C. C. JACK COMBS, Vice Chairman
ROGER D. SMITHEY
HENRY FORD RASH
R. TRACY WALKER

June 18, 1990

97-02

Fac/Perm/Co ID #	Date	Doc ID#.
97-02	9/29/2011	DIN 14598

Newman Brothers, Inc.
909 Highway 268 West
Elkin, North Carolina 28621

Gentlemen:

Attached are copies of reports on three wells at the Dan Johnson Landfill. Also attached is a copy of a construction report.

Please complete a construction report on each well and return a copy to us.

If you have any questions, please advise.

Sincerely,

Cecil E. Wood

Cecil E. Wood
Wilkes County Manager

CEW/aef

Enclosures: 4

N. C. Department of Human Resources
Division of Health Services

WELL COMPLETION RECORD

COMPLETE ALL INFORMATION REQUESTED BELOW FOR EACH WELL INSTALLED, AND RETURN FORM TO THE N.C DEPARTMENT OF HUMAN RESOURCES, SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH P. O. BOX 2091, RALEIGH, N.C. 27602

NAME OF SITE: EAST WILKES LANDFILL DAN JOHNSON LANDFILL

PERMIT NO.: 97-02

ADDRESS: Rt 2 Box 4 ELKIN, NC 28621

OWNER (print): DAN JOHNSON

DRILLING CONTRACTOR: NEWMAN BROS INC

REGISTRATION NO.: 10

Casing Type: PVC dia. 2" in. Grout Depth: from 0 to 26½ ft. dia. 6" in

Casing Depth: from 18" to 28½ ft. - dia. 2" in. Bentonite Seal: from 26½ to 27½ ft. dia. 6" in

Screen Type: SHUR SEAL 105 dia. 2" in. Sand/Gravel PK: from 27½ to 60" ft. dia. 6" in

Screen Depth: from 28½ to 38½ ft. - dia. 2" in. Total Well Depth: from 0 to 60" ft. dia. 6" in

Static Water Level: 30' feet from top of casing Date Measured 6/17/90

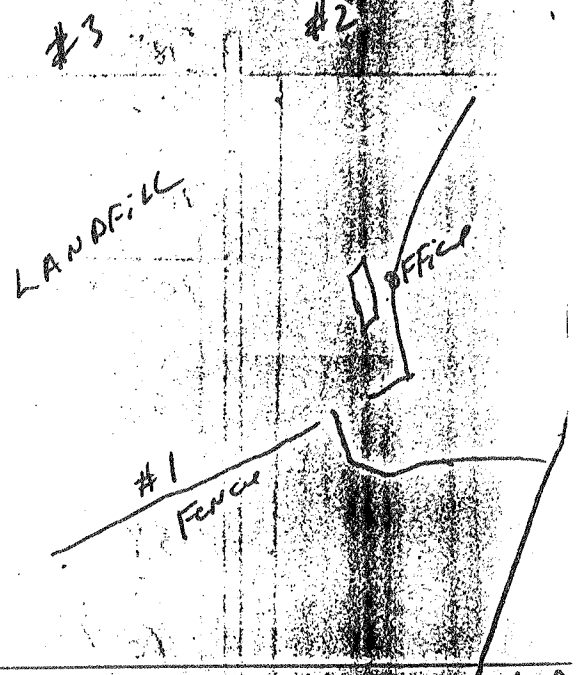
Yield (gpm): _____ Method of Testing: _____ Casing is 1½' feet above land surface

DRILLING LOG

DEPTH FROM	TO	FORMATION DESCRIPTION
0	30'	Red CLAY
30'	40'	GRANITE ROCK
40'	60'	GRANITE ROCK

LOCATION SKETCH

(show distance to numbered roads, or other map reference points)



OFF GREENHORN Rd

REMARKS: Well #1 60'

DATE: 6-12-90 SIGNATURE: Dan Johnson

DHS 3342 (6/85)
Solid & Hazardous Waste Management Branch

Division of Health Services

WELL COMPLETION RECORD

COMPLETE ALL INFORMATION REQUESTED BELOW FOR EACH WELL INSTALLED, AND RETURN FORM TO THE N.C. DEPARTMENT OF HUMAN RESOURCES, SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH P. O. BOX 2091, RALEIGH, N.C. 27602

NAME OF SITE: EAST WILKES LANDFILL ← DAN JOHNSON LANDFILL

PERMIT NO.: 97-02

ADDRESS: Rt 2 Box 4 ELKIN, NC 28621

OWNER (print): DAN JOHNSON

DRILLING CONTRACTOR: NEWMAN BROS INC

REGISTRATION NO.: 10

Casing Type: PVC dia. 2" in.
Casing Depth: from 0 to 20 ft. - dia. 2" in.
Screen Type: SHUR SEAL 105 dia. 2" in.
Screen Depth: from 20 to 30 ft. - dia. 2" in.

Grout Depth: from 0 to 18 ft. - dia. 6" in
Bentonite Seal: from 18 to 20 ft. - dia. 6" in
Sand/Gravel PK: from 19 to 30 ft. - dia. 6" in
Total Well Depth: from 0 to 30 ft. - dia. 6" in

Static Water Level: 20' feet from top of casing

Date Measured 6/7/90

Yield (gpm): _____ Method of Testing: _____

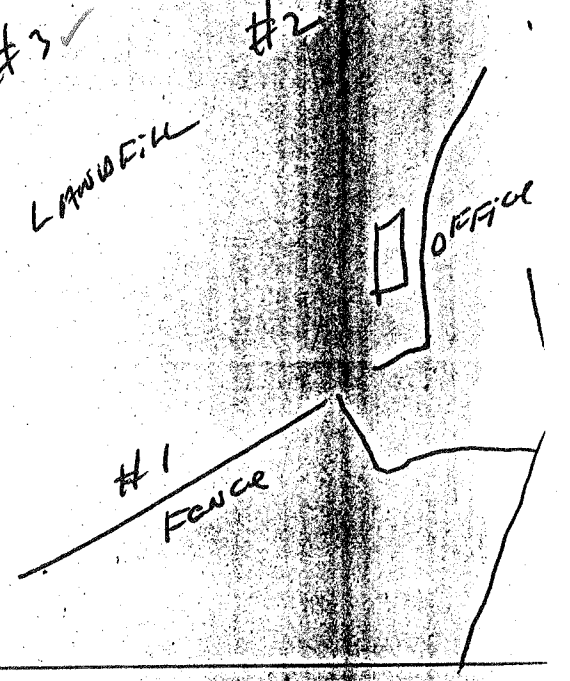
Casing is 18" feet above land surface

DRILLING LOG

DEPTH FROM	DEPTH TO	FORMATION DESCRIPTION
0	20'	Red Clay - SAND
20'	30'	" " "

LOCATION SKETCH

(show distance to numbered roads, or other map reference points)



REMARKS: Well #2 30' OFF GREENHORN Rd

DATE: 6-12-90 SIGNATURE: Dan Johnson

DHS 3342 (6/85)
Solid & Hazardous Waste Management Branch

WELL COMPLETION RECORD

COMPLETE ALL INFORMATION REQUESTED BELOW FOR EACH WELL INSTALLED, AND RETURN FORM TO THE N.C DEPARTMENT OF HUMAN RESOURCES, SOLID AND HAZARDOUS WASTE MANAGEMENT BRANCH P. O. BOX 2091, RALEIGH, N.C. 27602

NAME OF SITE: EAST WILKES LANDFILL
DAN JOHNSON LANDFILL

PERMIT NO.: 97-27

ADDRESS: Rt 2 BOX 4 ELKIN NC28621

OWNER (print): DAN JOHNSON

DRILLING CONTRACTOR: NEWMAN BROS INC

REGISTRATION NO.: 10

Casing Type: PVC dia. 2 in.
Casing Depth: from 0 to 30 ft. - dia. 2 in.
Screen Type: SAVA SEAL 105 dia. 2 in.
Screen Depth: from 30 to 40 ft. - dia. 2 in.

Grout Depth: from 0 to 27 ft. - dia. 6 in
Bentonite Seal: from 27 to 28 ft. - dia. 6 in
Sand/Gravel PK: from 28 to 40 ft. - dia. 6 in
Total Well Depth: from 0 to 40 ft. - dia. 6 in

Static Water Level: 30' feet from top of casing

Date Measured 6/7/90

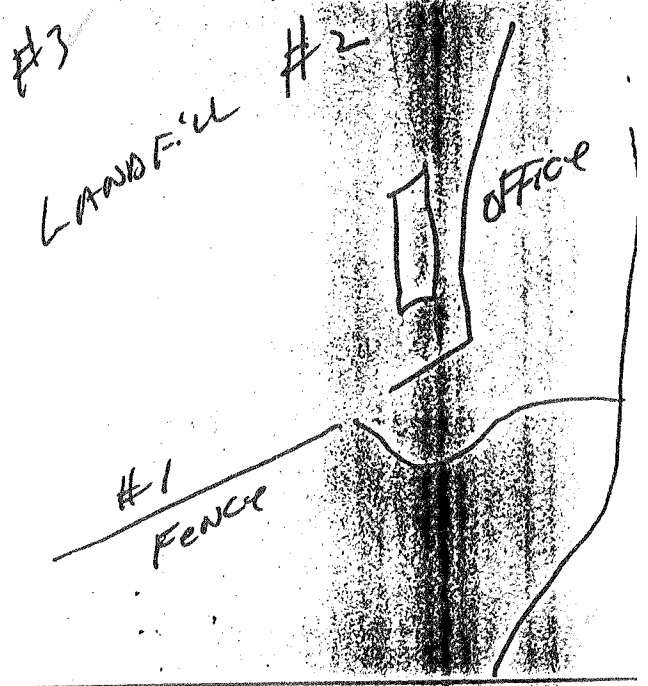
Yield (gpm): _____ Method of Testing: _____ Casing is _____ feet above land surfac

DRILLING LOG

DEPTH FROM	TO	FORMATION DESCRIPTION
0	10	Red CLAY SAND
10	20	BROWN SAND
20	30'	" " "
30	40	" " "

LOCATION SKETCH

(show distance to numbered roads, or other map reference points)



REMARKS: Well #3 40' OFF BROCKHORN Rd

DATE: 6-12-90 SIGNATURE: Dan Johnson

DHS 3342 (6/85)
Solid & Hazardous Waste Management Branch

502 1 420 000 FEET 503 57'30" 504 505 (RONDA) 506 507 55' 508

4856 III NW

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

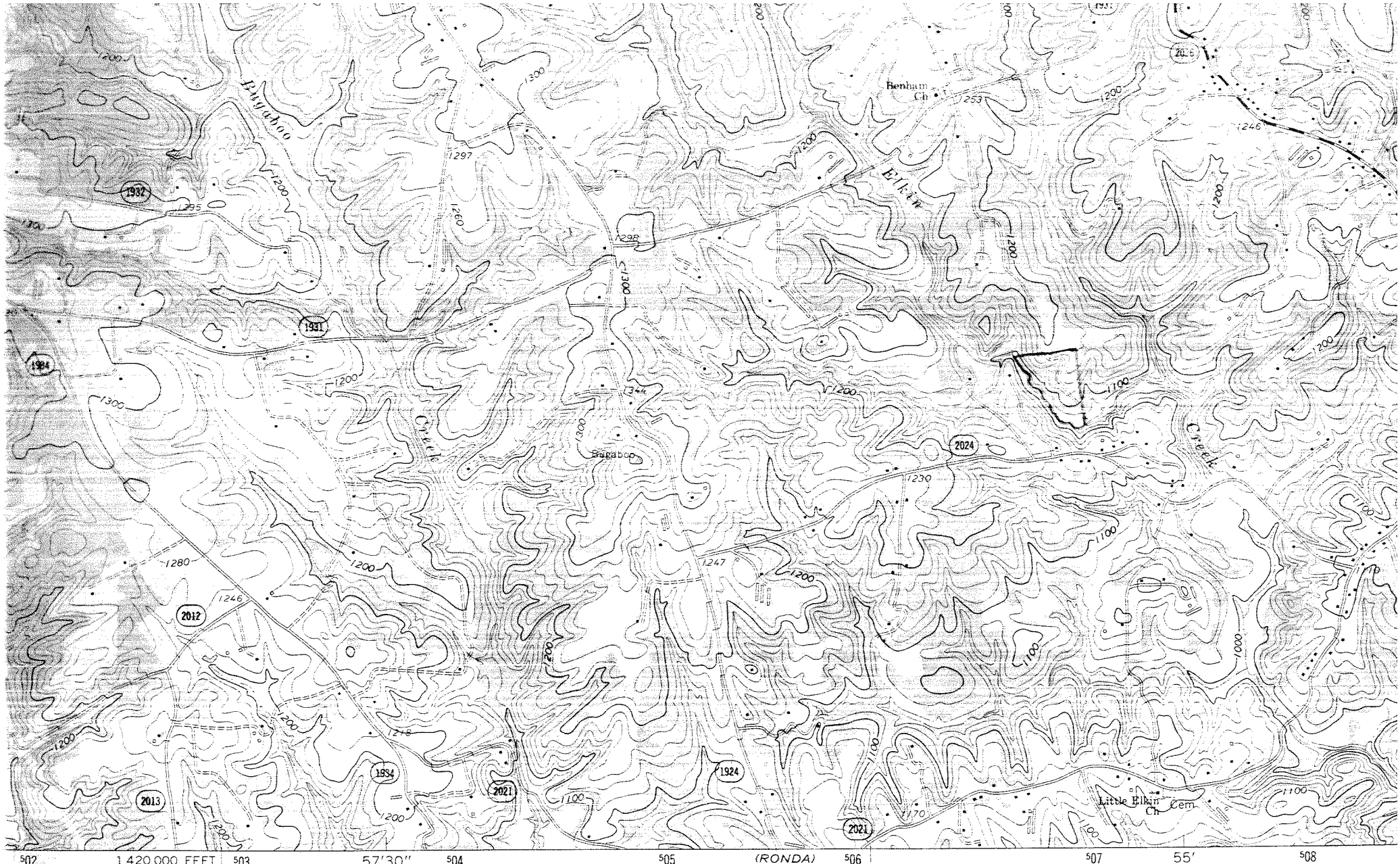
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

MN GN

3½° 62 MILS 0°02' 1 MIL

UTM GRID AND 1971 MAGNETIC NORTH

N.C.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RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS. SIDNEY L. CHAMPION NC #34 DIRECTOR CERTIFIED ANALYSIS

Table II - Inorganic Analysis (Appendix I - Subtitle D) for Selected Monitoring Wells at the Wilkes County Dan Johnson Landfill - 28 April 1995

Inorganics Parameter	EPA Method	Quantitation Limits(mg/l)	MW-1 (mg/l)	MW-2 (mg/l)	MW-3 (mg/l)	Upstream (mg/l)	Downstream (mg/l)
Arsenic	7060	0.010	BQL	BQL	BQL	BQL	BQL
Antimony	7041	0.030	BQL	BQL	BQL	BQL	BQL
Barium	200.7	0.500	BQL	BQL	0.602	BQL	BQL
Beryllium	200.7	0.002	BQL	0.003	0.006	BQL	BQL
Cadmium	7131	0.001	BQL	BQL	0.001	BQL	BQL
Chromium	200.7	0.010	BQL	BQL	BQL	BQL	BQL
Cobalt	200.7	0.010	BQL	0.046	0.115	BQL	BQL
Copper	200.7	0.200	BQL	BQL	BQL	BQL	BQL
Lead	7421	0.010	BQL	BQL	0.018	BQL	BQL
Nickel	200.7	0.050	BQL	BQL	BQL	BQL	BQL
Selenium	7740	0.020	BQL	BQL	BQL	BQL	BQL
Silver	200.7	0.010	BQL	BQL	BQL	BQL	BQL
Thallium	7841	0.010	BQL	BQL	BQL	BQL	BQL
Zinc	200.7	0.050	BQL	0.052	0.074	0.112	BQL
Vanadium	200.7	0.040	BQL	BQL	BQL	BQL	BQL
Sample Number			236586	236587	236588	236589	236590
Sample Date			4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Sample Time			1125	1100	1033	1112	1030

mg/l = milligrams per liter = parts per million
BQL = Below Quantitation Limits

P.O. Box 473 • 106 Short Street • Kernersville, North Carolina 27284 • 910/996-2841

RESEARCH & ANALYTICAL LABORATORIES, INC.

Analytical/Process Consultations

RESEARCH & ANALYTICAL LABS. SIDNEY L. CHAMPION NC #34 CERTIFIED ANALYSIS

Table I - Volatile Organic Analysis (Appendix I-Subtitle D) for Selected Monitoring Wells at the Wilkes County Dan Johnson Landfill - 28 April 1995

Volatile Organics EPA Method 8260 Parameter	Quantitation Limit(mg/l)		MW-1 (mg/l)	MW-2 (mg/l)	MW-3 (mg/l)	Upstream (mg/l)	Downstream (mg/l)
Methylene Chloride	0.010	5	0.036	BQL	0.011	BQL	BQL
Trichlorofluoromethane	0.005		BQL	BQL	BQL	BQL	BQL
1,1-Dichloroethene	0.005		BQL	BQL	BQL	BQL	BQL
1,1-Dichloroethane	0.005	700	0.015	0.010	BQL	BQL	BQL
Chloroform	0.005		BQL	BQL	BQL	BQL	BQL
Carbon Tetrachloride	0.010		BQL	BQL	BQL	BQL	BQL
1,2-Dichloropropane	0.005		BQL	BQL	BQL	BQL	BQL
Trichloroethene	0.005		BQL	BQL	BQL	BQL	BQL
Dibromochloromethane	0.005		BQL	BQL	BQL	BQL	BQL
1,1,2-Trichloroethane	0.005		BQL	BQL	BQL	BQL	BQL
Tetrachloroethene	0.005		BQL	BQL	BQL	BQL	BQL
Chlorobenzene	0.005		BQL	BQL	BQL	BQL	BQL
Trans-1,2-Dichloroethene	0.005		BQL	BQL	BQL	BQL	BQL
1,2-Dichloroethane	0.005		BQL	BQL	BQL	BQL	BQL
1,1,1-Trichloroethane	0.005		BQL	BQL	BQL	BQL	BQL
Bromodichloromethane	0.005		BQL	BQL	BQL	BQL	BQL
Cis-1,3-Dichloropropene	0.010		BQL	BQL	BQL	BQL	BQL
Benzene	0.005		BQL	BQL	BQL	BQL	BQL
Trans-1,3-Dichloropropene	0.010		BQL	BQL	BQL	BQL	BQL
Bromoform	0.005		BQL	BQL	BQL	BQL	BQL
1,1,2,2-Tetrachloroethane	0.005		BQL	BQL	BQL	BQL	BQL
Toluene	0.005		BQL	BQL	BQL	BQL	BQL
Ethyl Benzene	0.005		BQL	BQL	BQL	BQL	BQL
Chloromethane	0.010		BQL	BQL	BQL	BQL	BQL
Bromomethane	0.010		BQL	BQL	BQL	BQL	BQL
Vinyl Chloride	0.010		BQL	BQL	BQL	BQL	BQL
Chloroethane	0.010		BQL	BQL	BQL	BQL	BQL
Acetone	0.100		BQL	BQL	BQL	BQL	BQL
Carbon Disulfide	0.100		BQL	BQL	BQL	BQL	BQL
Vinyl Acetate	0.050		BQL	BQL	BQL	BQL	BQL
2-Butanone	0.100		BQL	BQL	BQL	BQL	BQL
4-Methyl-2-Pentanone	0.100		BQL	BQL	BQL	BQL	BQL
2-Hexanone	0.050		BQL	BQL	BQL	BQL	BQL
Styrene	0.010		BQL	BQL	BQL	BQL	BQL
Total Xylenes	0.005		BQL	BQL	BQL	BQL	BQL
Acrylonitrile	0.200		BQL	BQL	BQL	BQL	BQL
1,2-Dichlorobenzene	0.005		BQL	BQL	BQL	BQL	BQL
1,4-Dichlorobenzene	0.005		BQL	BQL	BQL	BQL	BQL
Trans-1,4-Dichloro-2-butene	0.100		BQL	BQL	BQL	BQL	BQL
Cis-1,2-Dichloroethene	0.005	70	0.006	BQL	BQL	BQL	BQL
Methyl Iodide	0.010		BQL	BQL	BQL	BQL	BQL
Bromochloromethane	0.005		BQL	BQL	BQL	BQL	BQL
Dibromomethane	0.010		BQL	BQL	BQL	BQL	BQL
1,1,1,2-Tetrachloroethane	0.005		BQL	BQL	BQL	BQL	BQL
1,2,3-Trichloropropane	0.015		BQL	BQL	BQL	BQL	BQL
1,2-Dibromo-3-Chloropropane(DBCP)	0.025		BQL	BQL	BQL	BQL	BQL
1,2-Dibromoethane (EDB)	0.005		BQL	BQL	BQL	BQL	BQL
Sample Number			236586	236587	236588	236589	236590
Sample Date			4/28/95	4/28/95	4/28/95	4/28/95	4/28/95
Sample Time			1125	1100	1033	1112	1030

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