



HSI GEOTRANS

A TETRA TECH COMPANY

262-792-1282

FAX 262-792-1310

175 North Corporate Drive
Suite 100
Brookfield, Wisconsin
53045

43
6-26-2002
P.W

June 23, 2000
(N734-101)

**R + R - OSH
RECEIVED**

JUN 26 2000

TRACKED 43
REVIEWED AT

Ms. Jennifer Tobias
Wisconsin Department of Natural Resources
625 E. County Road Y
Suite 700
Oshkosh, WI 54901-9731

Mr. Charles Warzecha
WI Division of Health & Social Services
1414 E. Washington Avenue
Room 96, Division of Health
Madison, WI 53703

RE: Ripon FF/NN Landfill Private Well Sampling Results 02-20-000915

Dear Jenna and Chuck:

Enclosed please find copies of the letters sent to the residents and the laboratory analytical results from the private well sampling conducted at three wells adjacent to the FF/NN Landfill in Ripon, Wisconsin in May 2000.

The well water was tested for the presence of volatile organic compounds (VOCs). As you can see from the enclosed laboratory sheets, no VOCs were detected in the water samples analyzed by Test America, Inc. (f.k.a. National Environmental Testing, Inc.).

Should you have any questions concerning the water quality results, please feel free to call me at 262-792-1282.

Sincerely,

HSI GEOTRANS

Gerald L. DeMers, P.E.
Senior Engineer

GLD/jf



HSI GEOTRANS

A TETRA TECH COMPANY

175 North Corporate Drive
Suite 100
Brookfield, Wisconsin
53045

262-792-1282 FAX 262-792-1310

June 23, 2000
(N734-101)

Mr. Jeff Gaastra
W14297 Charles Street
Ripon, WI 54971

RE: Results of Well Water Testing Conducted May 2000

Dear Mr. Gaastra:

A water sample was collected from your home in May 2000 by HSI GeoTrans, Inc. and submitted for laboratory analysis. This testing was performed as part of the groundwater monitoring being conducted in cooperation with the Wisconsin Department of Natural Resources at the FF/NN Landfill in Ripon.

Your well water was tested for the presence of volatile organic compounds (VOCs). No VOCs were detected in the water sample from your well. Neither the FF/NN Landfill nor any other contaminant source has impacted your well with VOCs. A copy of the laboratory results is attached. Note that the "<" in the results column means that a compound was undetected.

Should you have any questions concerning your water quality results, please feel free to call me collect at 262-792-1282, or call Chuck Warzecha at the Wisconsin Division of Health at 608-267-3732. Jennifer Tobias, the project manager at the WDNR, can also assist you with any questions at 920-424-7887.

Sincerely,

HSI GEOTRANS

Gerald L. DeMers
Gerald L. DeMers
Senior Engineer

GLD:jf

cc: Jennifer Tobias, WDNR
Chuck Warzecha, DHSS

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 393998
 Account No: 39150
 Page 30 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467201 Gaastra Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 12:40

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|------|----------|---------------|----------------|
| Odor | No | | n/a | n/a | | 05/03/2000 | 1599 |
| Color | No | | n/a | n/a | | 05/03/2000 | 1596 |
| Turbidity | No | | n/a | n/a | | 05/03/2000 | 1521 |
| VOC - AQUEOUS - EPA 8260B | | | | | | | |
| Misc VOC Compounds | | | | | | | |
| Acetone | <2.0 | ug/L | 2.0 | 6.6 | SW 8260B | 05/10/2000 | 223 |
| Acrolein | C <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Acrylonitrile | <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Benzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Bromobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromochloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromodichloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromoform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Butanone (MEK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| n-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| sec-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| tert-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Carbon Disulfide | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Carbon Tetrachloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorodibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Chlorotoluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 4-Chlorotoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromo-3-Chloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromoethane (EDB) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,4-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dichlorodifluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 393998
 Account No: 39150
 Page 31 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467201 Gaastra Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 12:40

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|--------|----------|---------------|----------------|
| 1,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Di-isopropyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Ethylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexachlorobutadiene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Isopropylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| p-Isopropyltoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Methylene Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 4-Methyl-2-pentanone (MIBK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Methyl-t-butyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Naphthalene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| n-Propylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Styrene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrachloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrahydrofuran | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Toluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichlorofluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,3,5-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Xylenes, Total | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Dibromofluoromethane | 102.2 | µ | | 88-116 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Toluene-d8 | 107.8 | µ | | 88-113 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Bromofluorobenzene | 102.2 | µ | | 91-111 | SW 8260B | 05/10/2000 | 1907 |
| Temperature, field | 12.9 | C | n/a | n/a | | 05/03/2000 | 1686 |

ANALYTICAL REPORT

Ms. Judy Fassbender
HYDRO-SEARCH, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

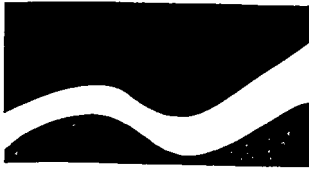
05/18/2000
Job No: 00.03658
Sample No: 393998
Account No: 39150
Page 32 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00467201 Gaastra Well N734 Ripon LF
Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 12:40

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|---------------------------|---------|----------|-----|-----|-----------|---------------|----------------|
| pH, Field | 7.49 | units | n/a | n/a | EPA 150.1 | 05/03/2000 | 1948 |
| Field Conductivity @ 25 C | 384.1 | umhos/cm | n/a | n/a | | 05/03/2000 | 1467 |



HSI GEOTRANS

A TETRA TECH COMPANY

175 North Corporate Drive
Suite 100
Brookfield, Wisconsin
53045

262-792-1282 FAX 262-792-1310

June 23, 2000
(N734-101)

Mr. Greg Baneck
W14298 Charles Street
Ripon, WI 54971

RE: Results of Well Water Testing Conducted May 2000

Dear Mr. Baneck:

A water sample was collected from your home in May 2000 by HSI GeoTrans, Inc. and submitted for laboratory analysis. This testing was performed as part of the groundwater monitoring being conducted in cooperation with the Wisconsin Department of Natural Resources at the FF/NN Landfill in Ripon.

Your well water was tested for the presence of volatile organic compounds (VOCs). No VOCs were detected in the water sample from your well. Neither the FF/NN Landfill nor any other contaminant source has impacted your well with VOCs. A copy of the laboratory results is attached. Note that the "<" in the results column means that a compound was undetected.

Should you have any questions concerning your water quality results, please feel free to call me collect at 262-792-1282, or call Chuck Warzecha at the Wisconsin Division of Health at 608-267-3732. Jennifer Tobias, the project manager at the WDNR, can also assist you with any questions at 920-424-7887.

Sincerely,

HSI GEOTRANS

Gerald L. DeMers
Senior Engineer

GLD:jf

cc: Jennifer Tobias, WDNR
Chuck Warzecha, DHSS

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 393999
 Account No: 39150
 Page 33 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467203 Baneck Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:00

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|------|----------|---------------|----------------|
| Odor | No | | n/a | n/a | | 05/03/2000 | 1599 |
| Color | No | | n/a | n/a | | 05/03/2000 | 1596 |
| Turbidity | No | | n/a | n/a | | 05/03/2000 | 1521 |
| VOC - AQUEOUS - EPA 8260B | | | | | | | |
| Misc VOC Compounds | | | | | | | |
| Acetone | <2.0 | ug/L | 2.0 | 6.6 | SW 8260B | 05/10/2000 | 223 |
| Acrolein | C <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Acrylonitrile | <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Benzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Bromobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromochloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromodichloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromoform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Butanone (MEK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| n-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| sec-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| tert-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Carbon Disulfide | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Carbon Tetrachloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorodibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Chlorotoluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 4-Chlorotoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromo-3-Chloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromoethane (EDB) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,4-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dichlorodifluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 393999
 Account No: 39150
 Page 34 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467203 Baneck Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:00

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|--------|----------|---------------|----------------|
| 1,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Di-isopropyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Ethylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexachlorobutadiene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Isopropylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| p-Isopropyltoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Methylene Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 4-Methyl-2-pentanone (MIBK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Methyl-t-butyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Naphthalene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| n-Propylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Styrene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrachloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrahydrofuran | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Toluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichlorofluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,3,5-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Xylenes, Total | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Dibromofluoromethane | 103.2 | µ | | 88-116 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Toluene-d8 | 108.4 | µ | | 88-113 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Bromofluorobenzene | 100.6 | µ | | 91-111 | SW 8260B | 05/10/2000 | 1907 |
| Temperature, field | 12.9 | C | n/a | n/a | | 05/03/2000 | 1686 |

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 393999
 Account No: 39150
 Page 35 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467203 Baneck Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:00

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date | Prep/Run |
|---------------------------|---------|----------|-----|-----|-----------|------------|----------|
| | | | | | | Analyzed | Batch |
| pH, Field | 7.58 | units | n/a | n/a | EPA 150.1 | 05/03/2000 | 1948 |
| Field Conductivity @ 25 C | 466.6 | umhos/cm | n/a | n/a | | 05/03/2000 | 1467 |



HSI GEOTRANS

A TETRA TECH COMPANY

175 North Corporate Drive
Suite 100
Brookfield, Wisconsin
53045

262-792-1282 FAX 262-792-1310

June 23, 2000
(N734-101)

Mr. William Miller
N8756 S. Koro Road
Ripon, WI 54971

RE: Results of Well Water Testing Conducted May 2000

Dear Mr. Miller:

A water sample and a duplicate sample for quality control purposes were collected from your home in May 2000 by HSI GeoTrans, Inc. and submitted for laboratory analysis. This testing was performed as part of the groundwater monitoring being conducted in cooperation with the Wisconsin Department of Natural Resources at the FF/NN Landfill in Ripon.

Your well water was tested for the presence of volatile organic compounds (VOCs). No VOCs were detected in the water sample from your well. Neither the FF/NN Landfill nor any other contaminant source has impacted your well with VOCs. A copy of the laboratory results is attached. Note that the "<" in the results column means that a compound was undetected.

Should you have any questions concerning your water quality results, please feel free to call me collect at 262-792-1282, or call Chuck Warzecha at the Wisconsin Division of Health at 608-267-3732. Jennifer Tobias, the project manager at the WDNR, can also assist you with any questions at 920-424-7887.

Sincerely,

HSI GEOTRANS

Gerald L. DeMers
Gerald L. DeMers
Senior Engineer

GLD:jf

cc: Jennifer Tobias, WDNR
Chuck Warzecha, DHSS

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 394000
 Account No: 39150
 Page 36 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467206 Miller Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:20

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|------|----------|---------------|----------------|
| Odor | No | | n/a | n/a | | 05/03/2000 | 1599 |
| Color | No | | n/a | n/a | | 05/03/2000 | 1596 |
| Turbidity | No | | n/a | n/a | | 05/03/2000 | 1521 |
| VOC - AQUEOUS - EPA 8260B | | | | | | | |
| Misc VOC Compounds | | | | | | | |
| Acetone | <2.0 | ug/L | 2.0 | 6.6 | SW 8260B | 05/10/2000 | 223 |
| Acrolein | C <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Acrylonitrile | <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Benzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Bromobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromochloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromodichloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromoform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Butanone (MEK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| n-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| sec-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| tert-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Carbon Disulfide | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Carbon Tetrachloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorodibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Chlorotoluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 4-Chlorotoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromo-3-Chloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromoethane (EDB) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,4-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dichlorodifluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 394000
 Account No: 39150
 Page 37 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467206 Miller Well N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:20

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|--------|----------|---------------|----------------|
| 1,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Di-isopropyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Ethylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexachlorobutadiene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Isopropylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| p-Isopropyltoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Methylene Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 4-Methyl-2-pentanone (MIBK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Methyl-t-butyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Naphthalene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| n-Propylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Styrene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrachloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrahydrofuran | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Toluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichlorofluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,3,5-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Xylenes, Total | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Dibromofluoromethane | 102.4 | µg | | 88-116 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Toluene-d8 | 107.4 | µg | | 88-113 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Bromofluorobenzene | 101.2 | µg | | 91-111 | SW 8260B | 05/10/2000 | 1907 |
| Temperature, field | 13.3 | C | n/a | n/a | | 05/03/2000 | 1686 |

ANALYTICAL REPORT

Ms. Judy Fassbender
HYDRO-SEARCH, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03658
Sample No: 394000
Account No: 39150
Page 38 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00467206 Miller Well N734 Ripon LF
Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:20

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|---------------------------|---------|----------|-----|-----|-----------|---------------|----------------|
| pH, Field | 7.48 | units | n/a | n/a | EPA 150.1 | 05/03/2000 | 1948 |
| Field Conductivity @ 25 C | 483.7 | umhos/cm | n/a | n/a | | 05/03/2000 | 1467 |

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 394001
 Account No: 39150
 Page 39 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467206 Miller Dupe N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:30

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|------|----------|---------------|----------------|
| Odor | No | | n/a | n/a | | 05/03/2000 | 1599 |
| Color | No | | n/a | n/a | | 05/03/2000 | 1596 |
| Turbidity | No | | n/a | n/a | | 05/03/2000 | 1521 |
| VOC - AQUEOUS - EPA 8260B | | | | | | | |
| Misc VOC Compounds | | | | | | | |
| Acetone | <2.0 | ug/L | 2.0 | 6.6 | SW 8260B | 05/10/2000 | 223 |
| Acrolein | <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Acrylonitrile | <5.0 | ug/L | 5.0 | 17 | SW 8260B | 05/10/2000 | 223 |
| Benzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Bromobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromochloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromodichloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromoform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Bromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Butanone (MEK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| n-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| sec-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| tert-Butylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Carbon Disulfide | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Carbon Tetrachloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chlorodibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloroform | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Chloromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2-Chlorotoluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 4-Chlorotoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromo-3-Chloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dibromoethane (EDB) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dibromomethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,4-Dichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Dichlorodifluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2-Dichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,2-Dichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |

ANALYTICAL REPORT

Ms. Judy Fassbender
 HYDRO-SEARCH, INC.
 175 N. Corporate Drive
 Suite 100
 Brookfield, WI 53045

05/18/2000
 Job No: 00.03658
 Sample No: 394001
 Account No: 39150
 Page 40 of 59

JOB DESCRIPTION: N734 FF/NN Landfill Ripon
 PROJECT DESCRIPTION: Groundwater Analysis
 SAMPLE DESCRIPTION: 00467206 Miller Dupe N734 Ripon LF
 Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:30

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|-----------------------------|---------|-------|------|--------|----------|---------------|----------------|
| 1,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,3-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,2-Dichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| cis-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| trans-1,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 2,3-Dichloropropene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Di-isopropyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Ethylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexachlorobutadiene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Hexane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Isopropylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| p-Isopropyltoluene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Methylene Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 4-Methyl-2-pentanone (MIBK) | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Methyl-t-butyl ether | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Naphthalene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| n-Propylbenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Styrene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2,2-Tetrachloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrachloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Tetrahydrofuran | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 223 |
| Toluene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trichlorobenzene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,1-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,1,2-Trichloroethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichloroethene | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Trichlorofluoromethane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,3-Trichloropropane | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| 1,2,4-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| 1,3,5-Trimethylbenzene | <0.10 | ug/L | 0.10 | 0.33 | SW 8260B | 05/10/2000 | 1907 |
| Vinyl Chloride | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Xylenes, Total | <0.25 | ug/L | 0.25 | 0.83 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Dibromofluoromethane | 101.8 | µ | | 88-116 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Toluene-d8 | 107.2 | µ | | 88-113 | SW 8260B | 05/10/2000 | 1907 |
| Surr: Bromofluorobenzene | 100.0 | µ | | 91-111 | SW 8260B | 05/10/2000 | 1907 |
| Temperature, field | 12.5 | C | n/a | n/a | | 05/03/2000 | 1686 |

ANALYTICAL REPORT

Ms. Judy Fassbender
HYDRO-SEARCH, INC.
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03658
Sample No: 394001
Account No: 39150
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JOB DESCRIPTION: N734 FF/NN Landfill Ripon
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: 00467206 Miller Dupe N734 Ripon LF
Rec'd 4 degrees C

Date/Time Taken: 05/03/2000 13:30

Date Received: 05/04/2000

| Parameter | Results | Units | MDL | LOQ | Method | Date Analyzed | Prep/Run Batch |
|---------------------------|---------|----------|-----|-----|-----------|---------------|----------------|
| pH, Field | 7.47 | units | n/a | n/a | EPA 150.1 | 05/03/2000 | 1948 |
| Field Conductivity @ 25 C | 479.6 | umhos/cm | n/a | n/a | | 05/03/2000 | 1467 |