



Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

RFA#GZA08033 REL#

Accutest Job Number: F61703

Sampling Dates: 11/17/08 - 11/19/08

Report to:


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Total number of pages in report: 118



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


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Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.

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Sample Summary

Chrysler LLC

Job No: F61703

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA#GZA08033 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|-----------|----------|--------|----------------------|------------------|
| | Date | Time By | | Code | Type | |
| F61703-1 | 11/17/08 | 11:05 GZA | 11/20/08 | AQ | Ground Water | MW-4 |
| F61703-2 | 11/17/08 | 13:24 GZA | 11/20/08 | AQ | Ground Water | MW-3 |
| F61703-3 | 11/18/08 | 09:30 GZA | 11/20/08 | AQ | Ground Water | MW-43D |
| F61703-4 | 11/18/08 | 10:50 GZA | 11/20/08 | AQ | Ground Water | MW-46D |
| F61703-5 | 11/18/08 | 12:15 GZA | 11/20/08 | AQ | Ground Water | MW-23D |
| F61703-6 | 11/18/08 | 13:54 GZA | 11/20/08 | AQ | Ground Water | MW-21D |
| F61703-7 | 11/18/08 | 14:55 GZA | 11/20/08 | AQ | Ground Water | MW-45D |
| F61703-7A | 11/18/08 | 14:55 GZA | 11/20/08 | AQ | Groundwater Filtered | MW-45D |
| F61703-8 | 11/17/08 | 00:00 GZA | 11/20/08 | AQ | Trip Blank Water | TRIP BLANK |
| F61703-9 | 11/19/08 | 09:15 GZA | 11/20/08 | AQ | Ground Water | MW-38D |
| F61703-9A | 11/19/08 | 09:15 GZA | 11/20/08 | AQ | Groundwater Filtered | MW-38D |
| F61703-10 | 11/19/08 | 10:35 GZA | 11/20/08 | AQ | Ground Water | MW-37D |
| F61703-10A | 11/19/08 | 10:35 GZA | 11/20/08 | AQ | Groundwater Filtered | MW-37D |



Sample Summary

(continued)

Chrysler LLC

Job No: F61703

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA#GZA08033 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|-----------|----------|--------|----------------------|------------------|
| | Date | Time By | | Code | Type | |
| F61703-11 | 11/19/08 | 11:55 GZA | 11/20/08 | AQ | Ground Water | MW-36D |
| F61703-11A | 11/19/08 | 11:55 GZA | 11/20/08 | AQ | Groundwater Filtered | MW-36D |
| F61703-12 | 11/19/08 | 12:45 GZA | 11/20/08 | AQ | Ground Water | MW-36 |
| F61703-13 | 11/19/08 | 13:40 GZA | 11/20/08 | AQ | Ground Water | MW-41D |
| F61703-13A | 11/19/08 | 13:40 GZA | 11/20/08 | AQ | Groundwater Filtered | MW-41D |
| F61703-14 | 11/19/08 | 14:45 GZA | 11/20/08 | AQ | Ground Water | MW-42D |
| F61703-14A | 11/19/08 | 14:45 GZA | 11/20/08 | AQ | Groundwater Filtered | MW-42D |
| F61703-15 | 11/19/08 | 15:00 GZA | 11/20/08 | AQ | Field Blank Water | FIELD BLANK |



Sample Results

Report of Analysis

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-4 | |
| Lab Sample ID: F61703-1 | Date Sampled: 11/17/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032323.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |
| Run #2 | F032356.D | 10 | 11/29/08 | JG | n/a | n/a | VF811 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|------------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.3 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 814 ^a | 10 | 3.2 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-4 | | Date Sampled: 11/17/08 |
| Lab Sample ID: F61703-1 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 106% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | 103% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 102% | 84-120% |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-3 | Date Sampled: | 11/17/08 |
| Lab Sample ID: | F61703-2 | Date Received: | 11/20/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|-----|----------|----|-----------|------------|------------------|
| Run #1 | F032324.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |
| Run #2 | F032357.D | 100 | 11/29/08 | JG | n/a | n/a | VF811 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|-------------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | 0.49 | 1.0 | 0.28 | ug/l | J |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 2.6 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | 1.4 | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | 1.6 | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 4710 ^a | 100 | 32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-3 | | |
| Lab Sample ID: F61703-2 | | Date Sampled: 11/17/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 106% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 104% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 101% | 84-120% |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-43D | |
| Lab Sample ID: F61703-3 | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032350.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 16.4 | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 0.74 | 1.0 | 0.32 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-43D | | |
| Lab Sample ID: F61703-3 | | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-46D | |
| Lab Sample ID: F61703-4 | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | B057104.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-46D | | |
| Lab Sample ID: F61703-4 | | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 113% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 111% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-23D | |
| Lab Sample ID: F61703-5 | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | B057105.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-23D | | |
| Lab Sample ID: F61703-5 | | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 112% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-21D | |
| Lab Sample ID: F61703-6 | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043219.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | 16.7 | 25 | 10 | ug/l | J |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-21D | | |
| Lab Sample ID: F61703-6 | | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 94% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-45D | |
| Lab Sample ID: F61703-7 | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043220.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 18.6 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 66.9 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-45D | | Date Sampled: 11/18/08 |
| Lab Sample ID: F61703-7 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 87% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 94% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 90% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-45D | | |
| Lab Sample ID: F61703-7 | | Date Sampled: 11/18/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | CD085970.D | 1 | 11/24/08 | NJ | n/a | n/a | GCD3618 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.68 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-45D | Date Sampled: 11/18/08 |
| Lab Sample ID: F61703-7 | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 60.4 | 2.0 | 1.0 | mg/l | 1 | 11/28/08 07:43 | LT | EPA 300/SW846 9056 |
| Total Organic Carbon | 0.98 J | 1.0 | 0.50 | mg/l | 1 | 11/25/08 11:16 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-45D | Date Sampled: 11/18/08 |
| Lab Sample ID: F61703-7A | Date Received: 11/20/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 57.5 J | 300 | 23 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 301 | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15531

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 11/17/08 |
| Lab Sample ID: | F61703-8 | Date Received: | 11/20/08 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032377.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | TRIP BLANK | |
| Lab Sample ID: | F61703-8 | Date Sampled: 11/17/08 |
| Matrix: | AQ - Trip Blank Water | Date Received: 11/20/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-38D | |
| Lab Sample ID: F61703-9 | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032439.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-38D | |
| Lab Sample ID: F61703-9 | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 105% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-38D | | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-9 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035387.D | 1 | 11/25/08 | CW | n/a | n/a | GXY1447 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.37 | 0.50 | 0.16 | ug/l | J |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-38D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-9 | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 64.4 | 2.0 | 1.0 | mg/l | 1 | 11/28/08 08:08 | LT | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.3 | 1.0 | 0.50 | mg/l | 1 | 11/25/08 11:31 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-38D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-9A | Date Received: 11/20/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 127 | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15531

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-37D | Date Sampled: | 11/19/08 |
| Lab Sample ID: | F61703-10 | Date Received: | 11/20/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032440.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|------------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride ^a | 0.64 | 2.0 | 0.61 | ug/l | J |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-37D | | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-10 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | | 84-120% |

(a) ICV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-37D | |
| Lab Sample ID: F61703-10 | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: RSKSOP-147/175 | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035388.D | 1 | 11/25/08 | CW | n/a | n/a | GXY1447 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.39 | 0.50 | 0.16 | ug/l | J |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-37D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-10 | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 63.4 | 2.0 | 1.0 | mg/l | 1 | 11/28/08 08:32 | LT | EPA 300/SW846 9056 |
| Total Organic Carbon | 0.90 J | 1.0 | 0.50 | mg/l | 1 | 11/25/08 11:46 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-37D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-10A | Date Received: 11/20/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 390 | 300 | 23 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 200 | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15531

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-36D | |
| Lab Sample ID: F61703-11 | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032441.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 19.6 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 16.9 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-36D | | |
| Lab Sample ID: F61703-11 | | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-36D | | |
| Lab Sample ID: F61703-11 | | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035389.D | 1 | 11/25/08 | CW | n/a | n/a | GXY1447 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 21.7 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-36D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-11 | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 61.4 | 2.0 | 1.0 | mg/l | 1 | 11/28/08 09:49 | LT | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.1 | 1.0 | 0.50 | mg/l | 1 | 11/25/08 12:01 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-36D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-11A | Date Received: 11/20/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 2480 | 300 | 23 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 87.7 | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15531

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-36 | | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-12 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032442.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-36 | | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-12 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-41D | | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-13 | | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032443.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 60.1 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 3.4 | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 4.7 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-41D | | |
| Lab Sample ID: F61703-13 | | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 108% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-41D | | |
| Lab Sample ID: F61703-13 | | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035392.D | 1 | 11/25/08 | CW | n/a | n/a | GXY1447 |
| Run #2 | XY035401.D | 20 | 11/25/08 | CW | n/a | n/a | GXY1447 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------------------|-----|------|-------|---|
| 74-82-8 | Methane | 11300 ^a | 10 | 3.2 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 1.75 | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-41D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-13 | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 14.3 | 2.0 | 1.0 | mg/l | 1 | 12/04/08 05:49 | LT | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.9 | 1.0 | 0.50 | mg/l | 1 | 11/25/08 12:16 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-41D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-13A | Date Received: 11/20/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 19200 | 300 | 23 | ug/l | 1 | 11/26/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 104 | 15 | 1.0 | ug/l | 1 | 11/26/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6887

(2) Prep QC Batch: MP15533

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-42D | |
| Lab Sample ID: F61703-14 | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032444.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 0.35 | 1.0 | 0.20 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 0.73 | 1.0 | 0.32 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-42D | |
| Lab Sample ID: F61703-14 | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | Date Received: 11/20/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-42D | | |
| Lab Sample ID: F61703-14 | | Date Sampled: 11/19/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/20/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035393.D | 1 | 11/25/08 | CW | n/a | n/a | GXY1447 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 34.9 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-42D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-14 | Date Received: 11/20/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 123 | 2.0 | 1.0 | mg/l | 1 | 11/28/08 11:30 | LT | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.4 | 1.0 | 0.50 | mg/l | 1 | 11/25/08 12:31 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-42D | Date Sampled: 11/19/08 |
| Lab Sample ID: F61703-14A | Date Received: 11/20/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 7990 | 300 | 23 | ug/l | 1 | 11/26/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 81.0 | 15 | 1.0 | ug/l | 1 | 11/26/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6887

(2) Prep QC Batch: MP15533

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | FIELD BLANK | |
| Lab Sample ID: | F61703-15 | Date Sampled: 11/19/08 |
| Matrix: | AQ - Field Blank Water | Date Received: 11/20/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032445.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | FIELD BLANK | | |
| Lab Sample ID: | F61703-15 | Date Sampled: | 11/19/08 |
| Matrix: | AQ - Field Blank Water | Date Received: | 11/20/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F61703 CLIENT: BIA PROJECT: Keeck Farm 2008 Annual Sampling event.
 DATE/TIME RECEIVED: 11/20/08 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.6
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8268 3650 1134

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

SUMMARY OF COMMENTS: _____

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOURS
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE *[Signature]* 11/20/08 TECHNICIAN SIGNATURE/DATE *[Signature]* 11-20-08 ASBD 12/17/07

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3



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF810-MB | F032304.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF810-MB | F032304.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 105% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 105% 76-127% |
| 2037-26-5 | Toluene-D8 | 99% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% 84-120% |

Method Blank Summary

Job Number: F61703**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF811-MB | F032334.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61703-1, F61703-2, F61703-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF811-MB | F032334.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2, F61703-3

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | 84-120% |

Method Blank Summary

Job Number: F61703**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF812-MB | F032376.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61703-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF812-MB | F032376.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-8

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

Method Blank Summary

Job Number: F61703**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2392-MB | B057099.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61703-4, F61703-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2392-MB | B057099.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-4, F61703-5

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 111% | 84-120% |

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2685-MB | J043207.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-6, F61703-7

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | 1.9 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2685-MB | J043207.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-6, F61703-7

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 101% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% 76-127% |
| 2037-26-5 | Toluene-D8 | 96% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 96% 84-120% |

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF814-MB | F032428.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F61703-9, F61703-10, F61703-11, F61703-12, F61703-13, F61703-14, F61703-15

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF814-MB | F032428.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-9, F61703-10, F61703-11, F61703-12, F61703-13, F61703-14, F61703-15

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF810-BS | F032303.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 198 | 158* | 59-134 |
| 71-43-2 | Benzene | 25 | 28.4 | 114 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 22.9 | 92 | 76-116 |
| 75-25-2 | Bromoform | 25 | 23.4 | 94 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 24.5 | 98 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 31.1 | 124 | 54-166 |
| 67-66-3 | Chloroform | 25 | 26.8 | 107 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 21.6 | 86 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 25.7 | 103 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 27.0 | 108 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 22.8 | 91 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.5 | 98 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 24.8 | 99 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.1 | 92 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 24.1 | 96 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 24.1 | 96 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 25.7 | 103 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 25.6 | 102 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 25.0 | 100 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 152 | 122 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 126 | 101 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 35.2 | 141 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 32.6 | 130 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 27.8 | 111 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 184 | 147* | 61-127 |
| 100-42-5 | Styrene | 25 | 23.2 | 93 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 26.5 | 106 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.8 | 99 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 23.9 | 96 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 24.2 | 97 | 80-131 |
| 108-88-3 | Toluene | 25 | 24.7 | 99 | 86-116 |
| 75-01-4 | Vinyl chloride | 25 | 29.9 | 120 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 74.9 | 100 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF810-BS | F032303.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF811-BS | F032333.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2, F61703-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 180 | 144* | 59-134 |
| 71-43-2 | Benzene | 25 | 28.8 | 115 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 23.4 | 94 | 76-116 |
| 75-25-2 | Bromoform | 25 | 22.3 | 89 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 24.4 | 98 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 35.0 | 140 | 54-166 |
| 67-66-3 | Chloroform | 25 | 27.5 | 110 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 20.8 | 83 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 27.0 | 108 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 27.7 | 111 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 23.9 | 96 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.8 | 99 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 25.1 | 100 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 22.7 | 91 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 24.4 | 98 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 24.8 | 99 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 26.0 | 104 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 24.9 | 100 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 24.9 | 100 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 131 | 105 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 107 | 86 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 38.8 | 155* | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 34.4 | 138 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 27.8 | 111 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 162 | 130* | 61-127 |
| 100-42-5 | Styrene | 25 | 23.4 | 94 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 27.7 | 111 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 22.9 | 92 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 22.8 | 91 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 23.2 | 93 | 80-131 |
| 108-88-3 | Toluene | 25 | 24.1 | 96 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 25.5 | 102 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 33.0 | 132 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 74.8 | 100 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF811-BS | F032333.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2, F61703-3

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF812-BS | F032375.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-8

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 125 | 75.7 | 61 | 59-134 |
| 71-43-2 | Benzene | 25 | 24.3 | 97 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 22.5 | 90 | 76-116 |
| 75-25-2 | Bromoform | 25 | 24.4 | 98 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 23.8 | 95 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 22.8 | 91 | 54-166 |
| 67-66-3 | Chloroform | 25 | 24.5 | 98 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 19.5 | 78 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 24.2 | 97 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 24.6 | 98 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 22.6 | 90 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 22.3 | 89 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 23.3 | 93 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.7 | 95 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 22.9 | 92 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 22.9 | 92 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 25.2 | 101 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 24.6 | 98 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 24.2 | 97 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 98.5 | 79 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 112 | 90 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 22.1 | 88 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 22.2 | 89 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 24.1 | 96 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 88.2 | 71 | 61-127 |
| 100-42-5 | Styrene | 25 | 25.6 | 102 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 24.7 | 99 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 23.3 | 93 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 22.7 | 91 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 25.2 | 101 | 80-131 |
| 108-88-3 | Toluene | 25 | 23.8 | 95 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 22.6 | 90 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 22.0 | 88 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 74.0 | 99 | 86-120 |

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF812-BS | F032375.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-8

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2392-BS | B057098.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-4, F61703-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 135 | 108 | 59-134 |
| 71-43-2 | Benzene | 25 | 27.8 | 111 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.9 | 100 | 76-116 |
| 75-25-2 | Bromoform | 25 | 24.1 | 96 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 26.4 | 106 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 27.0 | 108 | 54-166 |
| 67-66-3 | Chloroform | 25 | 28.3 | 113 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 23.9 | 96 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 26.9 | 108 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.4 | 118 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 27.8 | 111 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 26.3 | 105 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 26.0 | 104 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 25.1 | 100 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 25.9 | 104 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 26.4 | 106 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 30.1 | 120 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 28.7 | 115 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 28.6 | 114 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 110 | 88 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 107 | 86 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 23.1 | 92 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 18.3 | 73 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 26.8 | 107 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 119 | 95 | 61-127 |
| 100-42-5 | Styrene | 25 | 26.6 | 106 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 29.2 | 117 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.8 | 99 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 25.6 | 102 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 25.6 | 102 | 80-131 |
| 108-88-3 | Toluene | 25 | 28.4 | 114 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 26.9 | 108 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 18.3 | 73 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 86.1 | 115 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2392-BS | B057098.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-4, F61703-5

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2685-BS | J043206.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-6, F61703-7

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 115 | 92 | 59-134 |
| 71-43-2 | Benzene | 25 | 28.8 | 115 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 25.4 | 102 | 76-116 |
| 75-25-2 | Bromoform | 25 | 20.3 | 81 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 26.0 | 104 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 23.7 | 95 | 54-166 |
| 67-66-3 | Chloroform | 25 | 27.4 | 110 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 23.2 | 93 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 33.5 | 134 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 28.2 | 113 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 26.6 | 106 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 23.6 | 94 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 27.8 | 111 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 22.6 | 90 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 26.9 | 108 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 27.3 | 109 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 28.0 | 112 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 25.2 | 101 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 26.4 | 106 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 88.7 | 71 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 104 | 83 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 22.5 | 90 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 26.4 | 106 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 27.9 | 112 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 111 | 89 | 61-127 |
| 100-42-5 | Styrene | 25 | 24.2 | 97 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 27.7 | 111 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 23.0 | 92 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 23.8 | 95 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 28.0 | 112 | 80-131 |
| 108-88-3 | Toluene | 25 | 25.9 | 104 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 28.0 | 112 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 25.8 | 103 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 77.9 | 104 | 86-120 |

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2685-BS | J043206.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-6, F61703-7

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 76-127% |
| 2037-26-5 | Toluene-D8 | 92% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 90% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF814-BS | F032427.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-9, F61703-10, F61703-11, F61703-12, F61703-13, F61703-14, F61703-15

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 102 | 82 | 59-134 |
| 71-43-2 | Benzene | 25 | 24.9 | 100 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 23.6 | 94 | 76-116 |
| 75-25-2 | Bromoform | 25 | 25.0 | 100 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 24.1 | 96 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 24.5 | 98 | 54-166 |
| 67-66-3 | Chloroform | 25 | 25.0 | 100 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 16.7 | 67 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 24.6 | 98 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 25.0 | 100 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 23.0 | 92 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.4 | 98 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 24.1 | 96 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.9 | 96 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 22.0 | 88 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 24.1 | 96 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 25.2 | 101 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 26.0 | 104 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 24.3 | 97 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 116 | 93 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 127 | 102 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 23.7 | 95 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 20.9 | 84 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 24.5 | 98 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 105 | 84 | 61-127 |
| 100-42-5 | Styrene | 25 | 25.1 | 100 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 24.9 | 100 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 25.0 | 100 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.1 | 96 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 24.3 | 97 | 80-131 |
| 108-88-3 | Toluene | 25 | 24.2 | 97 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 23.5 | 94 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 22.5 | 90 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 75.1 | 100 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF814-BS | F032427.D | 1 | 12/03/08 | AJ | n/a | n/a | VF814 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-9, F61703-10, F61703-11, F61703-12, F61703-13, F61703-14, F61703-15

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61598-2MS | F032308.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |
| F61598-2MSD | F032309.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |
| F61598-2 | F032307.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2

| CAS No. | Compound | F61598-2 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 125 | 142 | 114 | 146 | 117 | 3 | 59-134/14 |
| 71-43-2 | Benzene | ND | 25 | 29.2 | 117 | 27.9 | 112 | 5 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | 25 | 23.5 | 94 | 23.0 | 92 | 2 | 76-116/10 |
| 75-25-2 | Bromoform | ND | 25 | 23.5 | 94 | 23.1 | 92 | 2 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | 25 | 24.8 | 99 | 24.0 | 96 | 3 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | 25 | 29.7 | 119 | 28.0 | 112 | 6 | 54-166/20 |
| 67-66-3 | Chloroform | ND | 25 | 27.4 | 110 | 26.4 | 106 | 4 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | 25 | 23.2 | 93 | 21.4 | 86 | 8 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | 25 | 26.2 | 105 | 24.1 | 96 | 8 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | 25 | 27.7 | 111 | 26.5 | 106 | 4 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 25 | 28.6 | 114 | 24.1 | 96 | 17* | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | 25 | 25.2 | 101 | 24.9 | 100 | 1 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | 25 | 24.9 | 100 | 24.4 | 98 | 2 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | 25 | 23.1 | 92 | 22.9 | 92 | 1 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 25 | 24.3 | 97 | 23.7 | 95 | 3 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 25 | 23.6 | 94 | 23.3 | 93 | 1 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 25 | 25.7 | 103 | 24.5 | 98 | 5 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 25 | 25.6 | 102 | 25.4 | 102 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | 25 | 25.4 | 102 | 24.1 | 96 | 5 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | 125 | 139 | 111 | 142 | 114 | 2 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 125 | 123 | 98 | 125 | 100 | 2 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | 25 | 35.4 | 142 | 33.1 | 132 | 7 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | 25 | 31.6 | 126 | 29.4 | 118 | 7 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | 25 | 28.1 | 112 | 27.2 | 109 | 3 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | 125 | 154 | 123 | 158 | 126 | 3 | 61-127/13 |
| 100-42-5 | Styrene | ND | 25 | 23.5 | 94 | 22.9 | 92 | 3 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 25 | 26.8 | 107 | 24.9 | 100 | 7 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 25 | 24.8 | 99 | 25.1 | 100 | 1 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 25 | 24.0 | 96 | 23.5 | 94 | 2 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | 25 | 23.5 | 94 | 22.2 | 89 | 6 | 80-131/12 |
| 108-88-3 | Toluene | ND | 25 | 24.7 | 99 | 23.7 | 95 | 4 | 86-116/10 |
| 75-01-4 | Vinyl chloride | ND | 25 | 29.0 | 116 | 27.1 | 108 | 7 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | 75 | 75.4 | 101 | 71.9 | 96 | 5 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61598-2MS | F032308.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |
| F61598-2MSD | F032309.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |
| F61598-2 | F032307.D | 1 | 11/28/08 | AJ | n/a | n/a | VF810 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2

| CAS No. | Surrogate Recoveries | MS | MSD | F61598-2 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | 105% | 106% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 108% | 107% | 76-127% |
| 2037-26-5 | Toluene-D8 | 97% | 97% | 99% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 98% | 102% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| F61594-40MS | F032344.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |
| F61594-40MSD | F032345.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |
| F61594-40 | F032337.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-1, F61703-2, F61703-3

| CAS No. | Compound | F61594-40 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|-------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | | 125 | 129 | 103 | 132 | 106 | 2 | 59-134/14 |
| 71-43-2 | Benzene | ND | | 25 | 29.5 | 118 | 27.8 | 111 | 6 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | | 25 | 23.7 | 95 | 22.2 | 89 | 7 | 76-116/10 |
| 75-25-2 | Bromoform | ND | | 25 | 22.4 | 90 | 21.4 | 86 | 5 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | | 25 | 25.1 | 100 | 23.3 | 93 | 7 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | | 25 | 36.0 | 144 | 32.6 | 130 | 10 | 54-166/20 |
| 67-66-3 | Chloroform | ND | | 25 | 28.2 | 113 | 26.7 | 107 | 5 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | | 25 | 23.6 | 94 | 22.5 | 90 | 5 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | | 25 | 27.4 | 110 | 26.8 | 107 | 2 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 25 | 28.3 | 113 | 26.6 | 106 | 6 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | | 25 | 25.5 | 102 | 26.5 | 106 | 4 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 25 | 25.3 | 101 | 23.9 | 96 | 6 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 0.48 | J | 25 | 25.8 | 101 | 24.2 | 95 | 6 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | | 25 | 22.5 | 90 | 21.3 | 85 | 5 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | 25 | 24.7 | 99 | 23.6 | 94 | 5 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 25 | 24.3 | 97 | 22.6 | 90 | 7 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | 25 | 26.6 | 106 | 25.0 | 100 | 6 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 25 | 25.4 | 102 | 24.0 | 96 | 6 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | | 25 | 25.5 | 102 | 23.8 | 95 | 7 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | | 125 | 120 | 96 | 119 | 95 | 1 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 125 | 107 | 86 | 106 | 85 | 1 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | | 25 | 39.6 | 158* | 36.4 | 146 | 8 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | | 25 | 34.3 | 137 | 32.2 | 129 | 6 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | | 25 | 28.4 | 114 | 26.4 | 106 | 7 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | | 125 | 137 | 110 | 135 | 108 | 1 | 61-127/13 |
| 100-42-5 | Styrene | ND | | 25 | 23.7 | 95 | 22.2 | 89 | 7 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 25 | 28.4 | 114 | 26.9 | 108 | 5 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 25 | 23.7 | 95 | 23.1 | 92 | 3 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 25 | 23.4 | 94 | 22.0 | 88 | 6 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | | 25 | 23.3 | 93 | 22.0 | 88 | 6 | 80-131/12 |
| 108-88-3 | Toluene | ND | | 25 | 24.8 | 99 | 22.9 | 92 | 8 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 1.0 | | 25 | 26.4 | 102 | 24.9 | 96 | 6 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | | 25 | 33.2 | 133 | 33.3 | 133 | 0 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | | 75 | 76.2 | 102 | 71.6 | 95 | 6 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| F61594-40MS | F032344.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |
| F61594-40MSD | F032345.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |
| F61594-40 | F032337.D | 1 | 11/29/08 | JG | n/a | n/a | VF811 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F61703-1, F61703-2, F61703-3

| CAS No. | Surrogate Recoveries | MS | MSD | F61594-40 | Limits |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 107% | 105% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | 107% | 107% | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | 96% | 100% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 101% | 102% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61609-1MS | F032382.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |
| F61609-1MSD | F032383.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |
| F61609-1 | F032381.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-8

| CAS No. | Compound | F61609-1 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 67-64-1 | Acetone | 25 U | 125 | 63.3 | 51* | 65.1 | 52* | 3 | 59-134/14 | |
| 71-43-2 | Benzene | 1.0 U | 25 | 23.8 | 95 | 23.4 | 94 | 2 | 83-124/11 | |
| 75-27-4 | Bromodichloromethane | 1.0 U | 25 | 22.6 | 90 | 22.1 | 88 | 2 | 76-116/10 | |
| 75-25-2 | Bromoform | 1.0 U | 25 | 23.1 | 92 | 23.9 | 96 | 3 | 68-128/11 | |
| 108-90-7 | Chlorobenzene | 1.0 U | 25 | 23.8 | 95 | 23.4 | 94 | 2 | 87-115/9 | |
| 75-00-3 | Chloroethane | 2.0 U | 25 | 21.3 | 85 | 20.6 | 82 | 3 | 54-166/20 | |
| 67-66-3 | Chloroform | 1.0 U | 25 | 23.4 | 94 | 22.9 | 92 | 2 | 85-123/10 | |
| 75-15-0 | Carbon disulfide | 2.0 U | 25 | 18.6 | 74 | 18.1 | 72 | 3 | 67-147/12 | |
| 56-23-5 | Carbon tetrachloride | 1.0 U | 25 | 23.4 | 94 | 22.7 | 91 | 3 | 74-139/13 | |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | 25 | 23.1 | 92 | 22.5 | 90 | 3 | 82-127/10 | |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | 25 | 23.1 | 92 | 23.4 | 94 | 1 | 75-133/13 | |
| 107-06-2 | 1,2-Dichloroethane | 1.0 U | 25 | 21.8 | 87 | 21.7 | 87 | 0 | 76-122/11 | |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | 25 | 23.3 | 93 | 22.7 | 91 | 3 | 81-120/11 | |
| 124-48-1 | Dibromochloromethane | 1.0 U | 25 | 23.9 | 96 | 23.6 | 94 | 1 | 74-116/11 | |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | 25 | 22.0 | 88 | 21.4 | 86 | 3 | 81-114/10 | |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | 25 | 23.5 | 94 | 22.6 | 90 | 4 | 83-119/10 | |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | 25 | 23.7 | 95 | 23.0 | 92 | 3 | 82-126/10 | |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | 25 | 24.7 | 99 | 24.2 | 97 | 2 | 87-123/10 | |
| 100-41-4 | Ethylbenzene | 1.0 U | 25 | 24.1 | 96 | 23.3 | 93 | 3 | 87-118/10 | |
| 591-78-6 | 2-Hexanone | 10 U | 125 | 97.1 | 78 | 98.8 | 79 | 2 | 58-125/14 | |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | 125 | 115 | 92 | 117 | 94 | 2 | 62-125/13 | |
| 74-83-9 | Methyl bromide | 2.0 U | 25 | 19.4 | 78 | 19.7 | 79 | 2 | 55-151/21 | |
| 74-87-3 | Methyl chloride | 2.0 U | 25 | 19.5 | 78 | 19.4 | 78 | 1 | 55-173/22 | |
| 75-09-2 | Methylene chloride | 5.0 U | 25 | 22.8 | 91 | 23.0 | 92 | 1 | 69-125/11 | |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | 125 | 82.4 | 66 | 83.9 | 67 | 2 | 61-127/13 | |
| 100-42-5 | Styrene | 1.0 U | 25 | 25.0 | 100 | 24.8 | 99 | 1 | 78-118/11 | |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | 25 | 23.2 | 93 | 22.9 | 92 | 1 | 79-133/11 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | 25 | 23.6 | 94 | 23.5 | 94 | 0 | 71-120/11 | |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | 25 | 23.0 | 92 | 22.8 | 91 | 1 | 80-114/11 | |
| 127-18-4 | Tetrachloroethylene | 1.0 U | 25 | 24.0 | 96 | 22.9 | 92 | 5 | 80-131/12 | |
| 108-88-3 | Toluene | 1.0 U | 25 | 24.1 | 96 | 23.4 | 94 | 3 | 86-116/10 | |
| 79-01-6 | Trichloroethylene | 1.0 U | 25 | 22.6 | 90 | 22.2 | 89 | 2 | 85-124/10 | |
| 75-01-4 | Vinyl chloride | 1.0 U | 25 | 19.9 | 80 | 19.2 | 77 | 4 | 57-153/22 | |
| 1330-20-7 | Xylene (total) | 3.0 U | 75 | 73.4 | 98 | 72.4 | 97 | 1 | 86-120/10 | |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61609-1MS | F032382.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |
| F61609-1MSD | F032383.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |
| F61609-1 | F032381.D | 1 | 12/01/08 | AJ | n/a | n/a | VF812 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-8

| CAS No. | Surrogate Recoveries | MS | MSD | F61609-1 | Limits |
|------------|-----------------------|------|-----|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | 99% | 97% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | 98% | 95% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 99% | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 99% | 100% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------------------|-----------|----|----------|----|-----------|------------|------------------|
| F61601-3MS | J043210.D | 5 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| F61601-3MSD | J043211.D | 5 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| F61601-3 | J043218.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| F61601-3 ^a | J043209.D | 5 | 12/02/08 | KW | n/a | n/a | VJ2685 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-6, F61703-7

| CAS No. | Compound | F61601-3 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 25 U | | 625 | 561 | 90 | 552 | 88 | 2 | 59-134/14 |
| 71-43-2 | Benzene | 1.0 U | | 125 | 142 | 114 | 140 | 112 | 1 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | | 125 | 124 | 99 | 124 | 99 | 0 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | | 125 | 104 | 83 | 105 | 84 | 1 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | | 125 | 128 | 102 | 128 | 102 | 0 | 87-115/9 |
| 75-00-3 | Chloroethane | 2.0 U | | 125 | 114 | 91 | 119 | 95 | 4 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | | 125 | 135 | 108 | 134 | 107 | 1 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | | 125 | 114 | 91 | 116 | 93 | 2 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | | 125 | 133 | 106 | 133 | 106 | 0 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | | 125 | 139 | 111 | 138 | 110 | 1 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | | 125 | 129 | 103 | 135 | 108 | 5 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 U | | 125 | 116 | 93 | 119 | 95 | 3 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | | 125 | 137 | 110 | 135 | 108 | 1 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | | 125 | 115 | 92 | 113 | 90 | 2 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | | 125 | 132 | 106 | 130 | 104 | 2 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | | 125 | 127 | 102 | 127 | 102 | 0 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | | 125 | 137 | 110 | 136 | 109 | 1 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | | 125 | 123 | 98 | 124 | 99 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 1.0 U | | 125 | 128 | 102 | 129 | 103 | 1 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | | 625 | 451 | 72 | 475 | 76 | 5 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | | 625 | 532 | 85 | 556 | 89 | 4 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | | 125 | 112 | 90 | 120 | 96 | 7 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | | 125 | 126 | 101 | 143 | 114 | 13 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | | 125 | 126 | 101 | 125 | 100 | 1 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | | 625 | 553 | 88 | 570 | 91 | 3 | 61-127/13 |
| 100-42-5 | Styrene | 1.0 U | | 125 | 114 | 91 | 116 | 93 | 2 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | | 125 | 137 | 110 | 134 | 107 | 2 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | | 125 | 118 | 94 | 120 | 96 | 2 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | | 125 | 121 | 97 | 119 | 95 | 2 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 1.0 U | | 125 | 138 | 110 | 138 | 110 | 0 | 80-131/12 |
| 108-88-3 | Toluene | 1.0 U | | 125 | 127 | 102 | 127 | 102 | 0 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 37.1 | | 125 | 159 | 98 | 161 | 99 | 1 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 1.0 U | | 125 | 122 | 98 | 138 | 110 | 12 | 57-153/22 |
| 1330-20-7 | Xylene (total) | 3.0 U | | 375 | 376 | 100 | 381 | 102 | 1 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------------------|-----------|----|----------|----|-----------|------------|------------------|
| F61601-3MS | J043210.D | 5 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| F61601-3MSD | J043211.D | 5 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| F61601-3 | J043218.D | 1 | 12/02/08 | KW | n/a | n/a | VJ2685 |
| F61601-3 ^a | J043209.D | 5 | 12/02/08 | KW | n/a | n/a | VJ2685 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-6, F61703-7

| CAS No. | Surrogate Recoveries | MS | MSD | F61601-3 | F61601-3 | Limits |
|------------|-----------------------|------|------|----------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 101% | 101% | 100% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 92% | 88% | 86% | 76-127% |
| 2037-26-5 | Toluene-D8 | 91% | 92% | 93% | 94% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 87% | 91% | 90% | 91% | 84-120% |

(a) Confirmation run.

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61703-4MS | B057112.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |
| F61703-4MSD | B057113.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |
| F61703-4 | B057104.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-4, F61703-5

| CAS No. | Compound | F61703-4 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | | 125 | 107 | 86 | 93.1 | 74 | 14 | 59-134/14 |
| 71-43-2 | Benzene | ND | | 25 | 27.3 | 109 | 25.4 | 102 | 7 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | | 25 | 24.6 | 98 | 22.8 | 91 | 8 | 76-116/10 |
| 75-25-2 | Bromoform | ND | | 25 | 23.4 | 94 | 21.3 | 85 | 9 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | | 25 | 26.0 | 104 | 24.0 | 96 | 8 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | | 25 | 28.4 | 114 | 23.9 | 96 | 17 | 54-166/20 |
| 67-66-3 | Chloroform | ND | | 25 | 28.1 | 112 | 26.3 | 105 | 7 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | | 25 | 23.5 | 94 | 21.0 | 84 | 11 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | | 25 | 24.9 | 100 | 22.7 | 91 | 9 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 25 | 29.1 | 116 | 27.2 | 109 | 7 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | | 25 | 27.7 | 111 | 25.8 | 103 | 7 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 25 | 26.0 | 104 | 24.4 | 98 | 6 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 25 | 25.7 | 103 | 24.2 | 97 | 6 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | | 25 | 24.5 | 98 | 22.9 | 92 | 7 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | | 25 | 25.0 | 100 | 23.5 | 94 | 6 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 25 | 25.5 | 102 | 23.8 | 95 | 7 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | 25 | 29.5 | 118 | 27.2 | 109 | 8 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 25 | 27.7 | 111 | 25.6 | 102 | 8 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | | 25 | 28.0 | 112 | 25.6 | 102 | 9 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | | 125 | 110 | 88 | 95.6 | 76 | 14 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 125 | 114 | 91 | 102 | 82 | 11 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | | 25 | 24.1 | 96 | 19.9 | 80 | 19 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | | 25 | 19.5 | 78 | 17.0 | 68 | 14 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | | 25 | 25.5 | 102 | 24.2 | 97 | 5 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | | 125 | 115 | 92 | 102 | 82 | 12 | 61-127/13 |
| 100-42-5 | Styrene | ND | | 25 | 26.2 | 105 | 24.1 | 96 | 8 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 25 | 28.1 | 112 | 25.5 | 102 | 10 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 25 | 25.8 | 103 | 23.7 | 95 | 8 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 25 | 25.7 | 103 | 23.7 | 95 | 8 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | | 25 | 23.7 | 95 | 21.7 | 87 | 9 | 80-131/12 |
| 108-88-3 | Toluene | ND | | 25 | 27.5 | 110 | 25.3 | 101 | 8 | 86-116/10 |
| 79-01-6 | Trichloroethylene | ND | | 25 | 26.2 | 105 | 24.0 | 96 | 9 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | | 25 | 19.1 | 76 | 16.2 | 65 | 16 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | | 75 | 85.4 | 114 | 78.1 | 104 | 9 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61703-4MS | B057112.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |
| F61703-4MSD | B057113.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |
| F61703-4 | B057104.D | 1 | 12/02/08 | LD | n/a | n/a | VB2392 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61703-4, F61703-5

| CAS No. | Surrogate Recoveries | MS | MSD | F61703-4 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 102% | 103% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 115% | 113% | 76-127% |
| 2037-26-5 | Toluene-D8 | 106% | 103% | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 104% | 104% | 111% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61683-2MS | F032437.D | 10 | 12/03/08 | AJ | n/a | n/a | VF814 |
| F61683-2MSD | F032438.D | 10 | 12/03/08 | AJ | n/a | n/a | VF814 |
| F61683-2 | F032436.D | 10 | 12/03/08 | AJ | n/a | n/a | VF814 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F61703-9, F61703-10, F61703-11, F61703-12, F61703-13, F61703-14, F61703-15

| CAS No. | Compound | F61683-2 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 1250 | 689 | 55* | 754 | 60 | 9 | 59-134/14 |
| 71-43-2 | Benzene | 401 | 250 | 626 | 90 | 611 | 84 | 2 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | 250 | 242 | 97 | 236 | 94 | 3 | 76-116/10 |
| 75-25-2 | Bromoform | ND | 250 | 234 | 94 | 244 | 98 | 4 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | 250 | 237 | 95 | 237 | 95 | 0 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | 250 | 255 | 102 | 235 | 94 | 8 | 54-166/20 |
| 67-66-3 | Chloroform | ND | 250 | 261 | 104 | 253 | 101 | 3 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | 250 | 194 | 78 | 195 | 78 | 1 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | 250 | 248 | 99 | 241 | 96 | 3 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | 250 | 260 | 104 | 253 | 101 | 3 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 250 | 246 | 98 | 261 | 104 | 6 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | 250 | 240 | 96 | 238 | 95 | 1 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | 250 | 243 | 97 | 238 | 95 | 2 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | 250 | 233 | 93 | 234 | 94 | 0 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 250 | 227 | 91 | 223 | 89 | 2 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 250 | 241 | 96 | 238 | 95 | 1 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 250 | 264 | 106 | 257 | 103 | 3 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 250 | 250 | 100 | 248 | 99 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | 250 | 242 | 97 | 236 | 94 | 3 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | 1250 | 964 | 77 | 1070 | 86 | 10 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1250 | 1140 | 91 | 1240 | 99 | 8 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | 250 | 240 | 96 | 225 | 90 | 6 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | 250 | 203 | 81 | 199 | 80 | 2 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | 250 | 269 | 108 | 263 | 105 | 2 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | 1250 | 836 | 67 | 925 | 74 | 10 | 61-127/13 |
| 100-42-5 | Styrene | ND | 250 | 243 | 97 | 243 | 97 | 0 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 250 | 258 | 103 | 247 | 99 | 4 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 250 | 234 | 94 | 249 | 100 | 6 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 250 | 232 | 93 | 234 | 94 | 1 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | 250 | 230 | 92 | 226 | 90 | 2 | 80-131/12 |
| 108-88-3 | Toluene | ND | 250 | 237 | 95 | 235 | 94 | 1 | 86-116/10 |
| 79-01-6 | Trichloroethylene | ND | 250 | 235 | 94 | 227 | 91 | 3 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | 250 | 224 | 90 | 220 | 88 | 2 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | 750 | 739 | 99 | 721 | 96 | 2 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61683-2MS | F032437.D | 10 | 12/03/08 | AJ | n/a | n/a | VF814 |
| F61683-2MSD | F032438.D | 10 | 12/03/08 | AJ | n/a | n/a | VF814 |
| F61683-2 | F032436.D | 10 | 12/03/08 | AJ | n/a | n/a | VF814 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F61703-9, F61703-10, F61703-11, F61703-12, F61703-13, F61703-14, F61703-15

| CAS No. | Surrogate Recoveries | MS | MSD | F61683-2 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 104% | 105% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | 107% | 107% | 76-127% |
| 2037-26-5 | Toluene-D8 | 97% | 98% | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 98% | 99% | 84-120% |

4.3
4



GC Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GCD3618-MB | CD085959.D 1 | | 11/24/08 | NJ | n/a | n/a | GCD3618 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-7

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

5.1
5

Method Blank Summary

Job Number: F61703

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1447-MB | XY035381.D 1 | | 11/25/08 | CW | n/a | n/a | GXY1447 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-9, F61703-10, F61703-11, F61703-13, F61703-14

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GCD3618-BS | CD085960.D 1 | | 11/24/08 | NJ | n/a | n/a | GCD3618 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-7

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 107 | 99 | 54-149 |
| 74-84-0 | Ethane | 219 | 203 | 93 | 57-143 |
| 74-85-1 | Ethene | 290 | 246 | 85 | 57-143 |

5.2
5

Blank Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1447-BS | XY035382.D 1 | | 11/25/08 | CW | n/a | n/a | GXY1447 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-9, F61703-10, F61703-11, F61703-13, F61703-14

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 112 | 104 | 54-149 |
| 74-84-0 | Ethane | 219 | 215 | 98 | 57-143 |
| 74-85-1 | Ethene | 290 | 270 | 93 | 57-143 |

5.2
5

Matrix Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F61594-45MS | CD085976.D 1 | | 11/24/08 | NJ | n/a | n/a | GCD3618 |
| F61594-45 | CD085966.D 1 | | 11/24/08 | NJ | n/a | n/a | GCD3618 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-7

| CAS No. | Compound | F61594-45 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|-------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 0.34 | 108 | 180 | 166* | 54-149 |
| 74-84-0 | Ethane | ND | 219 | 337 | 154* | 57-143 |
| 74-85-1 | Ethene | ND | 290 | 390 | 134 | 57-143 |

5.3
5

Matrix Spike Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| F61702-2MS | XY035405.D 1 | | 11/25/08 | CW | n/a | n/a | GXY1447 |
| F61702-2 | XY035396.D 1 | | 11/25/08 | CW | n/a | n/a | GXY1447 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-9, F61703-10, F61703-11, F61703-13, F61703-14

| CAS No. | Compound | F61702-2 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | ND | 108 | 138 | 128 | 54-149 |
| 74-84-0 | Ethane | ND | 219 | 265 | 121 | 57-143 |
| 74-85-1 | Ethene | ND | 290 | 332 | 114 | 57-143 |

5.3
5

Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|--------------|----|----------|----|-----------|------------|------------------|
| F61594-45DUP | CD085973.D 1 | | 11/24/08 | NJ | n/a | n/a | GCD3618 |
| F61594-45 | CD085966.D 1 | | 11/24/08 | NJ | n/a | n/a | GCD3618 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-7

| CAS No. | Compound | F61594-45 | | Q | RPD | Limits |
|---------|----------|-----------|-------------|---|-----|--------|
| | | ug/l | DUP ug/l | | | |
| 74-82-8 | Methane | 0.34 | 0.33 | | 3 | 24 |
| 74-84-0 | Ethane | ND | ND | | nc | 23 |
| 74-85-1 | Ethene | ND | ND | | nc | 10 |

Duplicate Summary

Job Number: F61703
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F61702-2DUP | XY035404.D 1 | | 11/25/08 | CW | n/a | n/a | GXY1447 |
| F61702-2 | XY035396.D 1 | | 11/25/08 | CW | n/a | n/a | GXY1447 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61703-9, F61703-10, F61703-11, F61703-13, F61703-14

| CAS No. | Compound | F61702-2 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|------------------|---------------|-------|--------|
| 74-82-8 | Methane | ND | 0.19 | 200* | 24 |
| 74-84-0 | Ethane | ND | ND | nc | 23 |
| 74-85-1 | Ethene | ND | ND | nc | 10 |

5.4
5



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F61703
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15531
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/25/08

| Metal | RL | IDL | MB raw | final |
|------------|-------|-----|-----------|-------|
| Aluminum | 200 | 11 | | |
| Antimony | 6.0 | 4.5 | | |
| Arsenic | 10 | 3.6 | anr | |
| Barium | 200 | 5 | | |
| Beryllium | 4.0 | 1 | | |
| Cadmium | 5.0 | 1 | | |
| Calcium | 1000 | 100 | | |
| Chromium | 10 | 1.6 | | |
| Cobalt | 50 | .83 | | |
| Copper | 25 | 2.1 | | |
| Iron | 300 | 23 | -0.32 | <300 |
| Lead | 10 | 2 | anr | |
| Magnesium | 5000 | 100 | | |
| Manganese | 15 | .5 | 0.0 | <15 |
| Molybdenum | 50 | 2.8 | | |
| Nickel | 40 | 2.3 | | |
| Potassium | 10000 | 100 | | |
| Selenium | 10 | 3.1 | | |
| Silver | 10 | 1.2 | | |
| Sodium | 10000 | 500 | | |
| Thallium | 10 | 3.4 | | |
| Tin | 50 | 2.8 | | |
| Vanadium | 50 | .66 | | |
| Zinc | 20 | 3.8 | | |

Associated samples MP15531: F61703-7A, F61703-9A, F61703-10A, F61703-11A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.1.1
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15531
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08 11/25/08

| Metal | F61669-7 Original | DUP | RPD | QC Limits | F61669-7 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits | |
|------------|----------------------|---------|-----|--------------|-------------------------|----------------------|-------|--------------|--------|
| Aluminum | | | | | | | | | |
| Antimony | | | | | | | | | |
| Arsenic | anr | | | | | | | | |
| Barium | | | | | | | | | |
| Beryllium | | | | | | | | | |
| Cadmium | | | | | | | | | |
| Calcium | | | | | | | | | |
| Chromium | | | | | | | | | |
| Cobalt | | | | | | | | | |
| Copper | | | | | | | | | |
| Iron | 0.0 | 0.0 (a) | NC | 0-20 | 0.0 | 25400 | 26000 | 97.7 | 80-120 |
| Lead | anr | | | | | | | | |
| Magnesium | | | | | | | | | |
| Manganese | 36.5 | 38.6 | 5.6 | 0-20 | 36.5 | 554 | 500 | 103.5 | 80-120 |
| Molybdenum | | | | | | | | | |
| Nickel | | | | | | | | | |
| Potassium | | | | | | | | | |
| Selenium | | | | | | | | | |
| Silver | | | | | | | | | |
| Sodium | | | | | | | | | |
| Thallium | | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | | | | | | | | | |
| Zinc | | | | | | | | | |

Associated samples MP15531: F61703-7A, F61703-9A, F61703-10A, F61703-11A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested
 (a) Elevated reporting limit(s) due to matrix interference.

6.1.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15531
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08

| Metal | F61669-7 Original MSD | SpikeLot MPFLICP1 | % Rec | MSD RPD | QC Limit | |
|------------|--------------------------|----------------------|-------|------------|-------------|----|
| Aluminum | | | | | | |
| Antimony | | | | | | |
| Arsenic | anr | | | | | |
| Barium | | | | | | |
| Beryllium | | | | | | |
| Cadmium | | | | | | |
| Calcium | | | | | | |
| Chromium | | | | | | |
| Cobalt | | | | | | |
| Copper | | | | | | |
| Iron | 0.0 | 24400 | 26000 | 93.8 | 4.0 | 20 |
| Lead | anr | | | | | |
| Magnesium | | | | | | |
| Manganese | 36.5 | 534 | 500 | 99.5 | 3.7 | 20 |
| Molybdenum | | | | | | |
| Nickel | | | | | | |
| Potassium | | | | | | |
| Selenium | | | | | | |
| Silver | | | | | | |
| Sodium | | | | | | |
| Thallium | | | | | | |
| Tin | | | | | | |
| Vanadium | | | | | | |
| Zinc | | | | | | |

Associated samples MP15531: F61703-7A, F61703-9A, F61703-10A, F61703-11A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15531
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | anr | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 26700 | 26000 | 102.7 | 80-120 |
| Lead | anr | | | |
| Magnesium | | | | |
| Manganese | 522 | 500 | 104.4 | 80-120 |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15531: F61703-7A, F61703-9A, F61703-10A, F61703-11A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.3
 6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15531
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08

| Metal | F61669-7 Original | SDL 1:5 | %DIF | QC Limits |
|-----------|----------------------|---------|------|--------------|
| Arsenic | anr | | | |
| Iron | 0.00 | 0.00 | NC | 0-10 |
| Lead | anr | | | |
| Manganese | 36.5 | 39.5 | 8.1 | 0-10 |

Associated samples MP15531: F61703-7A, F61703-9A, F61703-10A, F61703-11A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.4

6

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F61703
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15533
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/26/08

| Metal | RL | IDL | MB raw | final |
|------------|-------|-----|-----------|-------|
| Aluminum | 200 | 11 | | |
| Antimony | 6.0 | 4.5 | | |
| Arsenic | 20 | 3.6 | anr | |
| Barium | 200 | 5 | | |
| Beryllium | 4.0 | 1 | | |
| Cadmium | 5.0 | 1 | | |
| Calcium | 1000 | 100 | | |
| Chromium | 10 | 1.6 | | |
| Cobalt | 50 | .83 | | |
| Copper | 25 | 2.1 | anr | |
| Iron | 300 | 23 | 9.8 | <300 |
| Lead | 10 | 2 | anr | |
| Magnesium | 5000 | 100 | | |
| Manganese | 15 | .5 | 0.0 | <15 |
| Molybdenum | 50 | 2.8 | anr | |
| Nickel | 40 | 2.3 | | |
| Potassium | 10000 | 100 | | |
| Selenium | 10 | 3.1 | | |
| Silver | 10 | 1.2 | | |
| Sodium | 10000 | 500 | anr | |
| Thallium | 10 | 3.4 | | |
| Tin | 50 | 2.8 | | |
| Vanadium | 50 | .66 | | |
| Zinc | 20 | 3.8 | anr | |

Associated samples MP15533: F61703-13A, F61703-14A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.2.1
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15533
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/26/08 11/26/08

| Metal | F61667-2 Original | DUP | RPD | QC Limits | F61667-2 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits | |
|------------|----------------------|------|----------|--------------|-------------------------|----------------------|-------|--------------|--------|
| Aluminum | | | | | | | | | |
| Antimony | | | | | | | | | |
| Arsenic | anr | | | | | | | | |
| Barium | | | | | | | | | |
| Beryllium | | | | | | | | | |
| Cadmium | | | | | | | | | |
| Calcium | | | | | | | | | |
| Chromium | | | | | | | | | |
| Cobalt | | | | | | | | | |
| Copper | anr | | | | | | | | |
| Iron | 0.00 | 27.0 | 200.0(a) | 0-20 | 0.00 | 26100 | 26000 | 100.4 | 80-120 |
| Lead | anr | | | | | | | | |
| Magnesium | | | | | | | | | |
| Manganese | 28.6 | 28.5 | 0.4 | 0-20 | 28.6 | 544 | 500 | 103.1 | 80-120 |
| Molybdenum | anr | | | | | | | | |
| Nickel | | | | | | | | | |
| Potassium | | | | | | | | | |
| Selenium | | | | | | | | | |
| Silver | | | | | | | | | |
| Sodium | anr | | | | | | | | |
| Thallium | | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | | | | | | | | | |
| Zinc | anr | | | | | | | | |

Associated samples MP15533: F61703-13A, F61703-14A

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) RPD acceptable due to low duplicate and sample concentrations.

6.2.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15533
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/26/08

| Metal | F61667-2 Original MSD | SpikeLot MPFLICP1 | % Rec | MSD RPD | QC Limit | |
|------------|--------------------------|----------------------|-------|------------|-------------|----|
| Aluminum | | | | | | |
| Antimony | | | | | | |
| Arsenic | anr | | | | | |
| Barium | | | | | | |
| Beryllium | | | | | | |
| Cadmium | | | | | | |
| Calcium | | | | | | |
| Chromium | | | | | | |
| Cobalt | | | | | | |
| Copper | anr | | | | | |
| Iron | 0.00 | 25500 | 26000 | 98.1 | 2.3 | 20 |
| Lead | anr | | | | | |
| Magnesium | | | | | | |
| Manganese | 28.6 | 536 | 500 | 101.5 | 1.5 | 20 |
| Molybdenum | anr | | | | | |
| Nickel | | | | | | |
| Potassium | | | | | | |
| Selenium | | | | | | |
| Silver | | | | | | |
| Sodium | anr | | | | | |
| Thallium | | | | | | |
| Tin | | | | | | |
| Vanadium | | | | | | |
| Zinc | anr | | | | | |

Associated samples MP15533: F61703-13A, F61703-14A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.2.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15533
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/26/08

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | anr | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | anr | | | |
| Iron | 26700 | 26000 | 102.7 | 80-120 |
| Lead | anr | | | |
| Magnesium | | | | |
| Manganese | 529 | 500 | 105.8 | 80-120 |
| Molybdenum | anr | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | anr | | | |

Associated samples MP15533: F61703-13A, F61703-14A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.2.3
 6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F61703
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15533
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/26/08

| Metal | F61667-2 Original | SDL 1:5 | %DIF | QC Limits |
|------------|----------------------|---------|------|--------------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | anr | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | anr | | | |
| Iron | 0.00 | 0.00 | NC | 0-10 |
| Lead | anr | | | |
| Magnesium | | | | |
| Manganese | 28.6 | 28.7 | 0.4 | 0-10 |
| Molybdenum | anr | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | anr | | | |

Associated samples MP15533: F61703-13A, F61703-14A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.2.4
6



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61703
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|-----|-----------|-------|--------------|------------|------------|-----------|
| Sulfate | GP12181/GN33000 | 2.0 | <2.0 | mg/l | 50 | 54.8 | 109.6 | 90-110% |
| Total Organic Carbon | GP12156/GN32956 | 1.0 | <1.0 | mg/l | 15 | 15.2 | 101.3 | 90-110% |

Associated Samples:

Batch GP12156: F61703-10, F61703-11, F61703-13, F61703-14, F61703-7, F61703-9

Batch GP12181: F61703-10, F61703-11, F61703-13, F61703-14, F61703-7, F61703-9

(*) Outside of QC limits

7.1
7

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61703
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Sulfate | GP12181/GN33000 | F61703-14 | mg/l | 123 | 120 | 2.5 | 0-20% |
| Sulfate | GP12181/GN33067 | F61703-13 | mg/l | 14.3 | 14.4 | 0.7 | 0-20% |
| Total Organic Carbon | GP12156/GN32956 | F61703-7 | mg/l | 0.98 | 1.0 | 2.0 | 0-20% |

Associated Samples:

Batch GP12156: F61703-10, F61703-11, F61703-13, F61703-14, F61703-7, F61703-9

Batch GP12181: F61703-10, F61703-11, F61703-13, F61703-14, F61703-7, F61703-9

(*) Outside of QC limits

7.2
7

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61703
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|----------|-----------|
| Sulfate | GP12181/GN33000 | F61703-14 | mg/l | 123 | 50 | 159 | 72.0N(a) | 90-110% |
| Sulfate | GP12181/GN33067 | F61703-13 | mg/l | 14.3 | 50 | 66.5 | 104.4 | 90-110% |
| Total Organic Carbon | GP12156/GN32956 | F61703-7 | mg/l | 0.98 | 15 | 16.9 | 106.1 | 90-110% |

Associated Samples:

Batch GP12156: F61703-10, F61703-11, F61703-13, F61703-14, F61703-7, F61703-9

Batch GP12181: F61703-10, F61703-11, F61703-13, F61703-14, F61703-7, F61703-9

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

7.3

7



IT'S ALL IN THE CHEMISTRY

12/08/08

Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

RFA# GZA08033 REL#

Accutest Job Number: F61713

Sampling Date: 11/20/08

Report to:

GZA Environmental, Inc
20900 Swenson Drive Suite 150
Waukesha, WI 53186
bernard.fenelon@gza.com

ATTN: Bernard Fenelon

Total number of pages in report: **28**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi
Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.



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Sample Summary

Chrysler LLC

Job No: F61713

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08033 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|-----------|----------|--------|------------------|------------------|
| | Date | Time By | | Code | Type | |
| F61713-1 | 11/20/08 | 09:20 GZA | 11/21/08 | AQ | Ground Water | MW-25C |
| F61713-2 | 11/20/08 | 10:35 GZA | 11/21/08 | AQ | Ground Water | MW-39D |
| F61713-3 | 11/20/08 | 11:45 GZA | 11/21/08 | AQ | Ground Water | MW-32D |
| F61713-4 | 11/20/08 | 12:35 GZA | 11/21/08 | AQ | Ground Water | MW-33D |
| F61713-5 | 11/20/08 | 13:30 GZA | 11/21/08 | AQ | Ground Water | MW-34D |
| F61713-6 | 11/20/08 | 14:40 GZA | 11/21/08 | AQ | Ground Water | MW-26C |
| F61713-7 | 11/20/08 | 00:00 GZA | 11/21/08 | AQ | Trip Blank Water | TRIP BLANK |



Sample Results

Report of Analysis

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-25C | |
| Lab Sample ID: F61713-1 | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | Date Received: 11/21/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043280.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone ^a | 2.3 | 5.0 | 2.0 | ug/l | J |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 0.49 | 1.0 | 0.32 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-25C | | Date Sampled: 11/20/08 |
| Lab Sample ID: F61713-1 | | Date Received: 11/21/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 89% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 93% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 89% | | 84-120% |

(a) CCV outside of control limits; results may be biased high.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-39D | |
| Lab Sample ID: F61713-2 | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | Date Received: 11/21/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043281.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-39D | |
| Lab Sample ID: F61713-2 | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | Date Received: 11/21/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 89% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 92% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-32D | Date Sampled: | 11/20/08 |
| Lab Sample ID: | F61713-3 | Date Received: | 11/21/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043282.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-32D | | |
| Lab Sample ID: F61713-3 | | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/21/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 91% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 94% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-33D | |
| Lab Sample ID: F61713-4 | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | Date Received: 11/21/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043283.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-33D | | |
| Lab Sample ID: F61713-4 | | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/21/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 91% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-34D | |
| Lab Sample ID: F61713-5 | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | Date Received: 11/21/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043284.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-34D | | |
| Lab Sample ID: F61713-5 | | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/21/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 93% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 88% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-26C | |
| Lab Sample ID: F61713-6 | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | Date Received: 11/21/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043285.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-26C | | |
| Lab Sample ID: F61713-6 | | Date Sampled: 11/20/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/21/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 91% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 89% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | TRIP BLANK | |
| Lab Sample ID: | F61713-7 | Date Sampled: 11/20/08 |
| Matrix: | AQ - Trip Blank Water | Date Received: 11/21/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J043286.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | 1.1 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | TRIP BLANK | | |
| Lab Sample ID: | F61713-7 | Date Sampled: | 11/20/08 |
| Matrix: | AQ - Trip Blank Water | Date Received: | 11/21/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 89% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 92% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



Accutest Laboratories Southeast Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL. 407-425-6700 • FAX: 407-425-0707
www.accutest.com

Accutest JOB #

F61713

PAGE 1 OF 1

Accutest Quote #

SKIFF#

| Client / Reporting Information | | Project Information | | Analytical Information | | | | | | | | | | Matrix Codes | | |
|--|--------------------------------|--|------|------------------------|--------|--------------------|-------|------|-----|------|-------|-------|-----------|---|------|---|
| Company Name GZA GEOTECHNICAL INC. | | Project Name KECK FARM 2008 ANNUAL SAMPLING EVENT | | | | | | | | | | | | DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe | | |
| Address 20900 SWENSON DRIVE SUITE 150 | | Street W 5797 FREITAG LANE | | | | | | | | | | | | | | |
| City WAVKESHA State WI Zip 53186 | | City WATERSTOWN State WI | | | | | | | | | | | | | | |
| Project Contact BERNARD FENGLIN BERNARD.FENGLIN@GZA.COM | | Project # 20,0150549.40 | | | | | | | | | | | | | | |
| Phone # 262-754-2560 | | Fax # 262-754-9711 | | | | | | | | | | | | LAB USE ONLY | | |
| Sample(s) Name(s) (Printed) CHLORIDE PER SULFATE | | Client Purchase Order # | | | | | | | | | | | | | | |
| Accutest Sample # | Field ID / Point of Collection | COLLECTION | | CONTAINER INFORMATION | | | | | | | | | | | | |
| | | DATE | TIME | SAMPLED BY | MATRIX | TOTAL # OF BOTTLES | OTHER | NONE | ICE | NOCH | FINES | RESCH | WASH-BANK | DI-NITRIT | MESH | |
| 1 | MW-25C | 11/20/08 | 920 | GZA | GW | 3 | | | X | | | | | | | X |
| 2 | MW-39D | 11/20/08 | 1035 | GZA | GW | 3 | | | X | | | | | | | X |
| 3 | MW-32D | 11/20/08 | 1145 | GZA | GW | 3 | | | X | | | | | | | X |
| 4 | MW-33D | 11/20/08 | 1235 | GZA | GW | 3 | | | X | | | | | | | X |
| 5 | MW-34D | 11/20/08 | 1330 | GZA | GW | 3 | | | X | | | | | | | X |
| 6 | MW-26C | 11/20/08 | 1440 | GZA | GW | 3 | | | X | | | | | | | X |
| 7 | TRIP BLANK | | | | | | | | | | | | | | | X |

| TURNAROUND TIME (Business Days) | Date Deliverable Information | Comments / Remarks |
|--|---|--|
| <input checked="" type="checkbox"/> 10 Days Standard <input type="checkbox"/> 7 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> OTHER | Approved By: / Rush Code _____ <input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S | PFA# GZA 08033 CHRYSLER LLC. PROJECT MANAGER PATRICIA BEAUSON SITE CODE SF002 |

Sample Custody must be documented below each time samples change possession, including courier delivery.

| | | | | | |
|---|--------------------------|-------------------------|-------------------------------------|--------------------------|---------------------------------|
| Relinquished by Sampler: <i>[Signature]</i> | Date Time: 11/20/08 1700 | Received By: PER FED EX | Relinquished by: <i>[Signature]</i> | Date Time: 11/21/08 9:00 | Received By: <i>[Signature]</i> |
| Relinquished by: 5 | Date Time: | Received By: 6 | Relinquished by: 7 | Date Time: | Received By: 8 |

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 2-6

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F61713: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F61713 CLIENT: GZA PROJECT: Keck form 2008 Annual Sampling event
 DATE/TIME RECEIVED: 11/2/08 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.6
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8608 3650 110

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

SUMMARY OF COMMENTS: _____

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 11/2/08 TECHNICIAN SIGNATURE/DATE [Signature] 11-2-08 ASD 12/17/07

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3



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61713**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2688-MB | J043266.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61713-1, F61713-2, F61713-3, F61713-4, F61713-5, F61713-6, F61713-7

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61713
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2688-MB | J043266.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61713-1, F61713-2, F61713-3, F61713-4, F61713-5, F61713-6, F61713-7

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 102% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% 76-127% |
| 2037-26-5 | Toluene-D8 | 94% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 94% 84-120% |

Blank Spike Summary

Job Number: F61713
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2688-BS | J043265.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61713-1, F61713-2, F61713-3, F61713-4, F61713-5, F61713-6, F61713-7

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 181 | 145* | 59-134 |
| 71-43-2 | Benzene | 25 | 29.6 | 118 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 26.3 | 105 | 76-116 |
| 75-25-2 | Bromoform | 25 | 21.0 | 84 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 25.8 | 103 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 27.4 | 110 | 54-166 |
| 67-66-3 | Chloroform | 25 | 28.2 | 113 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 25.4 | 102 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 29.2 | 117 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.0 | 116 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 28.8 | 115 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 25.2 | 101 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 28.8 | 115 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.6 | 94 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 27.5 | 110 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 28.1 | 112 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 28.4 | 114 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 25.5 | 102 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 26.3 | 105 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 113 | 90 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 107 | 86 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 25.4 | 102 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 26.8 | 107 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 26.4 | 106 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 158 | 126 | 61-127 |
| 100-42-5 | Styrene | 25 | 23.5 | 94 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 28.6 | 114 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 22.6 | 90 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.0 | 96 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 28.0 | 112 | 80-131 |
| 108-88-3 | Toluene | 25 | 25.8 | 103 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 28.3 | 113 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 28.5 | 114 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 77.3 | 103 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61713
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2688-BS | J043265.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61713-1, F61713-2, F61713-3, F61713-4, F61713-5, F61713-6, F61713-7

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | 76-127% |
| 2037-26-5 | Toluene-D8 | 90% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61713
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61695-7MS | J043274.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| F61695-7MSD | J043275.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| F61695-7 | J043273.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F61713-1, F61713-2, F61713-3, F61713-4, F61713-5, F61713-6, F61713-7

| CAS No. | Compound | F61695-7 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 25 U | 125 | 111 | 89 | 113 | 90 | 2 | 59-134/14 |
| 71-43-2 | Benzene | 1.0 U | 25 | 29.2 | 117 | 29.9 | 120 | 2 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | 25 | 25.3 | 101 | 25.9 | 104 | 2 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | 25 | 20.0 | 80 | 20.5 | 82 | 2 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | 25 | 25.6 | 102 | 25.4 | 102 | 1 | 87-115/9 |
| 75-00-3 | Chloroethane | 2.0 U | 25 | 21.3 | 85 | 25.1 | 100 | 16 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | 25 | 28.3 | 113 | 28.2 | 113 | 0 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | 25 | 24.5 | 98 | 24.8 | 99 | 1 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | 25 | 28.5 | 114 | 29.7 | 119 | 4 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | 25 | 29.5 | 118 | 29.0 | 116 | 2 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | 25 | 27.5 | 110 | 28.7 | 115 | 4 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 U | 25 | 24.3 | 97 | 24.6 | 98 | 1 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | 25 | 28.4 | 114 | 28.9 | 116 | 2 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | 25 | 22.8 | 91 | 22.6 | 90 | 1 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | 25 | 26.4 | 106 | 27.5 | 110 | 4 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | 25 | 25.8 | 103 | 26.2 | 105 | 2 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | 25 | 28.5 | 114 | 28.3 | 113 | 1 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | 25 | 24.3 | 97 | 24.4 | 98 | 0 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 1.0 U | 25 | 25.6 | 102 | 25.8 | 103 | 1 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | 125 | 86.2 | 69 | 86.1 | 69 | 0 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | 125 | 104 | 83 | 103 | 82 | 1 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | 25 | 22.6 | 90 | 24.8 | 99 | 9 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | 25 | 24.0 | 96 | 26.5 | 106 | 10 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | 25 | 26.8 | 107 | 26.1 | 104 | 3 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | 125 | 109 | 87 | 111 | 89 | 2 | 61-127/13 |
| 100-42-5 | Styrene | 1.0 U | 25 | 22.6 | 90 | 22.2 | 89 | 2 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | 25 | 28.1 | 112 | 28.7 | 115 | 2 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | 25 | 22.5 | 90 | 22.2 | 89 | 1 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | 25 | 23.3 | 93 | 23.5 | 94 | 1 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 1.0 U | 25 | 27.4 | 110 | 27.3 | 109 | 0 | 80-131/12 |
| 108-88-3 | Toluene | 1.0 U | 25 | 24.9 | 100 | 25.5 | 102 | 2 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 16.3 | 25 | 44.9 | 114 | 44.5 | 113 | 1 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 1.0 U | 25 | 24.2 | 97 | 27.0 | 108 | 11 | 57-153/22 |
| 1330-20-7 | Xylene (total) | 3.0 U | 75 | 74.5 | 99 | 74.7 | 100 | 0 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61713
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61695-7MS | J043274.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| F61695-7MSD | J043275.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |
| F61695-7 | J043273.D | 1 | 12/04/08 | KW | n/a | n/a | VJ2688 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F61713-1, F61713-2, F61713-3, F61713-4, F61713-5, F61713-6, F61713-7

| CAS No. | Surrogate Recoveries | MS | MSD | F61695-7 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 102% | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 94% | 88% | 76-127% |
| 2037-26-5 | Toluene-D8 | 89% | 91% | 91% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 88% | 90% | 93% | 84-120% |

4.3
4



Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

RFA GZA08033 REL#

Accutest Job Number: F61743

Sampling Date: 11/21/08

Report to:


GZA Environmental, Inc
20900 Swenson Drive Suite 150
Waukesha, WI 53186
bernard.fenelon@gza.com

ATTN: Bernard Fenelon

Total number of pages in report: **65**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.

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Sample Summary

Chrysler LLC

Job No: F61743

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA GZA08033 REL#

| Sample Number | Collected | | Matrix Received | Code | Type | Client Sample ID |
|---------------|-----------|----------|-----------------|------|----------------------|------------------|
| | Date | Time By | | | | |
| F61743-1 | 11/21/08 | 09:45 CA | 11/22/08 | AQ | Ground Water | RW-1 |
| F61743-1A | 11/21/08 | 09:45 CA | 11/22/08 | AQ | Groundwater Filtered | RW-1 |
| F61743-2 | 11/21/08 | 11:15 CA | 11/22/08 | AQ | Ground Water | MW-1C |
| F61743-2A | 11/21/08 | 11:15 CA | 11/22/08 | AQ | Groundwater Filtered | MW-1C |
| F61743-3 | 11/21/08 | 12:45 CA | 11/22/08 | AQ | Ground Water | MW-10D |
| F61743-3A | 11/21/08 | 12:45 CA | 11/22/08 | AQ | Groundwater Filtered | MW-10D |
| F61743-4 | 11/21/08 | 00:00 CA | 11/22/08 | AQ | Ground Water | DUPLICATE 1 |
| F61743-4A | 11/21/08 | 00:00 CA | 11/22/08 | AQ | Groundwater Filtered | DUPLICATE 1 |
| F61743-5 | 11/21/08 | 14:20 CA | 11/22/08 | AQ | Ground Water | RW-2 |
| F61743-6 | 11/21/08 | 00:00 CA | 11/22/08 | AQ | Trip Blank Water | TRIP BLANK |
| F61743-7 | 11/21/08 | 15:00 CA | 11/22/08 | AQ | Field Blank Water | FIELD BLANK 2 |



Sample Results

Report of Analysis

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | RW-1 | |
| Lab Sample ID: | F61743-1 | Date Sampled: 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: 11/22/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032465.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |
| Run #2 | F032500.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|-----------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND ^a | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.3 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | 0.64 | 1.0 | 0.35 | ug/l | J |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: RW-1 | | |
| Lab Sample ID: F61743-1 | | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/22/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 0.64 | 1.0 | 0.30 | ug/l | J |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 105% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | 110% | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | 105% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 99% | 84-120% |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | RW-1 | |
| Lab Sample ID: | F61743-1 | Date Sampled: 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: 11/22/08 |
| Method: | RSKSOP-147/175 | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035418.D | 1 | 11/26/08 | CW | n/a | n/a | GXY1448 |
| Run #2 | XY035468.D | 50 | 12/02/08 | CW | n/a | n/a | GXY1450 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------------------|-----|------|-------|---|
| 74-82-8 | Methane | 24700 ^a | 25 | 8.0 | ug/l | |
| 74-84-0 | Ethane | 2.61 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 5.45 | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: RW-1 | Date Sampled: 11/21/08 |
| Lab Sample ID: F61743-1 | Date Received: 11/22/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 3.8 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 15:30 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 7.6 | 1.0 | 0.50 | mg/l | 1 | 12/01/08 15:45 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: RW-1 | Date Sampled: 11/21/08 |
| Lab Sample ID: F61743-1A | Date Received: 11/22/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23900 | 300 | 23 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 150 | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15529

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-1C | | |
| Lab Sample ID: F61743-2 | | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/22/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|-----|----------|----|-----------|------------|------------------|
| Run #1 | F032466.D | 200 | 12/04/08 | SH | n/a | n/a | VF815 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 5000 | 2000 | ug/l | |
| 71-43-2 | Benzene | ND | 200 | 80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 200 | 40 | ug/l | |
| 75-25-2 | Bromoform | ND | 200 | 66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 200 | 44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 400 | 96 | ug/l | |
| 67-66-3 | Chloroform | ND | 200 | 56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 400 | 80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 200 | 44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 200 | 48 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 200 | 110 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 200 | 68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 200 | 42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 200 | 40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 12400 | 200 | 40 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 200 | 42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 230 | 200 | 90 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 200 | 42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 200 | 86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2000 | 1000 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1000 | 400 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 400 | 160 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 400 | 120 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 1000 | 200 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 1000 | 400 | ug/l | |
| 100-42-5 | Styrene | ND | 200 | 72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 200 | 66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 200 | 42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 200 | 52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 200 | 44 | ug/l | |
| 108-88-3 | Toluene | ND | 200 | 70 | ug/l | |
| 79-01-6 | Trichloroethylene | 2050 | 200 | 64 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | |
| Lab Sample ID: F61743-2 | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | Date Received: 11/22/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 200 | 60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 600 | 230 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 107% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-1C | | |
| Lab Sample ID: F61743-2 | | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/22/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035422.D | 1 | 11/26/08 | CW | n/a | n/a | GXY1448 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 4.00 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 0.81 | 1.0 | 0.43 | ug/l | J |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | Date Sampled: 11/21/08 |
| Lab Sample ID: F61743-2 | Date Received: 11/22/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 288 | 10 | 5.0 | mg/l | 5 | 12/08/08 22:50 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 72.6 | 1.0 | 0.50 | mg/l | 1 | 12/01/08 16:37 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | Date Sampled: 11/21/08 |
| Lab Sample ID: F61743-2A | Date Received: 11/22/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 15900 | 300 | 23 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 89.7 | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15529

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-10D | | |
| Lab Sample ID: F61743-3 | | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/22/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032501.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 6.8 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-10D | |
| Lab Sample ID: F61743-3 | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | Date Received: 11/22/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-10D | | |
| Lab Sample ID: F61743-3 | | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/22/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035423.D | 1 | 11/26/08 | CW | n/a | n/a | GXY1448 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.56 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-10D | Date Sampled: 11/21/08 |
| Lab Sample ID: F61743-3 | Date Received: 11/22/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 41.4 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 16:01 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.6 | 1.0 | 0.50 | mg/l | 1 | 12/01/08 16:54 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-10D | Date Sampled: 11/21/08 |
| Lab Sample ID: F61743-3A | Date Received: 11/22/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-------------------|--------|------|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron ^a | 460 U | 1200 | 460 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 2.4 J | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15529

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 | | |
| Lab Sample ID: | F61743-4 | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: | 11/22/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032479.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 6.8 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 | | |
| Lab Sample ID: | F61743-4 | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: | 11/22/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 | | |
| Lab Sample ID: | F61743-4 | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: | 11/22/08 |
| Method: | RSKSOP-147/175 | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035424.D | 1 | 11/26/08 | CW | n/a | n/a | GXY1448 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.57 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 | | |
| Lab Sample ID: | F61743-4 | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: | 11/22/08 |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |
| | | Percent Solids: | n/a |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 42.8 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 16:17 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.5 | 1.0 | 0.50 | mg/l | 1 | 12/01/08 17:09 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 | | |
| Lab Sample ID: | F61743-4A | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Groundwater Filtered | Date Received: | 11/22/08 |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |
| | | Percent Solids: | n/a |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-------------------|--------|------|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron ^a | 460 U | 1200 | 460 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 2.4 J | 15 | 1.0 | ug/l | 1 | 11/25/08 | 11/26/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6886

(2) Prep QC Batch: MP15529

(a) Elevated reporting limit(s) due to matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | RW-2 | |
| Lab Sample ID: | F61743-5 | Date Sampled: 11/21/08 |
| Matrix: | AQ - Ground Water | Date Received: 11/22/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032487.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: RW-2 | | |
| Lab Sample ID: F61743-5 | | Date Sampled: 11/21/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/22/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 108% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 11/21/08 |
| Lab Sample ID: | F61743-6 | Date Received: | 11/22/08 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032485.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | TRIP BLANK | |
| Lab Sample ID: | F61743-6 | Date Sampled: 11/21/08 |
| Matrix: | AQ - Trip Blank Water | Date Received: 11/22/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | FIELD BLANK 2 | | |
| Lab Sample ID: | F61743-7 | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Field Blank Water | Date Received: | 11/22/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032486.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | FIELD BLANK 2 | | |
| Lab Sample ID: | F61743-7 | Date Sampled: | 11/21/08 |
| Matrix: | AQ - Field Blank Water | Date Received: | 11/22/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 108% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



**Accutest Laboratories Southeast
Chain of Custody**

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

Accutest JOB # **F61743** PAGE 1 OF 1

Accutest Quote # **F61743** S.I.F.#

| | | | | | | | | | | |
|---|--|--|--|--|--|------------------------|--|--|--|---|
| Client / Reporting Information | | Project Information | | | | Analytical Information | | | | Matrix Codes |
| Company Name GZA GE ENVIRONMENTAL, INC. | | Project Name PEEK FARM 2008 ANNUAL SAMPLING EVENT | | | | VOC B260 B | | | | DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge CI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe |
| Address 20960 SWENSON DRIVE SUITE 150 | | Street W5797 FREITAG LANE | | | | MEE | | | | |
| City WALNUT HILL State FL Zip 33186 | | City WATERLOO State FL | | | | TOC | | | | |
| Project Contact Name BERNARD FENEON Email BFENEON@GZA.COM | | Project # 20.0150549.40 | | | | Diss. Fe, Mn | | | | |
| Phone # 262-754-2560 | | Fax # 262-754-9111 | | | | SULFATE | | | | |
| Sampler(s) Name(s) (Print) AINSWORTH | | Client Purchase Order # | | | | | | | | |

| Accutest Sample # | Field ID / Point of Collection | COLLECTION | | CONTAINER INFORMATION | | | | | | | | | | LAB USE ONLY | | | | | | | | | |
|-------------------|--------------------------------|------------|------|-----------------------|--------|--------------------|-------|-----|-----|-----|-----|-----|-----|--------------|-----|-----|-----|-----|---|---|---|---|--|
| | | DATE | TIME | SAMPLED BY | MATRIX | TOTAL # OF BOTTLES | OTHER | NOV | NOV | NOV | NOV | NOV | NOV | | NOV | NOV | NOV | NOV | | | | | |
| 1 | RW-1 | 11/21/08 | 945 | GZA | GW | 10 | | | | | | | | | | | | X | X | X | X | X | |
| 2 | MW-1C | 11/21/08 | 115 | GZA | GW | 10 | | | | | | | | | | | | X | X | X | X | X | |
| 3 | MW-10D | 11/21/08 | 124 | GZA | GW | 10 | | | | | | | | | | | | X | X | X | X | X | |
| 4 | DUPLICATE #1 | 11/21/08 | - | GZA | GW | 10 | | | | | | | | | | | | X | X | X | X | X | |
| 5 | RW-2 | 11/21/08 | 1420 | GZA | GW | 3 | | | | | | | | | | | | X | | | | | |
| 6 | TRIP BLANK | | | | | | | | | | | | | | | | | X | | | | | |
| 7 | FIELD BLANK #2 | 11/21/08 | 1500 | GZA | GW | 3 | | | | | | | | | | | | X | | | | | |

| | | |
|--|--|--|
| TURNAROUND TIME (Business Days) | Data Deliverable Information | Comments / Remarks |
| <input checked="" type="checkbox"/> 10 Days Standard <input type="checkbox"/> 7 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> OTHER | Approved By / Rush Code _____ <input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S | RFA # GZA08033 MANAGER ILL PROJECT MANAGER - PATRICIA BEANSON SITE CODE SF002 |

Sample Custody must be documented below each time samples change possession, including courier delivery.

| | | | | | |
|-------------------------------------|--------------------------|--------------------------------|-------------------------------------|------------------|---------------------------------|
| Relinquished by: [Signature] | Date Time: 11/21/08 1700 | Received By: PER FED EX | Relinquished by: [Signature] | Date Time: 3 | Received By: [Signature] |
| Relinquished by: _____ | Date Time: _____ | Received By: _____ | Relinquished by: _____ | Date Time: _____ | Received By: _____ |
| Relinquished by: _____ | Date Time: _____ | Received By: _____ | Relinquished by: _____ | Date Time: _____ | Received By: _____ |

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: 20

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3



ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F61743 CLIENT: G24 PROJECT: Keek farm 2008
 DATE/TIME RECEIVED: 11-22-08 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.0
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8668 2670 112

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 0
 NUMBER OF 5035 FIELD KITS ? 0
 NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE E.T. 11-22-08 TECHNICIAN SIGNATURE/DATE Chl 11/22/08 ASBD 12/17/07

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

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3



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61743**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF815-MB | F032455.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61743-1, F61743-2, F61743-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61743

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF815-MB | F032455.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-2, F61743-4

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 105% | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

Method Blank Summary

Job Number: F61743**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-MB | F032484.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61743-1, F61743-3, F61743-5, F61743-6, F61743-7

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-MB | F032484.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-3, F61743-5, F61743-6, F61743-7

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 101% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% 76-127% |
| 2037-26-5 | Toluene-D8 | 104% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% 84-120% |

Blank Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF815-BS | F032454.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-2, F61743-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 108 | 86 | 59-134 |
| 71-43-2 | Benzene | 25 | 23.8 | 95 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 23.5 | 94 | 76-116 |
| 75-25-2 | Bromoform | 25 | 23.8 | 95 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 23.7 | 95 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 25.0 | 100 | 54-166 |
| 67-66-3 | Chloroform | 25 | 24.8 | 99 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 20.0 | 80 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 25.3 | 101 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 24.9 | 100 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 25.7 | 103 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 23.9 | 96 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 23.5 | 94 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.5 | 94 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 21.9 | 88 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 24.5 | 98 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 25.5 | 102 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 25.7 | 103 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 23.9 | 96 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 116 | 93 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 125 | 100 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 23.8 | 95 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 21.3 | 85 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 25.1 | 100 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 108 | 86 | 61-127 |
| 100-42-5 | Styrene | 25 | 24.4 | 98 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 25.3 | 101 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.3 | 97 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 23.5 | 94 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 23.7 | 95 | 80-131 |
| 108-88-3 | Toluene | 25 | 23.9 | 96 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 23.0 | 92 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 22.5 | 90 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 73.1 | 97 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF815-BS | F032454.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-2, F61743-4

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-BS | F032483.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-3, F61743-5, F61743-6, F61743-7

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 117 | 94 | 59-134 |
| 71-43-2 | Benzene | 25 | 24.7 | 99 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.0 | 96 | 76-116 |
| 75-25-2 | Bromoform | 25 | 25.3 | 101 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 23.9 | 96 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 24.4 | 98 | 54-166 |
| 67-66-3 | Chloroform | 25 | 25.1 | 100 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 19.5 | 78 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 26.1 | 104 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 25.3 | 101 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 25.5 | 102 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.7 | 99 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 24.0 | 96 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 24.3 | 97 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 22.5 | 90 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 24.6 | 98 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 26.2 | 105 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 26.3 | 105 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 24.5 | 98 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 118 | 94 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 130 | 104 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 24.5 | 98 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 25.6 | 102 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 26.0 | 104 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 112 | 90 | 61-127 |
| 100-42-5 | Styrene | 25 | 25.1 | 100 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 25.9 | 104 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.8 | 99 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.1 | 96 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 24.2 | 97 | 80-131 |
| 108-88-3 | Toluene | 25 | 24.5 | 98 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 23.6 | 94 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 26.2 | 105 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 75.0 | 100 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-BS | F032483.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-3, F61743-5, F61743-6, F61743-7

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61743

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61745-1MS | F032468.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |
| F61745-1MSD | F032469.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |
| F61745-1 | F032457.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-2, F61743-4

| CAS No. | Compound | F61745-1 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 67-64-1 | Acetone | ND | 125 | 83.0 | 66 | 74.8 | 60 | 10 | 59-134/14 | |
| 71-43-2 | Benzene | ND | 25 | 24.7 | 99 | 24.1 | 96 | 2 | 83-124/11 | |
| 75-27-4 | Bromodichloromethane | ND | 25 | 24.1 | 96 | 23.5 | 94 | 3 | 76-116/10 | |
| 75-25-2 | Bromoform | ND | 25 | 25.9 | 104 | 24.4 | 98 | 6 | 68-128/11 | |
| 108-90-7 | Chlorobenzene | ND | 25 | 23.8 | 95 | 23.4 | 94 | 2 | 87-115/9 | |
| 75-00-3 | Chloroethane | ND | 25 | 26.2 | 105 | 25.1 | 100 | 4 | 54-166/20 | |
| 67-66-3 | Chloroform | ND | 25 | 26.1 | 104 | 26.0 | 104 | 0 | 85-123/10 | |
| 75-15-0 | Carbon disulfide | ND | 25 | 20.2 | 81 | 19.1 | 76 | 6 | 67-147/12 | |
| 56-23-5 | Carbon tetrachloride | ND | 25 | 26.3 | 105 | 24.1 | 96 | 9 | 74-139/13 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 25 | 25.7 | 103 | 25.1 | 100 | 2 | 82-127/10 | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 25 | 27.4 | 110 | 24.1 | 96 | 13 | 75-133/13 | |
| 107-06-2 | 1,2-Dichloroethane | 15.9 | 25 | 40.7 | 99 | 39.8 | 96 | 2 | 76-122/11 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 25 | 23.6 | 94 | 23.3 | 93 | 1 | 81-120/11 | |
| 124-48-1 | Dibromochloromethane | ND | 25 | 24.2 | 97 | 23.5 | 94 | 3 | 74-116/11 | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 25 | 22.5 | 90 | 22.2 | 89 | 1 | 81-114/10 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 25 | 23.2 | 93 | 23.0 | 92 | 1 | 83-119/10 | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 25 | 26.1 | 104 | 25.8 | 103 | 1 | 82-126/10 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 25 | 26.0 | 104 | 25.4 | 102 | 2 | 87-123/10 | |
| 100-41-4 | Ethylbenzene | ND | 25 | 24.0 | 96 | 23.3 | 93 | 3 | 87-118/10 | |
| 591-78-6 | 2-Hexanone | ND | 125 | 148 | 118 | 129 | 103 | 14 | 58-125/14 | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 125 | 166 | 133* | 148 | 118 | 11 | 62-125/13 | |
| 74-83-9 | Methyl bromide | ND | 25 | 24.3 | 97 | 24.0 | 96 | 1 | 55-151/21 | |
| 74-87-3 | Methyl chloride | ND | 25 | 20.6 | 82 | 20.6 | 82 | 0 | 55-173/22 | |
| 75-09-2 | Methylene chloride | ND | 25 | 25.9 | 104 | 25.7 | 103 | 1 | 69-125/11 | |
| 78-93-3 | Methyl ethyl ketone | ND | 125 | 104 | 83 | 93.4 | 75 | 11 | 61-127/13 | |
| 100-42-5 | Styrene | ND | 25 | 24.2 | 97 | 23.7 | 95 | 2 | 78-118/11 | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 25 | 26.2 | 105 | 24.9 | 100 | 5 | 79-133/11 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 25 | 26.6 | 106 | 25.1 | 100 | 6 | 71-120/11 | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 25 | 24.5 | 98 | 23.3 | 93 | 5 | 80-114/11 | |
| 127-18-4 | Tetrachloroethylene | ND | 25 | 23.2 | 93 | 22.5 | 90 | 3 | 80-131/12 | |
| 108-88-3 | Toluene | ND | 25 | 23.6 | 94 | 23.3 | 93 | 1 | 86-116/10 | |
| 79-01-6 | Trichloroethylene | ND | 25 | 23.2 | 93 | 22.7 | 91 | 2 | 85-124/10 | |
| 75-01-4 | Vinyl chloride | ND | 25 | 22.3 | 89 | 21.9 | 88 | 2 | 57-153/22 | |
| 1330-20-7 | Xylene (total) | ND | 75 | 73.5 | 98 | 71.9 | 96 | 2 | 86-120/10 | |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61745-1MS | F032468.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |
| F61745-1MSD | F032469.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |
| F61745-1 | F032457.D | 1 | 12/04/08 | SH | n/a | n/a | VF815 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-2, F61743-4

| CAS No. | Surrogate Recoveries | MS | MSD | F61745-1 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 105% | 107% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | 110% | 110% | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | 98% | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 97% | 99% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61743

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61779-9MS | F032491.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9MSD | F032492.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9 | F032488.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-3, F61743-5, F61743-6, F61743-7

| CAS No. | Compound | F61779-9 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 67-64-1 | Acetone | ND | 125 | 74.0 | 59 | 69.7 | 56* | 6 | 59-134/14 | |
| 71-43-2 | Benzene | ND | 25 | 24.6 | 98 | 23.6 | 94 | 4 | 83-124/11 | |
| 75-27-4 | Bromodichloromethane | ND | 25 | 24.6 | 98 | 23.8 | 95 | 3 | 76-116/10 | |
| 75-25-2 | Bromoform | ND | 25 | 25.2 | 101 | 24.0 | 96 | 5 | 68-128/11 | |
| 108-90-7 | Chlorobenzene | ND | 25 | 24.1 | 96 | 23.0 | 92 | 5 | 87-115/9 | |
| 75-00-3 | Chloroethane | ND | 25 | 23.7 | 95 | 22.5 | 90 | 5 | 54-166/20 | |
| 67-66-3 | Chloroform | ND | 25 | 25.4 | 102 | 24.6 | 98 | 3 | 85-123/10 | |
| 75-15-0 | Carbon disulfide | ND | 25 | 18.9 | 76 | 17.8 | 71 | 6 | 67-147/12 | |
| 56-23-5 | Carbon tetrachloride | ND | 25 | 24.7 | 99 | 23.2 | 93 | 6 | 74-139/13 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 25 | 24.9 | 100 | 23.7 | 95 | 5 | 82-127/10 | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 25 | 26.6 | 106 | 24.0 | 96 | 10 | 75-133/13 | |
| 107-06-2 | 1,2-Dichloroethane | ND | 25 | 25.4 | 102 | 25.0 | 100 | 2 | 76-122/11 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 25 | 24.4 | 98 | 23.4 | 94 | 4 | 81-120/11 | |
| 124-48-1 | Dibromochloromethane | ND | 25 | 24.5 | 98 | 23.7 | 95 | 3 | 74-116/11 | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 25 | 21.3 | 85 | 20.8 | 83 | 2 | 81-114/10 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 25 | 24.3 | 97 | 23.2 | 93 | 5 | 83-119/10 | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 25 | 25.3 | 101 | 23.8 | 95 | 6 | 82-126/10 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 25 | 26.8 | 107 | 25.7 | 103 | 4 | 87-123/10 | |
| 100-41-4 | Ethylbenzene | ND | 25 | 24.8 | 99 | 23.0 | 92 | 8 | 87-118/10 | |
| 591-78-6 | 2-Hexanone | ND | 125 | 110 | 88 | 99.7 | 80 | 10 | 58-125/14 | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 125 | 130 | 104 | 122 | 98 | 6 | 62-125/13 | |
| 74-83-9 | Methyl bromide | ND | 25 | 25.9 | 104 | 24.6 | 98 | 5 | 55-151/21 | |
| 74-87-3 | Methyl chloride | ND | 25 | 19.5 | 78 | 22.5 | 90 | 14 | 55-173/22 | |
| 75-09-2 | Methylene chloride | ND | 25 | 24.2 | 97 | 23.8 | 95 | 2 | 69-125/11 | |
| 78-93-3 | Methyl ethyl ketone | ND | 125 | 93.7 | 75 | 87.5 | 70 | 7 | 61-127/13 | |
| 100-42-5 | Styrene | ND | 25 | 24.9 | 100 | 23.6 | 94 | 5 | 78-118/11 | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 25 | 25.0 | 100 | 23.3 | 93 | 7 | 79-133/11 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 25 | 25.3 | 101 | 24.4 | 98 | 4 | 71-120/11 | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 25 | 24.6 | 98 | 23.5 | 94 | 5 | 80-114/11 | |
| 127-18-4 | Tetrachloroethylene | ND | 25 | 24.4 | 98 | 22.0 | 88 | 10 | 80-131/12 | |
| 108-88-3 | Toluene | ND | 25 | 24.7 | 99 | 23.4 | 94 | 5 | 86-116/10 | |
| 79-01-6 | Trichloroethylene | ND | 25 | 24.1 | 96 | 22.6 | 90 | 6 | 85-124/10 | |
| 75-01-4 | Vinyl chloride | ND | 25 | 21.2 | 85 | 21.0 | 84 | 1 | 57-153/22 | |
| 1330-20-7 | Xylene (total) | ND | 75 | 75.7 | 101 | 70.2 | 94 | 8 | 86-120/10 | |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61743

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61779-9MS | F032491.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9MSD | F032492.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9 | F032488.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61743-1, F61743-3, F61743-5, F61743-6, F61743-7

| CAS No. | Surrogate Recoveries | MS | MSD | F61779-9 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 102% | 110% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | 109% | 113% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 99% | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 97% | 96% | 84-120% |

4.3
4



GC Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1448-MB | XY035410.D 1 | | 11/26/08 | CW | n/a | n/a | GXY1448 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1, F61743-2, F61743-3, F61743-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

5.1
5

Method Blank Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1450-MB | XY035460.D 1 | | 12/02/08 | CW | n/a | n/a | GXY1450 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |

5.1
5

Blank Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1448-BS | XY035411.D 1 | | 11/26/08 | CW | n/a | n/a | GXY1448 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1, F61743-2, F61743-3, F61743-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 128 | 119 | 54-149 |
| 74-84-0 | Ethane | 219 | 242 | 111 | 57-143 |
| 74-85-1 | Ethene | 290 | 303 | 104 | 57-143 |

5.2
5

Blank Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1450-BS | XY035461.D 1 | | 12/02/08 | CW | n/a | n/a | GXY1450 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 125 | 116 | 54-149 |

5.2
5

Matrix Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| F61705-3MS | XY035421.D 1 | | 11/26/08 | CW | n/a | n/a | GXY1448 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1, F61743-2, F61743-3, F61743-4

| CAS No. | Compound | ug/l | Q | Spike ug/l | MS ug/l | MS % | Limits |
|---------|----------|------|---|------------|---------|------|--------|
| 74-82-8 | Methane | | | 108 | 160 | 146 | 54-149 |
| 74-84-0 | Ethane | | | 219 | 298 | 136 | 57-143 |
| 74-85-1 | Ethene | | | 290 | 371 | 128 | 57-143 |

5.3
5

Matrix Spike Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| F61695-7MS | XY035467.D 1 | | 12/02/08 | CW | n/a | n/a | GXY1450 |
| F61695-7 | XY035464.D 1 | | 12/02/08 | CW | n/a | n/a | GXY1450 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1

| CAS No. | Compound | F61695-7 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 11.6 | 108 | 149 | 127 | 54-149 |

5.3
5

Duplicate Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F61735-1DUP | XY035425.D 1 | | 11/26/08 | CW | n/a | n/a | GXY1448 |
| F61735-1 | XY035416.D 1 | | 11/26/08 | CW | n/a | n/a | GXY1448 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1, F61743-2, F61743-3, F61743-4

| CAS No. | Compound | F61735-1 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|------------------|---------------|-------|--------|
| 74-82-8 | Methane | 60.5 | 56.2 | 7 | 24 |
| 74-84-0 | Ethane | ND | ND | nc | 23 |
| 74-85-1 | Ethene | ND | ND | nc | 10 |

Duplicate Summary

Job Number: F61743
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F61695-7DUP | XY035466.D 1 | | 12/02/08 | CW | n/a | n/a | GXY1450 |
| F61695-7 | XY035464.D 1 | | 12/02/08 | CW | n/a | n/a | GXY1450 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61743-1

| CAS No. | Compound | F61695-7 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|------------------|---------------|-------|--------|
| 74-82-8 | Methane | 11.6 | 11.4 | 2 | 24 |



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F61743
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15529
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 11/25/08

| Metal | RL | IDL | MB raw | final |
|------------|-------|-----|-----------|-------|
| Aluminum | 200 | 11 | | |
| Antimony | 6.0 | 4.5 | | |
| Arsenic | 10 | 3.6 | | |
| Barium | 200 | 5 | | |
| Beryllium | 4.0 | 1 | | |
| Cadmium | 5.0 | 1 | | |
| Calcium | 1000 | 100 | | |
| Chromium | 10 | 1.6 | anr | |
| Cobalt | 50 | .83 | | |
| Copper | 25 | 2.1 | | |
| Iron | 300 | 23 | 1.1 | <300 |
| Lead | 5.0 | 2 | | |
| Magnesium | 5000 | 100 | | |
| Manganese | 15 | .5 | -0.020 | <15 |
| Molybdenum | 50 | 2.8 | | |
| Nickel | 40 | 2.3 | anr | |
| Potassium | 10000 | 100 | | |
| Selenium | 10 | 3.1 | | |
| Silver | 10 | 1.2 | | |
| Sodium | 10000 | 500 | anr | |
| Thallium | 10 | 3.4 | | |
| Tin | 50 | 2.8 | | |
| Vanadium | 50 | .66 | | |
| Zinc | 20 | 3.8 | | |

Associated samples MP15529: F61743-1A, F61743-2A, F61743-3A, F61743-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.1.1
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61743
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15529
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08 11/25/08

| Metal | F61628-7 Original DUP | | RPD | QC Limits | F61628-7 Original MS | | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|--------------------------|--------|-----|--------------|-------------------------|--------|----------------------|----------|--------------|
| Aluminum | | | | | | | | | |
| Antimony | | | | | | | | | |
| Arsenic | | | | | | | | | |
| Barium | | | | | | | | | |
| Beryllium | | | | | | | | | |
| Cadmium | | | | | | | | | |
| Calcium | | | | | | | | | |
| Chromium | anr | | | | | | | | |
| Cobalt | | | | | | | | | |
| Copper | | | | | | | | | |
| Iron | 157000 | 151000 | 3.9 | 0-20 | 157000 | 174000 | 26000 | 65.4 (a) | 80-120 |
| Lead | | | | | | | | | |
| Magnesium | | | | | | | | | |
| Manganese | 776 | 748 | 3.7 | 0-20 | 776 | 1140 | 500 | 72.8N(b) | 80-120 |
| Molybdenum | | | | | | | | | |
| Nickel | anr | | | | | | | | |
| Potassium | | | | | | | | | |
| Selenium | | | | | | | | | |
| Silver | | | | | | | | | |
| Sodium | anr | | | | | | | | |
| Thallium | | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | | | | | | | | | |
| Zinc | | | | | | | | | |

Associated samples MP15529: F61743-1A, F61743-2A, F61743-3A, F61743-4A

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61743
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15529
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08

| Metal | F61628-7 Original MSD | SpikeLot MPFLICP1 | % Rec | MSD RPD | QC Limit |
|------------|--------------------------|----------------------|-------|------------|-------------|
| Aluminum | | | | | |
| Antimony | | | | | |
| Arsenic | | | | | |
| Barium | | | | | |
| Beryllium | | | | | |
| Cadmium | | | | | |
| Calcium | | | | | |
| Chromium | anr | | | | |
| Cobalt | | | | | |
| Copper | | | | | |
| Iron | 157000 | 174000 | 26000 | 65.4 (a) | 0.0 20 |
| Lead | | | | | |
| Magnesium | | | | | |
| Manganese | 776 | 1140 | 500 | 72.8N(b) | 0.0 20 |
| Molybdenum | | | | | |
| Nickel | anr | | | | |
| Potassium | | | | | |
| Selenium | | | | | |
| Silver | | | | | |
| Sodium | anr | | | | |
| Thallium | | | | | |
| Tin | | | | | |
| Vanadium | | | | | |
| Zinc | | | | | |

Associated samples MP15529: F61743-1A, F61743-2A, F61743-3A, F61743-4A

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F61743
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15529
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|---------------|----------------------|-------|--------------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | anr | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 26700 | 26000 | 102.7 | 80-120 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | 522 | 500 | 104.4 | 80-120 |
| Molybdenum | | | | |
| Nickel | anr | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15529: F61743-1A, F61743-2A, F61743-3A, F61743-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.3

6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F61743
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15529
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 11/25/08

| Metal | F61628-7 Original | SDL 1:5 | %DIF | QC Limits |
|------------|----------------------|---------|----------|--------------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | anr | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 157000 | 204000 | 30.2*(a) | 0-10 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | 776 | 999 | 28.8*(a) | 0-10 |
| Molybdenum | | | | |
| Nickel | anr | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15529: F61743-1A, F61743-2A, F61743-3A, F61743-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested
 (a) Serial dilution indicates possible matrix interference.

6.1.4
6



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61743
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|-----|-----------|-------|--------------|------------|------------|-----------|
| Chloride | GP12209/GN33066 | 2.0 | <2.0 | mg/l | 50 | 51.4 | 102.8 | 90-110% |
| Sulfate | GP12209/GN33066 | 2.0 | <2.0 | mg/l | 50 | 52.1 | 104.2 | 90-110% |
| Total Organic Carbon | GP12177/GN32998 | 1.0 | <1.0 | mg/l | 15 | 15.6 | 104.0 | 90-110% |

Associated Samples:

Batch GP12177: F61743-1, F61743-2, F61743-3, F61743-4

Batch GP12209: F61743-1, F61743-2, F61743-3, F61743-4

(*) Outside of QC limits

7.1
7

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61743
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Chloride | GP12209/GN33066 | F61801-7 | mg/l | 29.2 | 29.8 | 2.0 | 0-20% |
| Sulfate | GP12209/GN33066 | F61801-7 | mg/l | 52.7 | 53.5 | 1.5 | 0-20% |
| Total Organic Carbon | GP12177/GN32998 | F61853-1 | mg/l | 148 | 151 | 2.0 | 0-20% |

Associated Samples:

Batch GP12177: F61743-1, F61743-2, F61743-3, F61743-4

Batch GP12209: F61743-1, F61743-2, F61743-3, F61743-4

(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61743
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|--------|-----------|
| Chloride | GP12209/GN33066 | F61801-7 | mg/l | 29.2 | 50 | 80.7 | 103.0 | 90-110% |
| Sulfate | GP12209/GN33066 | F61801-7 | mg/l | 52.7 | 50 | 103 | 100.6 | 90-110% |
| Total Organic Carbon | GP12177/GN32998 | F61853-1 | mg/l | 148 | 15 | 148 | 0.0(a) | 90-110% |

Associated Samples:

Batch GP12177: F61743-1, F61743-2, F61743-3, F61743-4

Batch GP12209: F61743-1, F61743-2, F61743-3, F61743-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

7.3

7



IT'S ALL IN THE CHEMISTRY

12/19/08

Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

RFA# GZA08003 REL#

Accutest Job Number: F61801

Sampling Dates: 11/22/08 - 11/24/08

Report to:

Client Service (TT)

ATTN: Terry Ternyila

Total number of pages in report: **100**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi
Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.

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Sample Summary

Chrysler LLC

Job No: F61801

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08003 REL#

| Sample Number | Collected | | Matrix Code | Received | Type | Client Sample ID |
|---------------|-----------|-----------|-------------|----------|----------------------|------------------|
| | Date | Time By | | | | |
| F61801-1 | 11/22/08 | 09:45 GZA | AQ | 11/25/08 | Ground Water | MW-11D |
| F61801-1A | 11/22/08 | 09:45 GZA | AQ | 11/25/08 | Groundwater Filtered | MW-11D |
| F61801-2 | 11/22/08 | 11:20 GZA | AQ | 11/25/08 | Ground Water | MW-28D |
| F61801-2A | 11/22/08 | 11:20 GZA | AQ | 11/25/08 | Groundwater Filtered | MW-28D |
| F61801-3 | 11/22/08 | 00:00 GZA | AQ | 11/25/08 | Ground Water | DUPLICATE #2 |
| F61801-3A | 11/22/08 | 00:00 GZA | AQ | 11/25/08 | Groundwater Filtered | DUPLICATE #2 |
| F61801-4 | 11/22/08 | 12:50 GZA | AQ | 11/25/08 | Ground Water | MW-19C |
| F61801-4A | 11/22/08 | 12:50 GZA | AQ | 11/25/08 | Groundwater Filtered | MW-19C |
| F61801-5 | 11/22/08 | 14:20 GZA | AQ | 11/25/08 | Ground Water | MW-30D |
| F61801-5A | 11/22/08 | 14:20 GZA | AQ | 11/25/08 | Groundwater Filtered | MW-30D |
| F61801-6 | 11/24/08 | 09:40 GZA | AQ | 11/25/08 | Ground Water | INJ-2 |
| F61801-6A | 11/24/08 | 09:40 GZA | AQ | 11/25/08 | Groundwater Filtered | INJ-2 |
| F61801-7 | 11/24/08 | 10:40 GZA | AQ | 11/25/08 | Ground Water | INJ-3 |



Sample Summary

(continued)

Chrysler LLC

Job No: F61801

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08003 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|-----------|----------|--------|----------------------|------------------|
| | Date | Time By | | Code | Type | |
| F61801-7A | 11/24/08 | 10:40 GZA | 11/25/08 | AQ | Groundwater Filtered | INJ-3 |
| F61801-8 | 11/24/08 | 11:55 GZA | 11/25/08 | AQ | Ground Water | MW-35D |
| F61801-8A | 11/24/08 | 11:55 GZA | 11/25/08 | AQ | Groundwater Filtered | MW-35D |
| F61801-9 | 11/24/08 | 13:30 GZA | 11/25/08 | AQ | Ground Water | MW-44D |
| F61801-9A | 11/24/08 | 13:30 GZA | 11/25/08 | AQ | Groundwater Filtered | MW-44D |
| F61801-10 | 11/24/08 | 14:45 GZA | 11/25/08 | AQ | Ground Water | MW-40D |
| F61801-10A | 11/24/08 | 14:45 GZA | 11/25/08 | AQ | Groundwater Filtered | MW-40D |
| F61801-11 | 11/24/08 | 00:00 GZA | 11/25/08 | AQ | Ground Water | DUPLICATE #3 |
| F61801-12 | 11/24/08 | 00:00 GZA | 11/25/08 | AQ | Trip Blank Water | TRIP BLANK |

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Chrysler LLC

Job No: F61801

Site: GZAWIWA: Keck Farm Summer Sampling: 5797 Freitag Ln,

Report Date 12/19/2008 9:31:17

11 Samples, 1 Trip Blank were collected on between 11/22/2008 and 11/24/2008 and were received at Accutest on 11/25/2008 properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of F61801. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Data for F61802-2 was mistakenly send to LIMS with dilution factor of 50x. Transcription error. Report reissued.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used

Narrative prepared by:

Svetlana Izosimova, QAO (signature on file)

Date: December 19, 2008



Sample Results

Report of Analysis

Report of Analysis

3.1
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| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-11D | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-1 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032495.D | 50 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|------|-----|-------|---|
| 67-64-1 | Acetone | ND | 1300 | 500 | ug/l | |
| 71-43-2 | Benzene | ND | 50 | 20 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 50 | 10 | ug/l | |
| 75-25-2 | Bromoform | ND | 50 | 17 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 50 | 11 | ug/l | |
| 75-00-3 | Chloroethane | ND | 100 | 24 | ug/l | |
| 67-66-3 | Chloroform | ND | 50 | 14 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 100 | 20 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 50 | 11 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 50 | 12 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 50 | 27 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 50 | 17 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 50 | 11 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 50 | 10 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 20.6 | 50 | 10 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 50 | 11 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 70.6 | 50 | 23 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 50 | 11 | ug/l | |
| 100-41-4 | Ethylbenzene | 23.5 | 50 | 22 | ug/l | J |
| 591-78-6 | 2-Hexanone | ND | 500 | 250 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 250 | 100 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 100 | 39 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 100 | 31 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 250 | 50 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 250 | 100 | ug/l | |
| 100-42-5 | Styrene | ND | 50 | 18 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 50 | 17 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 50 | 11 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 50 | 13 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 50 | 11 | ug/l | |
| 108-88-3 | Toluene | 117 | 50 | 18 | ug/l | |
| 79-01-6 | Trichloroethylene | 3080 | 50 | 16 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
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| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-11D | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-1 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 50 | 15 | ug/l | |
| 1330-20-7 | Xylene (total) | 79.0 | 150 | 58 | ug/l | J |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 108% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 109% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.1
3

| | |
|--|--------------------------------|
| Client Sample ID: MW-11D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-1 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: RSKSOP-147/175 | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035507.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 4.21 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 3.86 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 49.5 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-11D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-1 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 35.5 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 16:32 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 6.3 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 14:15 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-11D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-1A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 1.0 U | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-28D | | |
| Lab Sample ID: F61801-2 | | Date Sampled: 11/22/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/25/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032496.D | 5 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|-----|-------|---|
| 67-64-1 | Acetone | ND | 130 | 50 | ug/l | |
| 71-43-2 | Benzene | ND | 5.0 | 2.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 1.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 5.0 | 1.7 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 1.1 | ug/l | |
| 75-00-3 | Chloroethane | ND | 10 | 2.4 | ug/l | |
| 67-66-3 | Chloroform | ND | 5.0 | 1.4 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 10 | 2.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 1.1 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 1.2 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 5.0 | 2.7 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 1.1 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 1.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 2.5 | 5.0 | 1.0 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 5.0 | 2.3 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 5.0 | 2.2 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 50 | 25 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 25 | 10 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 10 | 3.9 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 10 | 3.1 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 25 | 5.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 25 | 10 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 1.8 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.1 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 1.3 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 5.0 | 1.1 | ug/l | |
| 108-88-3 | Toluene | ND | 5.0 | 1.8 | ug/l | |
| 79-01-6 | Trichloroethylene | 290 | 5.0 | 1.6 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-28D | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-2 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 5.0 | 1.5 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 15 | 5.8 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-28D | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-2 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035508.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 114 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-28D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-2 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 27.5 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 16:48 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 2.0 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 14:31 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-28D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-2A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 164 J | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 50.6 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | DUPLICATE #2 | |
| Lab Sample ID: | F61801-3 | Date Sampled: 11/22/08 |
| Matrix: | AQ - Ground Water | Date Received: 11/25/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032497.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 ^a | F032534.D | 10 | 12/08/08 | SH | n/a | n/a | VF817 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|------------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | 0.99 | 1.0 | 0.54 | ug/l | J |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 2.6 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.4 | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | 0.58 | 1.0 | 0.43 | ug/l | J |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 304 ^b | 10 | 3.2 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

3.5
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| | |
|--|--------------------------------|
| Client Sample ID: DUPLICATE #2 | |
| Lab Sample ID: F61801-3 | Date Sampled: 11/22/08 |
| Matrix: AQ - Ground Water | Date Received: 11/25/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 110% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | 116% | 76-127% |
| 2037-26-5 | Toluene-D8 | 105% | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 98% | 84-120% |

- (a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
- (b) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | DUPLICATE #2 | |
| Lab Sample ID: | F61801-3 | Date Sampled: 11/22/08 |
| Matrix: | AQ - Ground Water | Date Received: 11/25/08 |
| Method: | RSKSOP-147/175 | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035509.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 126 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: DUPLICATE #2 | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-3 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 27.0 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 17:03 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.6 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 15:49 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | DUPLICATE #2 | |
| Lab Sample ID: | F61801-3A | Date Sampled: 11/22/08 |
| Matrix: | AQ - Groundwater Filtered | Date Received: 11/25/08 |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |
| | | Percent Solids: n/a |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 153 J | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 49.3 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-19C | | |
| Lab Sample ID: F61801-4 | | Date Sampled: 11/22/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/25/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032498.D | 50 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 ^a | F032535.D | 50 | 12/08/08 | SH | n/a | n/a | VF817 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|-------------------|------|-----|-------|---|
| 67-64-1 | Acetone | ND | 1300 | 500 | ug/l | |
| 71-43-2 | Benzene | ND | 50 | 20 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 50 | 10 | ug/l | |
| 75-25-2 | Bromoform | ND | 50 | 17 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 50 | 11 | ug/l | |
| 75-00-3 | Chloroethane | ND | 100 | 24 | ug/l | |
| 67-66-3 | Chloroform | ND | 50 | 14 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 100 | 20 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 50 | 11 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 50 | 12 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 50 | 27 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 50 | 17 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 50 | 11 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 50 | 10 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 2920 | 50 | 10 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 50 | 11 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 42.3 | 50 | 23 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 50 | 11 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 50 | 22 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 500 | 250 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 250 | 100 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 100 | 39 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 100 | 31 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 250 | 50 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 250 | 100 | ug/l | |
| 100-42-5 | Styrene | ND | 50 | 18 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 50 | 17 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 50 | 11 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 50 | 13 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 50 | 11 | ug/l | |
| 108-88-3 | Toluene | ND | 50 | 18 | ug/l | |
| 79-01-6 | Trichloroethylene | 31.4 ^b | 50 | 16 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-19C | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-4 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 50 | 15 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 150 | 58 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 108% | 110% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | 117% | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 98% | 84-120% |

- (a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
- (b) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

37
3

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-19C | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-4 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035510.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 279 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 2.1 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 1.6 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-19C | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-4 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 96.3 | 4.0 | 2.0 | mg/l | 2 | 12/08/08 23:05 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 13.9 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 16:04 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-19C | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-4A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 3330 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 22.3 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-30D | Date Sampled: | 11/22/08 |
| Lab Sample ID: | F61801-5 | Date Received: | 11/25/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | F032558.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |
| Run #2 | F032499.D | 2 | 12/05/08 | SH | n/a | n/a | VF816 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|-------------------|-----|------|-------|---|
| 67-64-1 | Acetone | 10.4 | 25 | 10 | ug/l | J |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 57.2 ^b | 2.0 | 0.40 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | 67.9 ^b | 10 | 4.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-30D | | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-5 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|-------------------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 20.4 ^b | 2.0 | 0.60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 105% | 110% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | 113% | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | 96% | 84-120% |

- (a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
- (b) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

3.9
3

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-30D | Date Sampled: | 11/22/08 |
| Lab Sample ID: | F61801-5 | Date Received: | 11/25/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | RSKSOP-147/175 | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035511.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | XY035520.D | 20 | 12/03/08 | CW | n/a | n/a | GXY1452 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------------------|-----|------|-------|---|
| 74-82-8 | Methane | 17200 ^a | 10 | 3.2 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 3.59 | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-30D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-5 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 3.0 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 18:05 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 225 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 16:53 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-30D | Date Sampled: 11/22/08 |
| Lab Sample ID: F61801-5A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 14700 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 961 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-2 | | |
| Lab Sample ID: F61801-6 | | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/25/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032506.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 0.55 | 1.0 | 0.20 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-2 | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-6 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 108% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 115% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-2 | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-6 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035512.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | XY035521.D | 10 | 12/03/08 | CW | n/a | n/a | GXY1452 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|-------------------|-----|------|-------|---|
| 74-82-8 | Methane | 6630 ^a | 5.0 | 1.6 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-2 | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-6 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 54.3 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 18:21 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 2.2 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 17:23 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-2 | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-6A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 2740 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 50.4 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-3 | |
| Lab Sample ID: F61801-7 | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | Date Received: 11/25/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | F032507.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 3.2 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 0.70 | 1.0 | 0.45 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 1.2 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-3 | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-7 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 0.89 | 1.0 | 0.30 | ug/l | J |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 110% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 117% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-3 | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-7 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035513.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | XY035522.D | 50 | 12/03/08 | CW | n/a | n/a | GXY1452 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------------------|-----|------|-------|---|
| 74-82-8 | Methane | 24200 ^a | 25 | 8.0 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 0.70 | 1.0 | 0.43 | ug/l | J |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-3 | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-7 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 52.7 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 18:36 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 3.0 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 17:38 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-3 | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-7A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 12700 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 209 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-35D | |
| Lab Sample ID: F61801-8 | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | Date Received: 11/25/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #2 | M0031912.D | 2 | 12/08/08 | MM | n/a | n/a | VM1305 |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone ^a | 28.3 | 50 | 20 | ug/l | J |
| 71-43-2 | Benzene | ND | 2.0 | 0.80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-25-2 | Bromoform | ND | 2.0 | 0.66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2.0 | 0.44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4.0 | 0.96 | ug/l | |
| 67-66-3 | Chloroform | ND | 2.0 | 0.56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4.0 | 0.80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2.0 | 0.44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 2.0 | 0.48 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 2.0 | 1.1 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 2.0 | 0.68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2.0 | 0.42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2.0 | 0.40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 142 | 2.0 | 0.40 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 | 2.0 | 0.90 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | 0.86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20 | 10 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10 | 4.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4.0 | 1.6 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 4.0 | 1.2 | ug/l | |
| 75-09-2 | Methylene chloride ^b | 8.3 | 10 | 2.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | 185 | 10 | 4.0 | ug/l | |
| 100-42-5 | Styrene | ND | 2.0 | 0.72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2.0 | 0.66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2.0 | 0.52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2.0 | 0.44 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | 0.70 | ug/l | |
| 79-01-6 | Trichloroethylene | 2.8 | 2.0 | 0.64 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-35D | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-8 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 11.2 | 2.0 | 0.60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6.0 | 2.3 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 84-120% |

- (a) Associated BS recovery outside control limits.
- (b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-35D | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-8 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035516.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 48.4 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 1.1 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-35D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-8 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 46.0 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 19:23 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 637 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 17:55 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-35D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-8A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 34600 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 332 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-44D | | |
| Lab Sample ID: F61801-9 | | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/25/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | M0031906.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone ^a | 110 | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | 0.52 | 2.0 | 0.40 | ug/l | J |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 23.8 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | 2.5 | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | 250 | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 11.0 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-44D | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-9 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | | 84-120% |

(a) Associated BS recovery outside control limits.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-9 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: RSKSOP-147/175 | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035517.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 3.11 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.49 | 1.0 | 0.32 | ug/l | J |
| 74-85-1 | Ethene | 1.2 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-9 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 69.9 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 19:38 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 1150 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 18:25 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-9A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 61300 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 2870 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | |
| Lab Sample ID: F61801-10 | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | Date Received: 11/25/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | M0031904.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 63.9 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 0.56 | 1.0 | 0.45 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | 0.83 | 2.0 | 0.61 | ug/l | J |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 79.7 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-40D | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-10 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 6.3 | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | |
| Lab Sample ID: F61801-10 | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | Date Received: 11/25/08 |
| Method: RSKSOP-147/175 | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY035518.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 525 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 2.2 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-10 | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 92.0 | 2.0 | 1.0 | mg/l | 1 | 12/05/08 19:54 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 1.6 | 1.0 | 0.50 | mg/l | 1 | 12/04/08 18:56 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-10A | Date Received: 11/25/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 94.9 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: DUPLICATE #3 | |
| Lab Sample ID: F61801-11 | Date Sampled: 11/24/08 |
| Matrix: AQ - Ground Water | Date Received: 11/25/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | M0031905.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 65.1 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 0.56 | 1.0 | 0.45 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | 0.72 | 2.0 | 0.61 | ug/l | J |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 81.2 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: DUPLICATE #3 | | Date Sampled: 11/24/08 |
| Lab Sample ID: F61801-11 | | Date Received: 11/25/08 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 6.5 | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 11/24/08 |
| Lab Sample ID: | F61801-12 | Date Received: | 11/25/08 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | M0031897.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: TRIP BLANK | |
| Lab Sample ID: F61801-12 | Date Sampled: 11/24/08 |
| Matrix: AQ - Trip Blank Water | Date Received: 11/25/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



Accutest Laboratories Southeast Chain of Custody

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Accutest JOB #

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Accutest Quote #

SKIFF#

| | | | | | | | | | |
|---|--|--|--|---|--|--|--|--|---|
| Client / Reporting Information | | Project Information | | Analytical Information | | | | | Matrix Codes |
| Company Name: GZA GREEN ENVIRONMENTAL INC. | | Project Name: REX FACM 2008 ANNUAL SAMPLING EVENT | | <div style="display: flex; flex-direction: column; align-items: center;"> 100 BZ603 MEE TDC DISS FE, MN SULFATE </div> | | | | | DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge CI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe |
| Address: 10900 SWENSON DRIVE SUITE 150 | | Site #/Address: W5797 FREITAG LANE | | | | | | | |
| City: WAUKESHA State: WI Zip: 53186 | | City: WAUKESHA State: WI | | | | | | | |
| Project Contact: KEVIN FENELW Email: KEVIN.FENELW@GZA.COM | | Project #/Phone: 20.0150549.140 | | | | | | | |
| Phone: 762-754-2560 | | Fax: 762-754-9711 | | | | | | | |
| Sample ID(s) (Prefix): GZAS FENELW | | Client Purchase Order # | | | | | | | |

| Accutest Sample # | Field ID / Point of Collection | COLLECTION | | CONTAINER INFORMATION | | | | | | | | | | | | | LAB USE ONLY | | | | | | | | |
|-------------------|--------------------------------|------------|------|-----------------------|--------|--------------------|-------|------|-----|--------|--------|--------|--------|--------|--------|--------|--------------|--------|--------|--------|---|---|---|---|--|
| | | DATE | TIME | SAMPLED BY | MATRIX | TOTAL # OF BOTTLES | OTHER | NOSE | POC | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | NO. OF | | NO. OF | NO. OF | NO. OF | | | | | |
| 1 | MW-11D | 11/24/08 | 945 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 2 | MW-28D | 11/24/08 | 1120 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 3 | DUPLICATE # 2 | 11/24/08 | - | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 4 | MW-19C | 11/24/08 | 1250 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 5 | MW-30D | 11/24/08 | 1420 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 6 | FWS-2 | 11/24/08 | 990 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 7 | FWS-3 | 11/24/08 | 1040 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 8 | MW-35D | 11/24/08 | 1155 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 9 | MW-44D | 11/24/08 | 1330 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 10 | MW-40D | 11/24/08 | 1445 | GZA | GW | 10 | | 1 | 8 | | | | | | | | | | | X | X | X | X | X | |
| 11 | DUPLICATE #3 | 11/24/08 | - | GZA | GW | 3 | | | 3 | | | | | | | | | | | X | | | | | |
| 12 | TRIP BLANK | | | | | | | | | | | | | | | | | | | X | | | | | |

| | | |
|--|---|---|
| TURNAROUND TIME (Business Days) | Data Deliverable Information | Comments / Remarks |
| <input checked="" type="checkbox"/> 10 Days Standard <input type="checkbox"/> 7 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> OTHER | <input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S | RFA # GZA 08003 CHENSIGER LLC PROJECT MANAGER PATRICIA BEAUSON SITE CODE SF002 |

| | | | |
|--|------------|--------------|------------------|
| Sample Custody must be documented below each time samples change possession, including courier delivery. | | | |
| Relinquished by Sampler: | Date Time: | Received By: | Relinquished by: |
| <i>[Signature]</i> | | <i>FX</i> | <i>FX</i> |
| Relinquished by: | Date Time: | Received By: | Relinquished by: |
| 5 | | 6 | 7 |

Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: Cooler Temperature (s) Celsius: **3.4**

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F61801 CLIENT: GZA PROJECT: Keck Farm
 DATE/TIME RECEIVED: 11/25/08 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 34
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8668 3650 1173

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

SUMMARY OF COMMENTS: MW-44D Sample 9 does not have times on 2 Pollys.

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOURS
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE [Signature] 11/25/08 TECHNICIAN SIGNATURE/DATE [Signature] 11-25-08 ASBD 12/17/07

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GC/MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61801

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-MB | F032484.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-MB | F032484.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 106% | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF817-MB | F032513.D | 1 | 12/08/08 | SH | n/a | n/a | VF817 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-3, F61801-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|-------------------|--------|-----|------|-------|---|
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 107% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 84-120% |

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Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|--------------|----|----------|----|-----------|------------|------------------|
| VM1305-MB | M0031896.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-8, F61801-9, F61801-10, F61801-11, F61801-12

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | 1.3 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|--------------|----|----------|----|-----------|------------|------------------|
| VM1305-MB | M0031896.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-8, F61801-9, F61801-10, F61801-11, F61801-12

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 106% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% 76-127% |
| 2037-26-5 | Toluene-D8 | 103% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 94% 84-120% |

Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF818-MB | F032552.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits |
|-----------|----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 100% 87-116% |

Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF818-MB | F032552.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-5

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% 76-127% |
| 2037-26-5 | Toluene-D8 | 100% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% 84-120% |

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-BS | F032483.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 125 | 117 | 94 | 59-134 |
| 71-43-2 | Benzene | 25 | 24.7 | 99 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.0 | 96 | 76-116 |
| 75-25-2 | Bromoform | 25 | 25.3 | 101 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 23.9 | 96 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 24.4 | 98 | 54-166 |
| 67-66-3 | Chloroform | 25 | 25.1 | 100 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 19.5 | 78 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 26.1 | 104 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 25.3 | 101 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 25.5 | 102 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.7 | 99 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 24.0 | 96 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 24.3 | 97 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 22.5 | 90 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 24.6 | 98 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 26.2 | 105 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 26.3 | 105 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 24.5 | 98 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 118 | 94 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 130 | 104 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 24.5 | 98 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 25.6 | 102 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 26.0 | 104 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 112 | 90 | 61-127 |
| 100-42-5 | Styrene | 25 | 25.1 | 100 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 25.9 | 104 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.8 | 99 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.1 | 96 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 24.2 | 97 | 80-131 |
| 108-88-3 | Toluene | 25 | 24.5 | 98 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 23.6 | 94 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 26.2 | 105 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 75.0 | 100 | 86-120 |

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF816-BS | F032483.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 84-120% |

5.2
5

Blank Spike Summary

Job Number: F61801

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|--------------|----|----------|----|-----------|------------|------------------|
| VM1305-BS | M0031895.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-8, F61801-9, F61801-10, F61801-11, F61801-12

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|---------------|-------------|----------|--------|
| 67-64-1 | Acetone | 125 | 171 | 137* | 59-134 |
| 71-43-2 | Benzene | 25 | 28.6 | 114 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.8 | 99 | 76-116 |
| 75-25-2 | Bromoform | 25 | 25.2 | 101 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 27.0 | 108 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 27.0 | 108 | 54-166 |
| 67-66-3 | Chloroform | 25 | 27.7 | 111 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 25.6 | 102 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 31.2 | 125 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.5 | 118 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 31.8 | 127 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 23.2 | 93 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 27.6 | 110 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 26.2 | 105 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 25.8 | 103 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 26.0 | 104 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 26.2 | 105 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 27.0 | 108 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 27.1 | 108 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 128 | 102 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 120 | 96 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 24.0 | 96 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 25.6 | 102 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 23.9 | 96 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 142 | 114 | 61-127 |
| 100-42-5 | Styrene | 25 | 26.0 | 104 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 26.9 | 108 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 25.0 | 100 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 25.7 | 103 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 30.8 | 123 | 80-131 |
| 108-88-3 | Toluene | 25 | 28.5 | 114 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 29.3 | 117 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 24.7 | 99 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 78.4 | 105 | 86-120 |

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|--------------|----|----------|----|-----------|------------|------------------|
| VM1305-BS | M0031895.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-8, F61801-9, F61801-10, F61801-11, F61801-12

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 89% | 84-120% |

5.2
5

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF817-BS | F032512.D | 1 | 12/08/08 | SH | n/a | n/a | VF817 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-3, F61801-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|-------------------|---------------|-------------|----------|--------|
| 79-01-6 | Trichloroethylene | 25 | 24.4 | 98 | 85-124 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 106% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | 84-120% |

5.2
5

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF818-BS | F032550.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 120 | 96 | 59-134 |
| 71-43-2 | Benzene | 25 | 25.3 | 101 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 22.7 | 91 | 76-116 |
| 75-25-2 | Bromoform | 25 | 24.2 | 97 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 25.1 | 100 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 18.1 | 72 | 54-166 |
| 67-66-3 | Chloroform | 25 | 24.9 | 100 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 21.5 | 86 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 24.4 | 98 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 25.2 | 101 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 24.1 | 96 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 21.9 | 88 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 24.9 | 100 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 24.4 | 98 | 74-116 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 25.4 | 102 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 24.2 | 97 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 25.6 | 102 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 25.8 | 103 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 121 | 97 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 118 | 94 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 17.6 | 70 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 20.1 | 80 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 24.7 | 99 | 69-125 |
| 100-42-5 | Styrene | 25 | 24.2 | 97 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 25.3 | 101 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.0 | 96 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 22.9 | 92 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 25.2 | 101 | 80-131 |
| 108-88-3 | Toluene | 25 | 25.5 | 102 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 24.6 | 98 | 85-124 |
| 1330-20-7 | Xylene (total) | 75 | 77.9 | 104 | 86-120 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|-----------|----------------------|-----|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 87-116% |

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| VF818-BS | F032550.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-5

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

5.2
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61779-9MS | F032491.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9MSD | F032492.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9 | F032488.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7

| CAS No. | Compound | F61779-9 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 125 | 74.0 | 59 | 69.7 | 56* | 6 | 59-134/14 |
| 71-43-2 | Benzene | ND | 25 | 24.6 | 98 | 23.6 | 94 | 4 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | 25 | 24.6 | 98 | 23.8 | 95 | 3 | 76-116/10 |
| 75-25-2 | Bromoform | ND | 25 | 25.2 | 101 | 24.0 | 96 | 5 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | 25 | 24.1 | 96 | 23.0 | 92 | 5 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | 25 | 23.7 | 95 | 22.5 | 90 | 5 | 54-166/20 |
| 67-66-3 | Chloroform | ND | 25 | 25.4 | 102 | 24.6 | 98 | 3 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | 25 | 18.9 | 76 | 17.8 | 71 | 6 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | 25 | 24.7 | 99 | 23.2 | 93 | 6 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | 25 | 24.9 | 100 | 23.7 | 95 | 5 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 25 | 26.6 | 106 | 24.0 | 96 | 10 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | 25 | 25.4 | 102 | 25.0 | 100 | 2 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | 25 | 24.4 | 98 | 23.4 | 94 | 4 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | 25 | 24.5 | 98 | 23.7 | 95 | 3 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 25 | 21.3 | 85 | 20.8 | 83 | 2 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 25 | 24.3 | 97 | 23.2 | 93 | 5 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 25 | 25.3 | 101 | 23.8 | 95 | 6 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 25 | 26.8 | 107 | 25.7 | 103 | 4 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | 25 | 24.8 | 99 | 23.0 | 92 | 8 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | 125 | 110 | 88 | 99.7 | 80 | 10 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 125 | 130 | 104 | 122 | 98 | 6 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | 25 | 25.9 | 104 | 24.6 | 98 | 5 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | 25 | 19.5 | 78 | 22.5 | 90 | 14 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | 25 | 24.2 | 97 | 23.8 | 95 | 2 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | 125 | 93.7 | 75 | 87.5 | 70 | 7 | 61-127/13 |
| 100-42-5 | Styrene | ND | 25 | 24.9 | 100 | 23.6 | 94 | 5 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 25 | 25.0 | 100 | 23.3 | 93 | 7 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 25 | 25.3 | 101 | 24.4 | 98 | 4 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 25 | 24.6 | 98 | 23.5 | 94 | 5 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | 25 | 24.4 | 98 | 22.0 | 88 | 10 | 80-131/12 |
| 108-88-3 | Toluene | ND | 25 | 24.7 | 99 | 23.4 | 94 | 5 | 86-116/10 |
| 79-01-6 | Trichloroethylene | ND | 25 | 24.1 | 96 | 22.6 | 90 | 6 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | 25 | 21.2 | 85 | 21.0 | 84 | 1 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | 75 | 75.7 | 101 | 70.2 | 94 | 8 | 86-120/10 |

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61779-9MS | F032491.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9MSD | F032492.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |
| F61779-9 | F032488.D | 1 | 12/05/08 | SH | n/a | n/a | VF816 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7

| CAS No. | Surrogate Recoveries | MS | MSD | F61779-9 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 102% | 110% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | 109% | 113% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 99% | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 97% | 96% | 84-120% |

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61860-3MS | F032523.D | 1 | 12/08/08 | SH | n/a | n/a | VF817 |
| F61860-3MSD | F032524.D | 1 | 12/08/08 | SH | n/a | n/a | VF817 |
| F61860-3 | F032517.D | 1 | 12/08/08 | SH | n/a | n/a | VF817 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-3, F61801-4

| CAS No. | Compound | F61860-3 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|---------|-------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 79-01-6 | Trichloroethylene | 1.0 U | 25 | 25.1 | 100 | 24.4 | 98 | 3 | 85-124/10 |

| CAS No. | Surrogate Recoveries | MS | MSD | F61860-3 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 111% | 103% | 106% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 117% | 112% | 112% | 76-127% |
| 2037-26-5 | Toluene-D8 | 94% | 95% | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 98% | 98% | 84-120% |

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|--------------|----|----------|----|-----------|------------|------------------|
| F61801-10MS | M0031910.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |
| F61801-10MSD | M0031911.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |
| F61801-10 | M0031904.D 1 | | 12/08/08 | MM | n/a | n/a | VM1305 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-8, F61801-9, F61801-10, F61801-11, F61801-12

| CAS No. | Compound | F61801-10 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|-------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | | 125 | 107 | 86 | 110 | 88 | 3 | 59-134/14 |
| 71-43-2 | Benzene | ND | | 25 | 28.3 | 113 | 27.7 | 111 | 2 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | | 25 | 24.6 | 98 | 24.3 | 97 | 1 | 76-116/10 |
| 75-25-2 | Bromoform | ND | | 25 | 24.4 | 98 | 24.4 | 98 | 0 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | | 25 | 27.0 | 108 | 26.4 | 106 | 2 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | | 25 | 23.3 | 93 | 26.6 | 106 | 13 | 54-166/20 |
| 67-66-3 | Chloroform | ND | | 25 | 28.3 | 113 | 27.3 | 109 | 4 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | | 25 | 25.5 | 102 | 25.3 | 101 | 1 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | | 25 | 31.4 | 126 | 30.2 | 121 | 4 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 25 | 29.8 | 119 | 30.0 | 120 | 1 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | | 25 | 29.7 | 119 | 30.8 | 123 | 4 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 25 | 23.0 | 92 | 23.2 | 93 | 1 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 25 | 27.3 | 109 | 27.2 | 109 | 0 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | | 25 | 25.0 | 100 | 24.9 | 100 | 0 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 63.9 | | 25 | 88.8 | 100 | 87.4 | 94 | 2 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 25 | 23.9 | 96 | 24.3 | 97 | 2 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 0.56 | J | 25 | 26.9 | 105 | 26.7 | 105 | 1 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 25 | 24.8 | 99 | 25.1 | 100 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | | 25 | 26.2 | 105 | 26.2 | 105 | 0 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | | 125 | 110 | 88 | 109 | 87 | 1 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 125 | 115 | 92 | 115 | 92 | 0 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | | 25 | 24.0 | 96 | 25.7 | 103 | 7 | 55-151/21 |
| 74-87-3 | Methyl chloride | 0.83 | J | 25 | 23.8 | 92 | 25.1 | 97 | 5 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | | 25 | 23.5 | 94 | 23.1 | 92 | 2 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | | 125 | 110 | 88 | 110 | 88 | 0 | 61-127/13 |
| 100-42-5 | Styrene | ND | | 25 | 25.4 | 102 | 25.3 | 101 | 0 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 25 | 26.1 | 104 | 25.4 | 102 | 3 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 25 | 24.6 | 98 | 24.5 | 98 | 0 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 25 | 25.4 | 102 | 25.2 | 101 | 1 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | | 25 | 30.5 | 122 | 29.4 | 118 | 4 | 80-131/12 |
| 108-88-3 | Toluene | ND | | 25 | 27.0 | 108 | 27.0 | 108 | 0 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 79.7 | | 25 | 103 | 93 | 99.5 | 79* a | 3 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 6.3 | | 25 | 26.3 | 80 | 28.9 | 90 | 9 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | | 75 | 76.1 | 101 | 74.7 | 100 | 2 | 86-120/10 |

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|------------|----|----------|----|-----------|------------|------------------|
| F61801-10MS | M0031910.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |
| F61801-10MSD | M0031911.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |
| F61801-10 | M0031904.D | 1 | 12/08/08 | MM | n/a | n/a | VM1305 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-8, F61801-9, F61801-10, F61801-11, F61801-12

| CAS No. | Surrogate Recoveries | MS | MSD | F61801-10 | Limits |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 103% | 104% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 90% | 88% | 76-127% |
| 2037-26-5 | Toluene-D8 | 95% | 95% | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 89% | 89% | 92% | 84-120% |

(a) Outside control limits due to high level in sample relative to spike amount.

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61846-8MS | F032560.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |
| F61846-8MSD | F032561.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |
| F61846-8 | F032559.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-5

| CAS No. | Compound | F61846-8 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 25 U | | 125 | 143 | 114 | 138 | 110 | 4 | 59-134/14 |
| 71-43-2 | Benzene | 1.0 U | | 25 | 25.6 | 102 | 24.8 | 99 | 3 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | | 25 | 23.7 | 95 | 23.5 | 94 | 1 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | | 25 | 24.2 | 97 | 23.2 | 93 | 4 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | | 25 | 24.6 | 98 | 24.4 | 98 | 1 | 87-115/9 |
| 75-00-3 | Chloroethane | 37.3 | | 25 | 60.6 | 93 | 57.8 | 82 | 5 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | | 25 | 26.7 | 107 | 25.3 | 101 | 5 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | | 25 | 22.9 | 92 | 21.9 | 88 | 4 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | | 25 | 26.0 | 104 | 24.5 | 98 | 6 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 0.42 | I | 25 | 27.5 | 108 | 25.9 | 102 | 6 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 5.4 | | 25 | 34.3 | 116 | 31.6 | 105 | 8 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 0.53 | I | 25 | 24.3 | 95 | 23.6 | 92 | 3 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | | 25 | 24.5 | 98 | 24.5 | 98 | 0 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | | 25 | 23.8 | 95 | 24.0 | 96 | 1 | 74-116/11 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | | 25 | 24.5 | 98 | 24.5 | 98 | 0 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | | 25 | 25.9 | 104 | 24.2 | 97 | 7 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | | 25 | 25.3 | 101 | 25.5 | 102 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 1.0 U | | 25 | 25.6 | 102 | 25.4 | 102 | 1 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | | 125 | 135 | 108 | 130 | 104 | 4 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | | 125 | 125 | 100 | 122 | 98 | 2 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | | 25 | 22.8 | 91 | 22.2 | 89 | 3 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | | 25 | 21.5 | 86 | 21.2 | 85 | 1 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | | 25 | 26.6 | 106 | 25.2 | 101 | 5 | 69-125/11 |
| 100-42-5 | Styrene | 1.0 U | | 25 | 23.5 | 94 | 23.0 | 92 | 2 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | | 25 | 27.0 | 108 | 25.5 | 102 | 6 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | | 25 | 24.9 | 100 | 24.4 | 98 | 2 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | | 25 | 23.1 | 92 | 23.1 | 92 | 0 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 1.0 U | | 25 | 23.5 | 94 | 23.2 | 93 | 1 | 80-131/12 |
| 108-88-3 | Toluene | 1.0 U | | 25 | 24.3 | 97 | 24.3 | 97 | 0 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 1.0 U | | 25 | 25.1 | 100 | 24.2 | 97 | 4 | 85-124/10 |
| 1330-20-7 | Xylene (total) | 3.0 U | | 75 | 76.9 | 103 | 75.7 | 101 | 2 | 86-120/10 |

| CAS No. | Surrogate Recoveries | MS | MSD | F61846-8 | Limits |
|-----------|----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 100% | 103% | 87-116% |

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F61846-8MS | F032560.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |
| F61846-8MSD | F032561.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |
| F61846-8 | F032559.D | 1 | 12/09/08 | SH | n/a | n/a | VF818 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61801-5

| CAS No. | Surrogate Recoveries | MS | MSD | F61846-8 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 107% | 102% | 102% | 76-127% |
| 2037-26-5 | Toluene-D8 | 95% | 96% | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 102% | 102% | 105% | 84-120% |

5.3
5



GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1452-MB | XY035505.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9, F61801-10

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

6.1
6

Blank Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1452-BS | XY035506.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples: **Method:** RSKSOP-147/175

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9, F61801-10

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 138 | 128 | 54-149 |
| 74-84-0 | Ethane | 219 | 272 | 124 | 57-143 |
| 74-85-1 | Ethene | 290 | 344 | 119 | 57-143 |

Matrix Spike Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| F61801-1MS | XY035523.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |
| F61801-1 | XY035507.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples: Method: RSKSOP-147/175

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9, F61801-10

| CAS No. | Compound | F61801-1 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 4.21 | 108 | 142 | 128 | 54-149 |
| 74-84-0 | Ethane | 3.86 | 219 | 387 | 175* | 57-143 |
| 74-85-1 | Ethene | 49.5 | 290 | 273 | 77 | 57-143 |

Duplicate Summary

Job Number: F61801
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F61801-1DUP | XY035519.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |
| F61801-1 | XY035507.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples: Method: RSKSOP-147/175

F61801-1, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9, F61801-10

| CAS No. | Compound | F61801-1 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|------------------|---------------|-------|--------|
| 74-82-8 | Methane | 4.21 | 4.45 | 6 | 24 |
| 74-84-0 | Ethane | 3.86 | 3.97 | 3 | 23 |
| 74-85-1 | Ethene | 49.5 | 51.6 | 4 | 10 |

6.4
6



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F61801
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/02/08

| Metal | RL | IDL | MB raw | final |
|------------|-------|-----|-----------|-------|
| Aluminum | 200 | 11 | | |
| Antimony | 6.0 | 4.5 | | |
| Arsenic | 10 | 3.6 | | |
| Barium | 200 | 5 | | |
| Beryllium | 4.0 | 1 | | |
| Cadmium | 5.0 | 1 | | |
| Calcium | 1000 | 100 | | |
| Chromium | 10 | 1.6 | | |
| Cobalt | 50 | .83 | | |
| Copper | 25 | 2.1 | | |
| Iron | 300 | 23 | 0.69 | <300 |
| Lead | 5.0 | 2 | | |
| Magnesium | 5000 | 100 | | |
| Manganese | 15 | .5 | 0.0 | <15 |
| Molybdenum | 50 | 2.8 | | |
| Nickel | 40 | 2.3 | | |
| Potassium | 10000 | 100 | | |
| Selenium | 10 | 3.1 | | |
| Silver | 10 | 1.2 | | |
| Sodium | 10000 | 500 | anr | |
| Thallium | 10 | 3.4 | | |
| Tin | 50 | 2.8 | | |
| Vanadium | 50 | .66 | | |
| Zinc | 20 | 3.8 | | |

Associated samples MP15552: F61801-1A, F61801-2A, F61801-3A, F61801-4A, F61801-5A, F61801-6A, F61801-7A, F61801-8A, F61801-9A, F61801-10A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61801
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08 12/02/08

| Metal | F61810-1 Original | DUP | RPD | QC Limits | F61810-1 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits | |
|------------|----------------------|------|-----|--------------|-------------------------|----------------------|-------|--------------|--------|
| Aluminum | | | | | | | | | |
| Antimony | | | | | | | | | |
| Arsenic | | | | | | | | | |
| Barium | | | | | | | | | |
| Beryllium | | | | | | | | | |
| Cadmium | | | | | | | | | |
| Calcium | | | | | | | | | |
| Chromium | | | | | | | | | |
| Cobalt | | | | | | | | | |
| Copper | | | | | | | | | |
| Iron | 823 | 759 | 8.1 | 0-20 | 823 | 25900 | 26000 | 96.5 | 80-120 |
| Lead | | | | | | | | | |
| Magnesium | | | | | | | | | |
| Manganese | 30.2 | 29.0 | 4.1 | 0-20 | 30.2 | 522 | 500 | 98.4 | 80-120 |
| Molybdenum | | | | | | | | | |
| Nickel | | | | | | | | | |
| Potassium | | | | | | | | | |
| Selenium | | | | | | | | | |
| Silver | | | | | | | | | |
| Sodium | anr | | | | | | | | |
| Thallium | | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | | | | | | | | | |
| Zinc | | | | | | | | | |

Associated samples MP15552: F61801-1A, F61801-2A, F61801-3A, F61801-4A, F61801-5A, F61801-6A, F61801-7A, F61801-8A, F61801-9A, F61801-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61801
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

| Metal | F61810-1 Original MSD | SpikeLot MPFLICP1 % Rec | MSD RPD | QC Limit | | |
|------------|--------------------------|----------------------------|------------|-------------|-----|----|
| Aluminum | | | | | | |
| Antimony | | | | | | |
| Arsenic | | | | | | |
| Barium | | | | | | |
| Beryllium | | | | | | |
| Cadmium | | | | | | |
| Calcium | | | | | | |
| Chromium | | | | | | |
| Cobalt | | | | | | |
| Copper | | | | | | |
| Iron | 823 | 26200 | 26000 | 97.6 | 1.2 | 20 |
| Lead | | | | | | |
| Magnesium | | | | | | |
| Manganese | 30.2 | 529 | 500 | 99.8 | 1.3 | 20 |
| Molybdenum | | | | | | |
| Nickel | | | | | | |
| Potassium | | | | | | |
| Selenium | | | | | | |
| Silver | | | | | | |
| Sodium | anr | | | | | |
| Thallium | | | | | | |
| Tin | | | | | | |
| Vanadium | | | | | | |
| Zinc | | | | | | |

Associated samples MP15552: F61801-1A, F61801-2A, F61801-3A, F61801-4A, F61801-5A, F61801-6A, F61801-7A, F61801-8A, F61801-9A, F61801-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.1.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F61801
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 26200 | 26000 | 100.8 | 80-120 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | 508 | 500 | 101.6 | 80-120 |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15552: F61801-1A, F61801-2A, F61801-3A, F61801-4A, F61801-5A, F61801-6A, F61801-7A, F61801-8A, F61801-9A, F61801-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.3
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: F61801
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

| Metal | F61810-1 Original SDL 1:5 | | %DIF | QC Limits |
|------------|------------------------------|------|------|--------------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 823 | 867 | 5.4 | 0-10 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | 30.2 | 31.8 | 5.2 | 0-10 |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15552: F61801-1A, F61801-2A, F61801-3A, F61801-4A, F61801-5A, F61801-6A, F61801-7A, F61801-8A, F61801-9A, F61801-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.4
7



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61801
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|-----|-----------|-------|--------------|------------|------------|-----------|
| Chloride | GP12209/GN33066 | 2.0 | <2.0 | mg/l | 50 | 51.4 | 102.8 | 90-110% |
| Sulfate | GP12209/GN33066 | 2.0 | <2.0 | mg/l | 50 | 52.1 | 104.2 | 90-110% |
| Total Organic Carbon | GP12191/GN33046 | 1.0 | <1.0 | mg/l | 15 | 15.4 | 102.7 | 90-110% |
| Total Organic Carbon | GP12192/GN33046 | 1.0 | <1.0 | mg/l | 15 | 15.1 | 100.7 | 90-110% |

Associated Samples:

Batch GP12191: F61801-1, F61801-2

Batch GP12192: F61801-10, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9

Batch GP12209: F61801-1, F61801-10, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9

(*) Outside of QC limits



DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61801
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|-----------|-----------|
| Chloride | GP12209/GN33066 | F61801-7 | mg/l | 29.2 | 29.8 | 2.0 | 0-20% |
| Sulfate | GP12209/GN33066 | F61801-7 | mg/l | 52.7 | 53.5 | 1.5 | 0-20% |
| Total Organic Carbon | GP12191/GN33046 | F61627-8 | mg/l | 0.52 B | <1.0 | 200.0 (a) | 0-20% |
| Total Organic Carbon | GP12192/GN33046 | F61801-3 | mg/l | 1.6 | 1.7 | 6.1 | 0-20% |

Associated Samples:

Batch GP12191: F61801-1, F61801-2

Batch GP12192: F61801-10, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9

Batch GP12209: F61801-1, F61801-10, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9

(*) Outside of QC limits

(a) RPD acceptable due to low duplicate and sample concentrations.

8.2
8

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61801
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|-------|-----------|
| Chloride | GP12209/GN33066 | F61801-7 | mg/l | 29.2 | 50 | 80.7 | 103.0 | 90-110% |
| Sulfate | GP12209/GN33066 | F61801-7 | mg/l | 52.7 | 50 | 103 | 100.6 | 90-110% |
| Total Organic Carbon | GP12191/GN33046 | F61627-8 | mg/l | 0.52 B | 15 | 15.8 | 101.9 | 90-110% |
| Total Organic Carbon | GP12192/GN33046 | F61801-3 | mg/l | 1.6 | 15 | 17.3 | 104.7 | 90-110% |

Associated Samples:

Batch GP12191: F61801-1, F61801-2

Batch GP12192: F61801-10, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9

Batch GP12209: F61801-1, F61801-10, F61801-2, F61801-3, F61801-4, F61801-5, F61801-6, F61801-7, F61801-8, F61801-9

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits





IT'S ALL IN THE CHEMISTRY

12/11/08

Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

RFA# GZA08033 REL#

Accutest Job Number: F61828

Sampling Date: 11/25/08

Report to:

GZA Environmental, Inc
20900 Swenson Drive Suite 150
Waukesha, WI 53186
bernard.fenelon@gza.com

ATTN: Bernard Fenelon

Total number of pages in report: **55**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi
Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.



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Sample Summary

Chrysler LLC

Job No: F61828

GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08033 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|-----------|----------|--------|----------------------|------------------|
| | Date | Time By | | Code | Type | |
| F61828-1 | 11/25/08 | 09:00 GZA | 11/26/08 | AQ | Ground Water | INJ-1 |
| F61828-2 | 11/25/08 | 10:30 GZA | 11/26/08 | AQ | Ground Water | INJ-4 |
| F61828-3 | 11/25/08 | 11:35 GZA | 11/26/08 | AQ | Ground Water | INJ-5 |
| F61828-3A | 11/25/08 | 11:35 GZA | 11/26/08 | AQ | Groundwater Filtered | INJ-5 |
| F61828-4 | 11/25/08 | 12:50 GZA | 11/26/08 | AQ | Ground Water | INJ-9 |
| F61828-4A | 11/25/08 | 12:50 GZA | 11/26/08 | AQ | Groundwater Filtered | INJ-9 |
| F61828-5 | 11/25/08 | 14:30 GZA | 11/26/08 | AQ | Ground Water | MW-9 |
| F61828-6 | 11/25/08 | 00:00 GZA | 11/26/08 | AQ | Ground Water | DUPLICATE #4 |
| F61828-7 | 11/25/08 | 00:00 GZA | 11/26/08 | AQ | Trip Blank Water | TRIP BLANK |
| F61828-8 | 11/25/08 | 14:00 GZA | 11/26/08 | AQ | Field Blank Water | FIELD BLANK #3 |



Sample Results

Report of Analysis

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-1 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-1 | Date Received: 11/26/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Total Organic Carbon | 4150 | 1.0 | 0.50 | mg/l | 1 | 12/05/08 15:19 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-4 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-2 | Date Received: 11/26/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Total Organic Carbon | 4150 | 1.0 | 0.50 | mg/l | 1 | 12/05/08 17:06 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-5 | Date Sampled: | 11/25/08 |
| Lab Sample ID: | F61828-3 | Date Received: | 11/26/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | B057237.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|-----|-------|---|
| 67-64-1 | Acetone | ND | 250 | 100 | ug/l | |
| 71-43-2 | Benzene | ND | 10 | 4.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 10 | 2.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 10 | 3.3 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 10 | 2.2 | ug/l | |
| 75-00-3 | Chloroethane | ND | 20 | 4.8 | ug/l | |
| 67-66-3 | Chloroform | ND | 10 | 2.8 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 20 | 4.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 10 | 2.2 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 10 | 2.4 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 10 | 5.4 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 10 | 3.4 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 10 | 2.1 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 10 | 2.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 509 | 10 | 2.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 10 | 2.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 10 | 4.5 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 10 | 2.1 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 10 | 4.3 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 100 | 50 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 50 | 20 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 20 | 7.8 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 20 | 6.1 | ug/l | |
| 75-09-2 | Methylene chloride ^b | 42.7 | 50 | 10 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 50 | 20 | ug/l | |
| 100-42-5 | Styrene | ND | 10 | 3.6 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 10 | 3.3 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 10 | 2.1 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 10 | 2.6 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 10 | 2.2 | ug/l | |
| 108-88-3 | Toluene | ND | 10 | 3.5 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 10 | 3.2 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-5 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-3 | Date Received: 11/26/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: SW846 8260B | |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|----|-----|-------|---|
| 75-01-4 | Vinyl chloride | 25.6 | 10 | 3.0 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 30 | 12 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 115% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 115% | | 84-120% |

- (a) Sample was treated with an anti-foaming agent.
- (b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-5 | | |
| Lab Sample ID: F61828-3 | | Date Sampled: 11/25/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/26/08 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | XY035528.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 116 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.58 | 1.0 | 0.32 | ug/l | J |
| 74-85-1 | Ethene | 2.97 | 1.0 | 0.43 | ug/l | |

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-5 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-3 | Date Received: 11/26/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 73.6 | 2.0 | 1.0 | mg/l | 1 | 12/10/08 00:18 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 6180 | 1.0 | 0.50 | mg/l | 1 | 12/05/08 17:40 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-5 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-3A | Date Received: 11/26/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 37200 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 1240 | 15 | 1.0 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | |
| Lab Sample ID: F61828-4 | Date Sampled: 11/25/08 |
| Matrix: AQ - Ground Water | Date Received: 11/26/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | B057238.D | 5 | 12/09/08 | LD | n/a | n/a | VB2397 |
| Run #2 | | | | | | | |

| | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|-----|-------|---|
| 67-64-1 | Acetone | ND | 130 | 50 | ug/l | |
| 71-43-2 | Benzene | ND | 5.0 | 2.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 1.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 5.0 | 1.7 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 1.1 | ug/l | |
| 75-00-3 | Chloroethane | ND | 10 | 2.4 | ug/l | |
| 67-66-3 | Chloroform | ND | 5.0 | 1.4 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 10 | 2.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 1.1 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 1.2 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 5.0 | 2.7 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 1.1 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 1.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 35.2 | 5.0 | 1.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 5.0 | 2.3 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 5.0 | 2.2 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 50 | 25 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 25 | 10 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 10 | 3.9 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 10 | 3.1 | ug/l | |
| 75-09-2 | Methylene chloride ^b | 10.9 | 25 | 5.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 25 | 10 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 1.8 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.1 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 1.3 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 5.0 | 1.1 | ug/l | |
| 108-88-3 | Toluene | ND | 5.0 | 1.8 | ug/l | |
| 79-01-6 | Trichloroethylene | 129 | 5.0 | 1.6 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-9 | | |
| Lab Sample ID: F61828-4 | | Date Sampled: 11/25/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/26/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 5.0 | 1.5 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 15 | 5.8 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 107% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 115% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 115% | | 84-120% |

- (a) Dilution required due to matrix interference (sample foamed). Sample was treated with anti-foaming agent.
- (b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-9 | Date Sampled: | 11/25/08 |
| Lab Sample ID: | F61828-4 | Date Received: | 11/26/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | RSKSOP-147/175 | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | XY035529.D | 1 | 12/03/08 | CW | n/a | n/a | GXY1452 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 12.0 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.75 | 1.0 | 0.32 | ug/l | J |
| 74-85-1 | Ethene | 2.7 | 1.0 | 0.43 | ug/l | |

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-4 | Date Received: 11/26/08 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 99.7 | 2.0 | 1.0 | mg/l | 1 | 12/10/08 00:49 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 4770 | 1.0 | 0.50 | mg/l | 1 | 12/05/08 16:26 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | Date Sampled: 11/25/08 |
| Lab Sample ID: F61828-4A | Date Received: 11/26/08 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|-----------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 83400 | 300 | 23 | ug/l | 1 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |
| Manganese | 5390 | 30 | 2.0 | ug/l | 2 | 12/02/08 | 12/02/08 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA6893

(2) Prep QC Batch: MP15552

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-9 | | |
| Lab Sample ID: F61828-5 | | Date Sampled: 11/25/08 |
| Matrix: AQ - Ground Water | | Date Received: 11/26/08 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|------|----------|----|-----------|------------|------------------|
| Run #1 | B057214.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-------|-------|-------|---|
| 67-64-1 | Acetone | ND | 50000 | 20000 | ug/l | |
| 71-43-2 | Benzene | ND | 2000 | 800 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2000 | 400 | ug/l | |
| 75-25-2 | Bromoform | ND | 2000 | 660 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2000 | 440 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4000 | 960 | ug/l | |
| 67-66-3 | Chloroform | ND | 2000 | 560 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4000 | 800 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2000 | 440 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 2000 | 480 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 2000 | 1100 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 2000 | 680 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2000 | 420 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2000 | 400 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 11800 | 2000 | 400 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2000 | 420 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 2000 | 900 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2000 | 420 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2000 | 860 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20000 | 10000 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10000 | 4000 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4000 | 1600 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 4000 | 1200 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 4540 | 10000 | 2000 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 10000 | 4000 | ug/l | |
| 100-42-5 | Styrene | ND | 2000 | 720 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2000 | 660 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2000 | 420 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2000 | 520 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2000 | 440 | ug/l | |
| 108-88-3 | Toluene | 956 | 2000 | 700 | ug/l | J |
| 79-01-6 | Trichloroethylene | 161000 | 2000 | 640 | ug/l | |

ND = Not detected MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-9 | |
| Lab Sample ID: F61828-5 | Date Sampled: 11/25/08 |
| Matrix: AQ - Ground Water | Date Received: 11/26/08 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|------|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 2000 | 600 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6000 | 2300 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 118% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | DUPLICATE #4 | Date Sampled: | 11/25/08 |
| Lab Sample ID: | F61828-6 | Date Received: | 11/26/08 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|------|----------|----|-----------|------------|------------------|
| Run #1 | B057215.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-------|-------|-------|---|
| 67-64-1 | Acetone | ND | 50000 | 20000 | ug/l | |
| 71-43-2 | Benzene | ND | 2000 | 800 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2000 | 400 | ug/l | |
| 75-25-2 | Bromoform | ND | 2000 | 660 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2000 | 440 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4000 | 960 | ug/l | |
| 67-66-3 | Chloroform | ND | 2000 | 560 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4000 | 800 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2000 | 440 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 2000 | 480 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 2000 | 1100 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 2000 | 680 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2000 | 420 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2000 | 400 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 12900 | 2000 | 400 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2000 | 420 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 2000 | 900 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2000 | 420 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2000 | 860 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20000 | 10000 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10000 | 4000 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4000 | 1600 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 4000 | 1200 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 4990 | 10000 | 2000 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 10000 | 4000 | ug/l | |
| 100-42-5 | Styrene | ND | 2000 | 720 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2000 | 660 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2000 | 420 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2000 | 520 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2000 | 440 | ug/l | |
| 108-88-3 | Toluene | 1030 | 2000 | 700 | ug/l | J |
| 79-01-6 | Trichloroethylene | 172000 | 2000 | 640 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #4 | | |
| Lab Sample ID: | F61828-6 | Date Sampled: | 11/25/08 |
| Matrix: | AQ - Ground Water | Date Received: | 11/26/08 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|------|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 2000 | 600 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6000 | 2300 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 115% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 117% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 11/25/08 |
| Lab Sample ID: | F61828-7 | Date Received: | 11/26/08 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | B057216.D | 1 | 12/08/08 | LD | n/a | n/a | VB2396 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 11/25/08 |
| Lab Sample ID: | F61828-7 | Date Received: | 11/26/08 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 118% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | FIELD BLANK #3 | |
| Lab Sample ID: | F61828-8 | Date Sampled: 11/25/08 |
| Matrix: | AQ - Field Blank Water | Date Received: 11/26/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | B057217.D | 1 | 12/08/08 | LD | n/a | n/a | VB2396 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | FIELD BLANK #3 | |
| Lab Sample ID: | F61828-8 | Date Sampled: 11/25/08 |
| Matrix: | AQ - Field Blank Water | Date Received: 11/26/08 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 117% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F61828 CLIENT: GZA PROJECT: Kelly Farm
 DATE/TIME RECEIVED: 11/26/08 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 1.8
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8de3 4984 9085

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? _____

SUMMARY OF COMMENTS: _____

TECHNICIAN SIGNATURE/DATE CR 11/26/08 TECHNICIAN SIGNATURE/DATE E.T. 11/26/08 ASBD 12/17/07

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOURS
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61828**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2396-MB | B057209.D | 1 | 12/08/08 | LD | n/a | n/a | VB2396 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61828-5, F61828-6, F61828-7, F61828-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2396-MB | B057209.D | 1 | 12/08/08 | LD | n/a | n/a | VB2396 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-5, F61828-6, F61828-7, F61828-8

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 99% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 117% 76-127% |
| 2037-26-5 | Toluene-D8 | 101% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 117% 84-120% |

Method Blank Summary

Job Number: F61828**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2397-MB | B057236.D | 1 | 12/09/08 | LD | n/a | n/a | VB2397 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F61828-3, F61828-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2397-MB | B057236.D | 1 | 12/09/08 | LD | n/a | n/a | VB2397 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-3, F61828-4

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 103% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 115% 76-127% |
| 2037-26-5 | Toluene-D8 | 101% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 116% 84-120% |

Blank Spike Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2396-BS | B057210.D | 1 | 12/08/08 | LD | n/a | n/a | VB2396 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-5, F61828-6, F61828-7, F61828-8

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 170 | 136* | 59-134 |
| 71-43-2 | Benzene | 25 | 28.0 | 112 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.9 | 100 | 76-116 |
| 75-25-2 | Bromoform | 25 | 20.7 | 83 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 25.2 | 101 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 31.7 | 127 | 54-166 |
| 67-66-3 | Chloroform | 25 | 29.2 | 117 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 24.0 | 96 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 26.5 | 106 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.9 | 120 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 30.1 | 120 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 26.9 | 108 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 26.3 | 105 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.5 | 94 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 26.2 | 105 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 26.3 | 105 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 29.9 | 120 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 27.1 | 108 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 27.9 | 112 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 113 | 90 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 112 | 90 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 29.8 | 119 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 33.0 | 132 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 29.2 | 117 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 125 | 100 | 61-127 |
| 100-42-5 | Styrene | 25 | 25.1 | 100 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 29.2 | 117 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 26.1 | 104 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 25.6 | 102 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 22.9 | 92 | 80-131 |
| 108-88-3 | Toluene | 25 | 27.5 | 110 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 26.6 | 106 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 29.4 | 118 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 84.3 | 112 | 86-120 |

4.2
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Blank Spike Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2396-BS | B057210.D | 1 | 12/08/08 | LD | n/a | n/a | VB2396 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-5, F61828-6, F61828-7, F61828-8

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 111% | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2397-BS | B057235.D | 1 | 12/09/08 | LD | n/a | n/a | VB2397 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-3, F61828-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 159 | 127 | 59-134 |
| 71-43-2 | Benzene | 25 | 27.5 | 110 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.3 | 97 | 76-116 |
| 75-25-2 | Bromoform | 25 | 20.3 | 81 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 24.4 | 98 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 33.1 | 132 | 54-166 |
| 67-66-3 | Chloroform | 25 | 28.1 | 112 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 23.1 | 92 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 25.8 | 103 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.1 | 116 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 27.8 | 111 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 26.3 | 105 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 25.3 | 101 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.1 | 92 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 25.5 | 102 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 25.0 | 100 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 29.4 | 118 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 26.3 | 105 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 26.9 | 108 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 107 | 86 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 103 | 82 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 32.5 | 130 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 32.0 | 128 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 26.2 | 105 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 123 | 98 | 61-127 |
| 100-42-5 | Styrene | 25 | 23.9 | 96 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 28.0 | 112 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 24.1 | 96 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.5 | 98 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 22.3 | 89 | 80-131 |
| 108-88-3 | Toluene | 25 | 26.5 | 106 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 26.4 | 106 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 28.9 | 116 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 80.4 | 107 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2397-BS | B057235.D | 1 | 12/09/08 | LD | n/a | n/a | VB2397 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-3, F61828-4

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|------|----------|----|-----------|------------|------------------|
| F61828-5MS | B057222.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |
| F61828-5MSD | B057223.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |
| F61828-5 | B057214.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-5, F61828-6, F61828-7, F61828-8

| CAS No. | Compound | F61828-5 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD | |
|------------|----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|-----------|
| 67-64-1 | Acetone | ND | | 250000 | 232000 | 93 | 207000 | 83 | 11 | 59-134/14 |
| 71-43-2 | Benzene | ND | | 50000 | 53800 | 108 | 51800 | 104 | 4 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | | 50000 | 46300 | 93 | 45000 | 90 | 3 | 76-116/10 |
| 75-25-2 | Bromoform | ND | | 50000 | 38700 | 77 | 38900 | 78 | 1 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | | 50000 | 47800 | 96 | 46900 | 94 | 2 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | | 50000 | 67100 | 134 | 62600 | 125 | 7 | 54-166/20 |
| 67-66-3 | Chloroform | ND | | 50000 | 54500 | 109 | 53700 | 107 | 1 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | | 50000 | 46400 | 93 | 41400 | 83 | 11 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | | 50000 | 48100 | 96 | 45100 | 90 | 6 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | | 50000 | 56700 | 113 | 53800 | 108 | 5 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | | 50000 | 57800 | 116 | 54000 | 108 | 7 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | | 50000 | 49800 | 100 | 48100 | 96 | 3 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | | 50000 | 49100 | 98 | 47400 | 95 | 4 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | | 50000 | 43900 | 88 | 44000 | 88 | 0 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 11800 | | 50000 | 62500 | 101 | 60200 | 97 | 4 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | | 50000 | 48400 | 97 | 46800 | 94 | 3 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | | 50000 | 56800 | 114 | 55400 | 111 | 2 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | | 50000 | 50900 | 102 | 50400 | 101 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | | 50000 | 52800 | 106 | 51600 | 103 | 2 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | | 250000 | 185000 | 74 | 191000 | 76 | 3 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | | 250000 | 203000 | 81 | 204000 | 82 | 0 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | | 50000 | 62500 | 125 | 57000 | 114 | 9 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | | 50000 | 67700 | 135 | 63100 | 126 | 7 | 55-173/22 |
| 75-09-2 | Methylene chloride | 4540 | J | 50000 | 57000 | 105 | 55200 | 101 | 3 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | | 250000 | 209000 | 84 | 209000 | 84 | 0 | 61-127/13 |
| 100-42-5 | Styrene | ND | | 50000 | 47600 | 95 | 47000 | 94 | 1 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | | 50000 | 54500 | 109 | 50700 | 101 | 7 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | | 50000 | 50300 | 101 | 49500 | 99 | 2 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | | 50000 | 48500 | 97 | 48800 | 98 | 1 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | | 50000 | 42800 | 86 | 41400 | 83 | 3 | 80-131/12 |
| 108-88-3 | Toluene | 956 | J | 50000 | 54000 | 106 | 52400 | 103 | 3 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 161000 | | 50000 | 217000 | 112 | 206000 | 90 | 5 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | | 50000 | 62900 | 126 | 56200 | 112 | 11 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | | 150000 | 159000 | 106 | 157000 | 105 | 1 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|------|----------|----|-----------|------------|------------------|
| F61828-5MS | B057222.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |
| F61828-5MSD | B057223.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |
| F61828-5 | B057214.D | 2000 | 12/08/08 | LD | n/a | n/a | VB2396 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-5, F61828-6, F61828-7, F61828-8

| CAS No. | Surrogate Recoveries | MS | MSD | F61828-5 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 101% | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 117% | 107% | 110% | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | 105% | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | 107% | 118% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61828

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| F61830-18MS | B057249.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |
| F61830-18MSD | B057250.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |
| F61830-18 | B057244.D | 5 | 12/09/08 | LD | n/a | n/a | VB2397 |
| F61830-18 | B057248.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-3, F61828-4

| CAS No. | Compound | F61830-18 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 1250 | 1150 | 92 | 1230 | 98 | 7 | 59-134/14 |
| 71-43-2 | Benzene | 47.0 | 250 | 326 | 112 | 327 | 112 | 0 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | 250 | 238 | 95 | 244 | 98 | 2 | 76-116/10 |
| 75-25-2 | Bromoform | ND | 250 | 192 | 77 | 194 | 78 | 1 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | 250 | 249 | 100 | 244 | 98 | 2 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | 250 | 364 | 146 | 361 | 144 | 1 | 54-166/20 |
| 67-66-3 | Chloroform | ND | 250 | 277 | 111 | 287 | 115 | 4 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | 250 | 230 | 92 | 235 | 94 | 2 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | 250 | 251 | 100 | 261 | 104 | 4 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | 250 | 293 | 117 | 297 | 119 | 1 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 250 | 299 | 120 | 308 | 123 | 3 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | 250 | 260 | 104 | 262 | 105 | 1 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | 250 | 255 | 102 | 256 | 102 | 0 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | 250 | 223 | 89 | 224 | 90 | 0 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 250 | 256 | 102 | 253 | 101 | 1 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 250 | 244 | 98 | 248 | 99 | 2 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 250 | 291 | 116 | 292 | 117 | 0 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 250 | 256 | 102 | 256 | 102 | 0 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 9.7 | 250 | 282 | 109 | 282 | 109 | 0 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | 1250 | 1000 | 80 | 1030 | 82 | 3 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1250 | 1040 | 83 | 1100 | 88 | 6 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | 250 | 330 | 132 | 331 | 132 | 0 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | 250 | 340 | 136 | 350 | 140 | 3 | 55-173/22 |
| 75-09-2 | Methylene chloride | 10 | J 250 | 297 | 115 | 303 | 117 | 2 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | 1250 | 1080 | 86 | 1120 | 90 | 4 | 61-127/13 |
| 100-42-5 | Styrene | ND | 250 | 247 | 99 | 241 | 96 | 2 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 250 | 280 | 112 | 289 | 116 | 3 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 250 | 253 | 101 | 256 | 102 | 1 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 250 | 252 | 101 | 248 | 99 | 2 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | 250 | 222 | 89 | 221 | 88 | 0 | 80-131/12 |
| 108-88-3 | Toluene | ND | 250 | 274 | 110 | 270 | 108 | 1 | 86-116/10 |
| 79-01-6 | Trichloroethylene | ND | 250 | 259 | 104 | 263 | 105 | 2 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | 250 | 321 | 128 | 332 | 133 | 3 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | 750 | 831 | 111 | 823 | 110 | 1 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| F61830-18MS | B057249.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |
| F61830-18MSD | B057250.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |
| F61830-18 | B057244.D | 5 | 12/09/08 | LD | n/a | n/a | VB2397 |
| F61830-18 | B057248.D | 10 | 12/09/08 | LD | n/a | n/a | VB2397 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F61828-3, F61828-4

| CAS No. | Surrogate Recoveries | MS | MSD | F61830-18 | F61830-18 | Limits |
|------------|-----------------------|------|------|-----------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 103% | 101% | 100% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | 113% | 114% | 114% | 76-127% |
| 2037-26-5 | Toluene-D8 | 105% | 103% | 103% | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 105% | 106% | 112% | 113% | 84-120% |

4.3
4



GC Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1452-MB | XY035505.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61828-3, F61828-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

5.1
5

Blank Spike Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1452-BS | XY035506.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61828-3, F61828-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 138 | 128 | 54-149 |
| 74-84-0 | Ethane | 219 | 272 | 124 | 57-143 |
| 74-85-1 | Ethene | 290 | 344 | 119 | 57-143 |

Matrix Spike Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| F61801-1MS | XY035523.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |
| F61801-1 | XY035507.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61828-3, F61828-4

| CAS No. | Compound | F61801-1 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 4.21 | 108 | 142 | 128 | 54-149 |
| 74-84-0 | Ethane | 3.86 | 219 | 387 | 175* | 57-143 |
| 74-85-1 | Ethene | 49.5 | 290 | 273 | 77 | 57-143 |

5.3
5

Duplicate Summary

Job Number: F61828
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F61801-1DUP | XY035519.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |
| F61801-1 | XY035507.D 1 | | 12/03/08 | CW | n/a | n/a | GXY1452 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F61828-3, F61828-4

| CAS No. | Compound | F61801-1 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|------------------|---------------|-------|--------|
| 74-82-8 | Methane | 4.21 | 4.45 | 6 | 24 |
| 74-84-0 | Ethane | 3.86 | 3.97 | 3 | 23 |
| 74-85-1 | Ethene | 49.5 | 51.6 | 4 | 10 |

5.4
5



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F61828
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/02/08

| Metal | RL | IDL | MB raw | final |
|------------|-------|-----|-----------|-------|
| Aluminum | 200 | 11 | | |
| Antimony | 6.0 | 4.5 | | |
| Arsenic | 10 | 3.6 | | |
| Barium | 200 | 5 | | |
| Beryllium | 4.0 | 1 | | |
| Cadmium | 5.0 | 1 | | |
| Calcium | 1000 | 100 | | |
| Chromium | 10 | 1.6 | | |
| Cobalt | 50 | .83 | | |
| Copper | 25 | 2.1 | | |
| Iron | 300 | 23 | 0.69 | <300 |
| Lead | 5.0 | 2 | | |
| Magnesium | 5000 | 100 | | |
| Manganese | 15 | .5 | 0.0 | <15 |
| Molybdenum | 50 | 2.8 | | |
| Nickel | 40 | 2.3 | | |
| Potassium | 10000 | 100 | | |
| Selenium | 10 | 3.1 | | |
| Silver | 10 | 1.2 | | |
| Sodium | 10000 | 500 | anr | |
| Thallium | 10 | 3.4 | | |
| Tin | 50 | 2.8 | | |
| Vanadium | 50 | .66 | | |
| Zinc | 20 | 3.8 | | |

Associated samples MP15552: F61828-3A, F61828-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.1.1

6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61828
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552 Methods: SW846 6010B
 Matrix Type: AQUEOUS Units: ug/l

Prep Date: 12/02/08 12/02/08

| Metal | F61810-1 Original | DUP | RPD | QC Limits | F61810-1 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|----------------------|------|-----|--------------|-------------------------|----------------------|-------|--------------|
| Aluminum | | | | | | | | |
| Antimony | | | | | | | | |
| Arsenic | | | | | | | | |
| Barium | | | | | | | | |
| Beryllium | | | | | | | | |
| Cadmium | | | | | | | | |
| Calcium | | | | | | | | |
| Chromium | | | | | | | | |
| Cobalt | | | | | | | | |
| Copper | | | | | | | | |
| Iron | 823 | 759 | 8.1 | 0-20 | 823 | 25900 | 26000 | 96.5 80-120 |
| Lead | | | | | | | | |
| Magnesium | | | | | | | | |
| Manganese | 30.2 | 29.0 | 4.1 | 0-20 | 30.2 | 522 | 500 | 98.4 80-120 |
| Molybdenum | | | | | | | | |
| Nickel | | | | | | | | |
| Potassium | | | | | | | | |
| Selenium | | | | | | | | |
| Silver | | | | | | | | |
| Sodium | anr | | | | | | | |
| Thallium | | | | | | | | |
| Tin | | | | | | | | |
| Vanadium | | | | | | | | |
| Zinc | | | | | | | | |

Associated samples MP15552: F61828-3A, F61828-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F61828
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

| Metal | F61810-1 Original MSD | SpikeLot MPFLICP1 % Rec | MSD RPD | QC Limit | | |
|------------|--------------------------|----------------------------|------------|-------------|-----|----|
| Aluminum | | | | | | |
| Antimony | | | | | | |
| Arsenic | | | | | | |
| Barium | | | | | | |
| Beryllium | | | | | | |
| Cadmium | | | | | | |
| Calcium | | | | | | |
| Chromium | | | | | | |
| Cobalt | | | | | | |
| Copper | | | | | | |
| Iron | 823 | 26200 | 26000 | 97.6 | 1.2 | 20 |
| Lead | | | | | | |
| Magnesium | | | | | | |
| Manganese | 30.2 | 529 | 500 | 99.8 | 1.3 | 20 |
| Molybdenum | | | | | | |
| Nickel | | | | | | |
| Potassium | | | | | | |
| Selenium | | | | | | |
| Silver | | | | | | |
| Sodium | anr | | | | | |
| Thallium | | | | | | |
| Tin | | | | | | |
| Vanadium | | | | | | |
| Zinc | | | | | | |

Associated samples MP15552: F61828-3A, F61828-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F61828
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 26200 | 26000 | 100.8 | 80-120 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | 508 | 500 | 101.6 | 80-120 |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15552: F61828-3A, F61828-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.3

6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F61828
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15552
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

| Metal | F61810-1 Original | SDL 1:5 | %DIF | QC Limits |
|------------|----------------------|---------|------|--------------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 823 | 867 | 5.4 | 0-10 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | 30.2 | 31.8 | 5.2 | 0-10 |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | anr | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP15552: F61828-3A, F61828-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.4
6



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61828
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|-----|-----------|-------|--------------|------------|------------|-----------|
| Chloride | GP12225/GN33101 | 2.0 | <2.0 | mg/l | 50 | 47.8 | 95.6 | 90-110% |
| Sulfate | GP12225/GN33101 | 2.0 | <2.0 | mg/l | 50 | 48.2 | 96.4 | 90-110% |
| Total Organic Carbon | GP12202/GN33065 | 1.0 | <1.0 | mg/l | 15 | 15.5 | 103.3 | 90-110% |

Associated Samples:

Batch GP12202: F61828-1, F61828-2, F61828-3, F61828-4

Batch GP12225: F61828-3, F61828-4

(*) Outside of QC limits

7.1

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DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61828
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Chloride | GP12225/GN33101 | F61701-7 | mg/l | 4.4 | 4.4 | 0.0 | 0-20% |
| Sulfate | GP12225/GN33101 | F61701-7 | mg/l | 2.1 | 2.1 | 0.0 | 0-20% |
| Total Organic Carbon | GP12202/GN33065 | F61655-7 | mg/l | 1.4 | 1.4 | 0.0 | 0-20% |

Associated Samples:

Batch GP12202: F61828-1, F61828-2, F61828-3, F61828-4

Batch GP12225: F61828-3, F61828-4

(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F61828
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm Summer Sampling; 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|----------|-----------|
| Chloride | GP12225/GN33101 | F61701-7 | mg/l | 4.4 | 50 | 50.1 | 91.4 | 90-110% |
| Sulfate | GP12225/GN33101 | F61701-7 | mg/l | 2.1 | 50 | 45.1 | 86.0N(a) | 90-110% |
| Total Organic Carbon | GP12202/GN33065 | F61655-7 | mg/l | 1.4 | 15 | 17.2 | 105.3 | 90-110% |

Associated Samples:

Batch GP12202: F61828-1, F61828-2, F61828-3, F61828-4

Batch GP12225: F61828-3, F61828-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

7.3

7



Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

RFA# GZA08046 REL#

Accutest Job Number: F63514

Sampling Dates: 02/19/09 - 02/20/09

Report to:


GZA Environmental, Inc
20900 Swenson Drive Suite 150
Waukesha, WI 53186
bernard.fenelon@gza.com

ATTN: Bernard Fenelon

Total number of pages in report: **65**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.


Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.

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Sample Summary

Chrysler LLC

Job No: F63514

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08046 REL#

| Sample Number | Collected | | Matrix Received | Code | Type | Client Sample ID |
|---------------|-----------|----------|-----------------|------|----------------------|----------------------|
| | Date | Time By | | | | |
| F63514-1 | 02/19/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | MW-45D |
| F63514-2 | 02/19/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | MW-36D |
| F63514-3 | 02/19/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | MW-41D |
| F63514-4 | 02/19/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | DUPLICATE 1 - MW-41D |
| F63514-5 | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | MW-35D |
| F63514-5A | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Groundwater Filtered | MW-35D |
| F63514-6 | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | MW-44D |
| F63514-6A | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Groundwater Filtered | MW-44D |
| F63514-7 | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | MW-40D |
| F63514-7A | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Groundwater Filtered | MW-40D |
| F63514-8 | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Ground Water | INJ-6 |
| F63514-8A | 02/20/09 | 00:00 CA | 02/21/09 | AQ | Groundwater Filtered | INJ-6 |
| F63514-9 | 02/19/09 | 00:00 CA | 02/21/09 | AQ | Trip Blank Water | TRIP BLANK |



Sample Results

Report of Analysis

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-45D | |
| Lab Sample ID: F63514-1 | Date Sampled: 02/19/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | N0033244.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 54.4 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 59.1 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-45D | | |
| Lab Sample ID: F63514-1 | | Date Sampled: 02/19/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/21/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 85% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 97% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-36D | |
| Lab Sample ID: F63514-2 | Date Sampled: 02/19/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | N0033245.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 7.6 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 12.8 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-36D | |
| Lab Sample ID: F63514-2 | Date Sampled: 02/19/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 84% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 108% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-41D | | |
| Lab Sample ID: F63514-3 | | Date Sampled: 02/19/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/21/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | N0033246.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 99.5 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 4.6 | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 7.1 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-41D | | |
| Lab Sample ID: F63514-3 | | Date Sampled: 02/19/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/21/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 85% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 109% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 - MW-41D | | |
| Lab Sample ID: | F63514-4 | Date Sampled: | 02/19/09 |
| Matrix: | AQ - Ground Water | Date Received: | 02/21/09 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | N0033247.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 95.7 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 4.5 | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 6.9 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE 1 - MW-41D | | |
| Lab Sample ID: | F63514-4 | Date Sampled: | 02/19/09 |
| Matrix: | AQ - Ground Water | Date Received: | 02/21/09 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 84% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 109% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-35D | Date Sampled: | 02/20/09 |
| Lab Sample ID: | F63514-5 | Date Received: | 02/21/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | J045355.D | 2 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| Run #2 ^b | J045361.D | 5 | 03/04/09 | KW | n/a | n/a | VJ2771 |

| | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|------------------|-----|------|-------|---|
| 67-64-1 | Acetone ^c | 383 | 50 | 20 | ug/l | J |
| 71-43-2 | Benzene | ND | 2.0 | 0.80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-25-2 | Bromoform | ND | 2.0 | 0.66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2.0 | 0.44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4.0 | 0.96 | ug/l | |
| 67-66-3 | Chloroform | ND | 2.0 | 0.56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4.0 | 0.80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2.0 | 0.44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 2.0 | 0.48 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 2.0 | 1.1 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 2.0 | 0.68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2.0 | 0.42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2.0 | 0.40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 313 ^d | 5.0 | 1.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 2.0 | 0.90 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | 0.86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20 | 10 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10 | 4.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4.0 | 1.6 | ug/l | |
| 74-87-3 | Methyl chloride | 2.0 | 4.0 | 1.2 | ug/l | J |
| 75-09-2 | Methylene chloride ^e | 6.7 | 10 | 2.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | 612 | 10 | 4.0 | ug/l | |
| 100-42-5 | Styrene | ND | 2.0 | 0.72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2.0 | 0.66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2.0 | 0.52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2.0 | 0.44 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | 0.70 | ug/l | |
| 79-01-6 | Trichloroethylene | 2.7 | 2.0 | 0.64 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-35D | | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-5 | | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 12.6 | 2.0 | 0.60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6.0 | 2.3 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 100% | 98% | 76-127% |
| 2037-26-5 | Toluene-D8 | 105% | 104% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | 108% | 84-120% |

- (a) Sample was not preserved to a pH < 2; reported results are considered minimum values. Sample was treated with an anti-foaming agent.
- (b) Sample was not preserved to a pH < 2; reported results are considered minimum values. Sample was treated with anti-foaming agent.
- (c) CCV outside of control limits; results may be biased high.
- (d) Result is from Run# 2
- (e) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-35D | |
| Lab Sample ID: F63514-5 | Date Sampled: 02/20/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: RSKSOP-147/175 | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | FF00189.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 36.7 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.45 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 2.1 | 1.0 | 0.43 | ug/l | |

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-35D | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-5 | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 68.4 | 2.0 | 1.0 | mg/l | 1 | 02/25/09 14:17 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 5060 | 1.0 | 0.50 | mg/l | 1 | 02/25/09 16:18 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-35D | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-5A | Date Received: 02/21/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|------|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 313000 | 1500 | 120 | ug/l | 5 | 02/24/09 | 02/25/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7064

(2) Prep QC Batch: MP15932

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | |
| Lab Sample ID: F63514-6 | Date Sampled: 02/20/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | J045364.D | 2 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| Run #2 | | | | | | | |

| | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone ^b | 136 | 50 | 20 | ug/l | J |
| 71-43-2 | Benzene | ND | 2.0 | 0.80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-25-2 | Bromoform | ND | 2.0 | 0.66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2.0 | 0.44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4.0 | 0.96 | ug/l | |
| 67-66-3 | Chloroform | ND | 2.0 | 0.56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4.0 | 0.80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2.0 | 0.44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 2.0 | 0.48 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 2.0 | 1.1 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 2.0 | 0.68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2.0 | 0.42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2.0 | 0.40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 83.5 | 2.0 | 0.40 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 2.0 | 0.90 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | 0.86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20 | 10 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10 | 4.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4.0 | 1.6 | ug/l | |
| 74-87-3 | Methyl chloride | 2.2 | 4.0 | 1.2 | ug/l | J |
| 75-09-2 | Methylene chloride ^c | 2.7 | 10 | 2.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | 498 | 10 | 4.0 | ug/l | |
| 100-42-5 | Styrene | ND | 2.0 | 0.72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2.0 | 0.66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2.0 | 0.52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2.0 | 0.44 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | 0.70 | ug/l | |
| 79-01-6 | Trichloroethylene | 15.1 | 2.0 | 0.64 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | |
| Lab Sample ID: F63514-6 | Date Sampled: 02/20/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 2.0 | 0.60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6.0 | 2.3 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 103% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | | 84-120% |

- (a) Sample was not preserved to a pH < 2; reported results are considered minimum values. Sample was treated with an anti-foaming agent.
- (b) CCV outside of control limits; results may be biased high.
- (c) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-44D | | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-6 | | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | FF00190.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 9.13 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.69 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 2.0 | 1.0 | 0.43 | ug/l | |

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-6 | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 54.6 | 2.0 | 1.0 | mg/l | 1 | 02/25/09 14:35 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 2770 | 1.0 | 0.50 | mg/l | 1 | 02/25/09 16:53 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-44D | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-6A | Date Received: 02/21/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 48700 | 300 | 23 | ug/l | 1 | 02/24/09 | 02/24/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7058

(2) Prep QC Batch: MP15932

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | |
| Lab Sample ID: F63514-7 | Date Sampled: 02/20/09 |
| Matrix: AQ - Ground Water | Date Received: 02/21/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J045353.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 73.9 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.6 | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 76.5 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-40D | | |
| Lab Sample ID: F63514-7 | | Date Sampled: 02/20/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/21/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 14.2 | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 104% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 107% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-40D | | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-7 | | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | FF00191.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 604 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 5.21 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-7 | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 80.4 | 2.0 | 1.0 | mg/l | 1 | 02/25/09 14:52 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 58.5 | 1.0 | 0.50 | mg/l | 1 | 02/26/09 17:40 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-40D | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-7A | Date Received: 02/21/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 02/24/09 | 02/24/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7058

(2) Prep QC Batch: MP15932

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-6 | Date Sampled: | 02/20/09 |
| Lab Sample ID: | F63514-8 | Date Received: | 02/21/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | J045354.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone ^b | 145 | 25 | 10 | ug/l | J |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | 97.6 | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-6 | | |
| Lab Sample ID: F63514-8 | | Date Sampled: 02/20/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/21/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 106% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% | | 84-120% |

- (a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
- (b) CCV outside of control limits; results may be biased high.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-6 | | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-8 | | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | FF00192.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 320 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 0.91 | 1.0 | 0.43 | ug/l | |

(a) Sample was not preserved to a pH < 2.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-6 | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-8 | Date Received: 02/21/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 11.4 | 2.0 | 1.0 | mg/l | 1 | 02/25/09 15:45 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 1310 | 1.0 | 0.50 | mg/l | 1 | 02/26/09 14:49 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-6 | Date Sampled: 02/20/09 |
| Lab Sample ID: F63514-8A | Date Received: 02/21/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 16000 | 300 | 23 | ug/l | 1 | 02/24/09 | 02/24/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7058

(2) Prep QC Batch: MP15932

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 02/19/09 |
| Lab Sample ID: | F63514-9 | Date Received: | 02/21/09 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | N0033248.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 02/19/09 |
| Lab Sample ID: | F63514-9 | Date Received: | 02/21/09 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 84% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 108% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody



Accutest Laboratories Southeast Chain of Custody

4405 Vineland Road, Suite C-15 Orlando, FL 32811
TEL: 407-425-6700 • FAX: 407-425-0707

Accutest JOB #

F63514 PAGE **1** OF **1**

Accutest Quote #

SKIFF#

| Client / Reporting Information | | Project Information | | Analytical Information | | | | | | | | | | Matrix Codes |
|--|--|--|--|---|--|--|--|--|--|--|--|--|--|---|
| Company Name GZA GREEN ENVIRONMENTAL INC | | Project Name: RIEF TRM WINTER 2009 POST INJECTION GW SAMPLING | | VOC 82603 MEE SO4 TOC Diss. Fe (Feo Filtered) | | | | | | | | | | DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SO - Soil SL - Sludge OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe |
| Address 20900 SWENSON DRIVE SUITE 150 | | Street 15197 FREYING LN | | | | | | | | | | | | |
| City WALKESTHA State WA Zip 98148 | | City WATERLOON State WA | | | | | | | | | | | | |
| Project Contact PERE FERRER E-mail PERE.FERRER@GZA.COM | | Project # 20.0150340.40 T05E5 | | | | | | | | | | | | |
| Phone 202-254-2562 | | Fax # 202-254-9711 | | | | | | | | | | | | |
| Supplier(s) Name(s) (Printed) WHEAT AND SWEET | | Client Purchase Order # | | | | | | | | | | | | |

| Accutest Sample # | Field ID / Point of Collection | COLLECTION | | SAMPLED BY | MATRIX | TOTAL # OF BOTTLES | OTHER | NONE | PCT | MACH | PINDS | BSCDA | MORPHOLOGY | IN WATER | BSCDA | LAB USE ONLY | |
|-------------------|--------------------------------|------------|-------|------------|--------|--------------------|-------|------|-----|------|-------|-------|------------|----------|-------|--------------|--|
| | | DATE | TIME | | | | | | | | | | | | | | |
| 1 | MW-45D | 2/19/09 | 9:43 | GZA | GW | 3 | | | | | | | | | | | |
| 2 | MW-36D | 2/19/09 | 11:15 | | | | | | | | | | | | | | |
| 3 | MW-41D | 2/19/09 | 14:00 | | | | | | | | | | | | | | |
| 4 | DUPLICATE #1 | 2/19/09 | - | | | | | | | | | | | | | | |
| 5 | MW-35D | 2/20/09 | 9:10 | | | 10 | | 28 | | | | | | | | | |
| 6 | MW-44D | 2/20/09 | 11:00 | | | | | | | | | | | | | | |
| 7 | MW-40D | 2/20/09 | 12:28 | | | | | | | | | | | | | | |
| 8 | INJ-G | 2/20/09 | 15:00 | | | | | | | | | | | | | | |
| 9 | TRIP BLANK | | | | | | | | | | | | | | | | |

| TURNAROUND TIME (Business Days) | | Data Deliverable Information | | Comments / Remarks | |
|--|--|---|--|--|--|
| <input checked="" type="checkbox"/> 10 Days Standard <input type="checkbox"/> 7 Day RUSH <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day EMERGENCY <input type="checkbox"/> 2 Day EMERGENCY <input type="checkbox"/> 1 Day EMERGENCY <input type="checkbox"/> OTHER | | <input type="checkbox"/> COMMERCIAL "A" (RESULTS ONLY) <input type="checkbox"/> COMMERCIAL "B" (RESULTS PLUS QC) <input type="checkbox"/> REDT1 (EPA LEVEL 3) <input type="checkbox"/> FULT1 (EPA LEVEL 4) <input type="checkbox"/> EDD'S | | REF# GZA08046 CHIEF PROJECT MANAGER - PATRICIA L. BEAULT SITE 100556002 | |

| | | | | | |
|---|---------------------------------|--|---------------------------|--------------------------------|-----------------------|
| Sample Custody must be documented below each time samples change possession, including courier delivery. | | | | | |
| Relinquished by Sampler: 1 | Date Time: 2/20/09 17:00 | Received By: 2 PERE FERRER EXP. | Relinquished by: 3 | Date Time: 2/21/09 9:00 | Received By: 4 |
| Relinquished by: 5 | Date Time: | Received By: 6 | Relinquished by: 7 | Date Time: | Received By: 8 |
| Lab Use Only: Custody Seal in Place: Y N Temp Blank Provided: Y N Preserved where Applicable: Y N Total # of Coolers: 1 Cooler Temperature (s) Celsius: 3.0 | | | | | |

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3

F63514: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F63514 CLIENT: GZA PROJECT: Keck Farm
 DATE/TIME RECEIVED: 2/21/09 9:20 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 5.0
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8671 4699 3009

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 0
 NUMBER OF 5035 FIELD KITS ? 0
 NUMBER OF LAB FILTERED METALS ? 4

SUMMARY OF COMMENTS: Sample 5 No times on wet Chem bottle and dissolved met
received 1 trip blank vial broken, Sample #8 metal poly half full,
Sample 5-8 coc has dissolved (fe) field filtered but poly are unprocessed, gave to
metals to preserve in Lab

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE Ch R 2/21/09 TECHNICIAN SIGNATURE/DATE E-T-2/21/09 ASBD 12/17/07

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3



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VN1363-MB | N0033236.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-1, F63514-2, F63514-3, F63514-4, F63514-9

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | 1.8 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VN1363-MB | N0033236.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-1, F63514-2, F63514-3, F63514-4, F63514-9

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 101% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% 76-127% |
| 2037-26-5 | Toluene-D8 | 97% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 102% 84-120% |

Method Blank Summary

Job Number: F63514**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2771-MB | J045349.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2771-MB | J045349.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 97% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% 76-127% |
| 2037-26-5 | Toluene-D8 | 105% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 110% 84-120% |

Blank Spike Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VN1363-BS | N0033235.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-1, F63514-2, F63514-3, F63514-4, F63514-9

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 77.9 | 62 | 59-134 |
| 71-43-2 | Benzene | 25 | 28.1 | 112 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 26.2 | 105 | 76-116 |
| 75-25-2 | Bromoform | 25 | 26.6 | 106 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 26.5 | 106 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 20.9 | 84 | 54-166 |
| 67-66-3 | Chloroform | 25 | 29.2 | 117 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 23.5 | 94 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 30.7 | 123 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.4 | 118 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 27.0 | 108 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 25.9 | 104 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 28.3 | 113 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 26.1 | 104 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 26.2 | 105 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 27.4 | 110 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 27.1 | 108 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 27.4 | 110 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 27.3 | 109 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 103 | 82 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 113 | 90 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 22.7 | 91 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 32.4 | 130 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 25.8 | 103 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 101 | 81 | 61-127 |
| 100-42-5 | Styrene | 25 | 26.7 | 107 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 30.0 | 120 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 23.8 | 95 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.1 | 96 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 30.5 | 122 | 80-131 |
| 108-88-3 | Toluene | 25 | 26.2 | 105 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 28.6 | 114 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 27.1 | 108 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 79.3 | 106 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|------------|----|----------|----|-----------|------------|------------------|
| VN1363-BS | N0033235.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-1, F63514-2, F63514-3, F63514-4, F63514-9

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 104% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | 76-127% |
| 2037-26-5 | Toluene-D8 | 93% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2771-BS | J045348.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 169 | 135* | 59-134 |
| 71-43-2 | Benzene | 25 | 28.7 | 115 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 25.8 | 103 | 76-116 |
| 75-25-2 | Bromoform | 25 | 23.9 | 96 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 27.4 | 110 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 25.7 | 103 | 54-166 |
| 67-66-3 | Chloroform | 25 | 26.9 | 108 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 28.4 | 114 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 29.6 | 118 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 28.4 | 114 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 29.2 | 117 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 25.2 | 101 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 27.5 | 110 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 25.8 | 103 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 27.5 | 110 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 27.9 | 112 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 28.2 | 113 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 29.0 | 116 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 28.0 | 112 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 165 | 132* | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 133 | 106 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 25.4 | 102 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 27.0 | 108 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 24.2 | 97 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 142 | 114 | 61-127 |
| 100-42-5 | Styrene | 25 | 26.3 | 105 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 29.1 | 116 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 26.0 | 104 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 26.4 | 106 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 28.6 | 114 | 80-131 |
| 108-88-3 | Toluene | 25 | 27.1 | 108 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 27.7 | 111 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 25.4 | 102 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 76.8 | 102 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2771-BS | J045348.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 97% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| F63514-2MS | N0033249.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| F63514-2MSD | N0033250.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| F63514-2 | N0033245.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-1, F63514-2, F63514-3, F63514-4, F63514-9

| CAS No. | Compound | F63514-2 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | ND | 125 | 64.0 | 51* | 66.4 | 53* | 4 | 59-134/14 |
| 71-43-2 | Benzene | ND | 25 | 26.3 | 105 | 25.7 | 103 | 2 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | ND | 25 | 24.0 | 96 | 24.0 | 96 | 0 | 76-116/10 |
| 75-25-2 | Bromoform | ND | 25 | 24.3 | 97 | 24.6 | 98 | 1 | 68-128/11 |
| 108-90-7 | Chlorobenzene | ND | 25 | 25.0 | 100 | 24.9 | 100 | 0 | 87-115/9 |
| 75-00-3 | Chloroethane | ND | 25 | 24.2 | 97 | 25.1 | 100 | 4 | 54-166/20 |
| 67-66-3 | Chloroform | ND | 25 | 26.6 | 106 | 25.9 | 104 | 3 | 85-123/10 |
| 75-15-0 | Carbon disulfide | ND | 25 | 19.6 | 78 | 20.9 | 84 | 6 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | ND | 25 | 26.6 | 106 | 26.4 | 106 | 1 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | ND | 25 | 27.3 | 109 | 26.8 | 107 | 2 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | ND | 25 | 22.5 | 90 | 24.6 | 98 | 9 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | ND | 25 | 22.7 | 91 | 22.7 | 91 | 0 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | ND | 25 | 25.3 | 101 | 25.3 | 101 | 0 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | ND | 25 | 24.3 | 97 | 25.1 | 100 | 3 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 7.6 | 25 | 32.4 | 99 | 32.1 | 98 | 1 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 25 | 23.0 | 92 | 22.9 | 92 | 0 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 25 | 23.2 | 93 | 24.1 | 96 | 4 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 25 | 23.9 | 96 | 24.0 | 96 | 0 | 87-123/10 |
| 100-41-4 | Ethylbenzene | ND | 25 | 24.7 | 99 | 24.5 | 98 | 1 | 87-118/10 |
| 591-78-6 | 2-Hexanone | ND | 125 | 95.5 | 76 | 95.6 | 76 | 0 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 125 | 108 | 86 | 109 | 87 | 1 | 62-125/13 |
| 74-83-9 | Methyl bromide | ND | 25 | 22.5 | 90 | 24.4 | 98 | 8 | 55-151/21 |
| 74-87-3 | Methyl chloride | ND | 25 | 27.7 | 111 | 28.5 | 114 | 3 | 55-173/22 |
| 75-09-2 | Methylene chloride | ND | 25 | 23.4 | 94 | 23.5 | 94 | 0 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | ND | 125 | 89.7 | 72 | 87.9 | 70 | 2 | 61-127/13 |
| 100-42-5 | Styrene | ND | 25 | 24.8 | 99 | 24.8 | 99 | 0 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 25 | 25.6 | 102 | 25.5 | 102 | 0 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 25 | 23.3 | 93 | 23.1 | 92 | 1 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 25 | 23.1 | 92 | 23.2 | 93 | 0 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | ND | 25 | 27.2 | 109 | 27.2 | 109 | 0 | 80-131/12 |
| 108-88-3 | Toluene | ND | 25 | 25.0 | 100 | 25.1 | 100 | 0 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 12.8 | 25 | 40.9 | 112 | 39.0 | 105 | 5 | 85-124/10 |
| 75-01-4 | Vinyl chloride | ND | 25 | 21.3 | 85 | 22.5 | 90 | 5 | 57-153/22 |
| 1330-20-7 | Xylene (total) | ND | 75 | 71.9 | 96 | 71.4 | 95 | 1 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|------------|----|----------|----|-----------|------------|------------------|
| F63514-2MS | N0033249.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| F63514-2MSD | N0033250.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |
| F63514-2 | N0033245.D | 1 | 02/26/09 | MM | n/a | n/a | VN1363 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-1, F63514-2, F63514-3, F63514-4, F63514-9

| CAS No. | Surrogate Recoveries | MS | MSD | F63514-2 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 102% | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% | 88% | 84% | 76-127% |
| 2037-26-5 | Toluene-D8 | 94% | 94% | 98% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | 94% | 108% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63514-7MS | J045359.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| F63514-7MSD | J045360.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| F63514-7 | J045353.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | F63514-7 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----------|-------------------|
| 67-64-1 | Acetone | ND | 125 | 71.0 | 57* | 72.8 | 58* | 3 | 59-134/14 | |
| 71-43-2 | Benzene | ND | 25 | 27.8 | 111 | 27.1 | 108 | 3 | 83-124/11 | |
| 75-27-4 | Bromodichloromethane | ND | 25 | 24.8 | 99 | 24.0 | 96 | 3 | 76-116/10 | |
| 75-25-2 | Bromoform | ND | 25 | 20.9 | 84 | 20.1 | 80 | 4 | 68-128/11 | |
| 108-90-7 | Chlorobenzene | ND | 25 | 26.5 | 106 | 26.2 | 105 | 1 | 87-115/9 | |
| 75-00-3 | Chloroethane | ND | 25 | 24.0 | 96 | 24.3 | 97 | 1 | 54-166/20 | |
| 67-66-3 | Chloroform | ND | 25 | 26.3 | 105 | 26.0 | 104 | 1 | 85-123/10 | |
| 75-15-0 | Carbon disulfide | ND | 25 | 27.3 | 109 | 27.3 | 109 | 0 | 67-147/12 | |
| 56-23-5 | Carbon tetrachloride | ND | 25 | 28.7 | 115 | 27.6 | 110 | 4 | 74-139/13 | |
| 75-34-3 | 1,1-Dichloroethane | ND | 25 | 27.8 | 111 | 28.2 | 113 | 1 | 82-127/10 | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 25 | 29.8 | 119 | 29.7 | 119 | 0 | 75-133/13 | |
| 107-06-2 | 1,2-Dichloroethane | ND | 25 | 25.7 | 103 | 25.1 | 100 | 2 | 76-122/11 | |
| 78-87-5 | 1,2-Dichloropropane | ND | 25 | 26.8 | 107 | 26.0 | 104 | 3 | 81-120/11 | |
| 124-48-1 | Dibromochloromethane | ND | 25 | 24.1 | 96 | 23.3 | 93 | 3 | 74-116/11 | |
| 156-59-2 | cis-1,2-Dichloroethylene | 73.9 | 25 | 103 | 116* a | 101 | 108 | 2 | 81-114/10 | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 25 | 24.2 | 97 | 24.9 | 100 | 3 | 83-119/10 | |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.6 | 25 | 28.9 | 109 | 29.1 | 110 | 1 | 82-126/10 | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 25 | 27.3 | 109 | 26.9 | 108 | 1 | 87-123/10 | |
| 100-41-4 | Ethylbenzene | ND | 25 | 27.6 | 110 | 26.8 | 107 | 3 | 87-118/10 | |
| 591-78-6 | 2-Hexanone | ND | 125 | 119 | 95 | 117 | 94 | 2 | 58-125/14 | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 125 | 136 | 109 | 133 | 106 | 2 | 62-125/13 | |
| 74-83-9 | Methyl bromide | ND | 25 | 22.1 | 88 | 23.0 | 92 | 4 | 55-151/21 | |
| 74-87-3 | Methyl chloride | ND | 25 | 25.1 | 100 | 26.4 | 106 | 5 | 55-173/22 | |
| 75-09-2 | Methylene chloride | ND | 25 | 24.0 | 96 | 23.8 | 95 | 1 | 69-125/11 | |
| 78-93-3 | Methyl ethyl ketone | ND | 125 | 91.5 | 73 | 88.1 | 70 | 4 | 61-127/13 | |
| 100-42-5 | Styrene | ND | 25 | 25.3 | 101 | 24.9 | 100 | 2 | 78-118/11 | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 25 | 28.0 | 112 | 27.8 | 111 | 1 | 79-133/11 | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 25 | 26.5 | 106 | 25.9 | 104 | 2 | 71-120/11 | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 25 | 26.0 | 104 | 25.8 | 103 | 1 | 80-114/11 | |
| 127-18-4 | Tetrachloroethylene | ND | 25 | 27.4 | 110 | 27.0 | 108 | 1 | 80-131/12 | |
| 108-88-3 | Toluene | ND | 25 | 26.1 | 104 | 25.9 | 104 | 1 | 86-116/10 | |
| 79-01-6 | Trichloroethylene | 76.5 | 25 | 106 | 118 | 104 | 110 | 2 | 85-124/10 | |
| 75-01-4 | Vinyl chloride | 14.2 | 25 | 35.9 | 87 | 38.1 | 96 | 6 | 57-153/22 | |
| 1330-20-7 | Xylene (total) | ND | 75 | 74.3 | 99 | 72.9 | 97 | 2 | 86-120/10 | |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63514-7MS | J045359.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| F63514-7MSD | J045360.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |
| F63514-7 | J045353.D | 1 | 03/04/09 | KW | n/a | n/a | VJ2771 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Surrogate Recoveries | MS | MSD | F63514-7 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 102% | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | 104% | 99% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 103% | 104% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 98% | 107% | 84-120% |

(a) Outside control limits due to high level in sample relative to spike amount.



GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| GFF11-MB | FF00174.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

Blank Spike Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|----------|-----------|----|----------|----|-----------|------------|------------------|
| GFF11-BS | FF00175.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 103 | 95 | 54-149 |
| 74-84-0 | Ethane | 219 | 199 | 91 | 57-143 |
| 74-85-1 | Ethene | 290 | 253 | 87 | 57-143 |

5.2
5

Matrix Spike Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------------------|-----------|----|----------|----|-----------|------------|------------------|
| F63514-5MS | FF00197.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |
| F63514-5 ^a | FF00189.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | F63514-5 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 36.7 | 108 | 139 | 95 | 54-149 |
| 74-84-0 | Ethane | 0.45 | 219 | 205 | 93 | 57-143 |
| 74-85-1 | Ethene | 2.1 | 290 | 262 | 90 | 57-143 |

(a) Sample was not preserved to a pH < 2.

5.3
5

Duplicate Summary

Job Number: F63514
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------------------|-----------|----|----------|----|-----------|------------|------------------|
| F63514-5DUP | FF00194.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |
| F63514-5 ^a | FF00189.D | 1 | 02/23/09 | SL | n/a | n/a | GFF11 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63514-5, F63514-6, F63514-7, F63514-8

| CAS No. | Compound | F63514-5 | | Q | RPD | Limits |
|---------|----------|----------|-------------|---|-----|--------|
| | | ug/l | DUP ug/l | | | |
| 74-82-8 | Methane | 36.7 | 36.3 | 1 | | 24 |
| 74-84-0 | Ethane | 0.45 | 0.43 | 5 | | 23 |
| 74-85-1 | Ethene | 2.1 | 2.1 | 2 | | 10 |

(a) Sample was not preserved to a pH < 2.

5.4
5



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F63514
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15932
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 02/24/09 02/24/09

| Metal | RL | IDL | MB raw | final | MB raw | final |
|------------|-------|-----|-----------|-------|-----------|-------|
| Aluminum | 200 | 11 | anr | | | |
| Antimony | 6.0 | 4.5 | anr | | | |
| Arsenic | 10 | 3.6 | anr | | | |
| Barium | 200 | 5 | anr | | | |
| Beryllium | 4.0 | 1 | anr | | | |
| Cadmium | 5.0 | 1 | anr | | | |
| Calcium | 1000 | 100 | anr | | | |
| Chromium | 10 | 1.6 | anr | | | |
| Cobalt | 50 | .83 | anr | | | |
| Copper | 25 | 2.1 | anr | | | |
| Iron | 300 | 23 | 4.7 | <300 | 3.0 | <300 |
| Lead | 5.0 | 2 | anr | | | |
| Magnesium | 5000 | 100 | anr | | | |
| Manganese | 15 | .5 | anr | | | |
| Molybdenum | 50 | 2.8 | | | | |
| Nickel | 40 | 2.3 | anr | | | |
| Potassium | 10000 | 100 | anr | | | |
| Selenium | 10 | 3.1 | anr | | | |
| Silver | 10 | 1.2 | anr | | | |
| Sodium | 10000 | 500 | anr | | | |
| Thallium | 10 | 3.4 | anr | | | |
| Tin | 50 | 2.8 | | | | |
| Vanadium | 50 | .66 | anr | | | |
| Zinc | 20 | 3.8 | anr | | | |

Associated samples MP15932: F63514-5A, F63514-6A, F63514-7A, F63514-8A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.1.1
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63514
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15932
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/24/09 02/24/09

| Metal | F63531-1 Original | DUP | RPD | QC Limits | F63531-1 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits | |
|------------|----------------------|-----|-----|--------------|-------------------------|----------------------|-------|--------------|--------|
| Aluminum | anr | | | | | | | | |
| Antimony | anr | | | | | | | | |
| Arsenic | anr | | | | | | | | |
| Barium | anr | | | | | | | | |
| Beryllium | anr | | | | | | | | |
| Cadmium | anr | | | | | | | | |
| Calcium | anr | | | | | | | | |
| Chromium | anr | | | | | | | | |
| Cobalt | anr | | | | | | | | |
| Copper | anr | | | | | | | | |
| Iron | 125 | 127 | 1.6 | 0-20 | 125 | 25400 | 26000 | 97.2 | 80-120 |
| Lead | anr | | | | | | | | |
| Magnesium | anr | | | | | | | | |
| Manganese | anr | | | | | | | | |
| Molybdenum | | | | | | | | | |
| Nickel | anr | | | | | | | | |
| Potassium | anr | | | | | | | | |
| Selenium | anr | | | | | | | | |
| Silver | anr | | | | | | | | |
| Sodium | anr | | | | | | | | |
| Thallium | anr | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | anr | | | | | | | | |
| Zinc | anr | | | | | | | | |

Associated samples MP15932: F63514-5A, F63514-6A, F63514-7A, F63514-8A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63514
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15932
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/24/09

| Metal | F63531-1 Original MSD | SpikeLot MPFLICP1 | % Rec | MSD RPD | QC Limit | |
|------------|--------------------------|----------------------|-------|------------|-------------|----|
| Aluminum | anr | | | | | |
| Antimony | anr | | | | | |
| Arsenic | anr | | | | | |
| Barium | anr | | | | | |
| Beryllium | anr | | | | | |
| Cadmium | anr | | | | | |
| Calcium | anr | | | | | |
| Chromium | anr | | | | | |
| Cobalt | anr | | | | | |
| Copper | anr | | | | | |
| Iron | 125 | 25600 | 26000 | 98.0 | 0.8 | 20 |
| Lead | anr | | | | | |
| Magnesium | anr | | | | | |
| Manganese | anr | | | | | |
| Molybdenum | | | | | | |
| Nickel | anr | | | | | |
| Potassium | anr | | | | | |
| Selenium | anr | | | | | |
| Silver | anr | | | | | |
| Sodium | anr | | | | | |
| Thallium | anr | | | | | |
| Tin | | | | | | |
| Vanadium | anr | | | | | |
| Zinc | anr | | | | | |

Associated samples MP15932: F63514-5A, F63514-6A, F63514-7A, F63514-8A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F63514
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15932
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/24/09

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | anr | | | |
| Antimony | anr | | | |
| Arsenic | anr | | | |
| Barium | anr | | | |
| Beryllium | anr | | | |
| Cadmium | anr | | | |
| Calcium | anr | | | |
| Chromium | anr | | | |
| Cobalt | anr | | | |
| Copper | anr | | | |
| Iron | 25400 | 26000 | 97.7 | 80-120 |
| Lead | anr | | | |
| Magnesium | anr | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | anr | | | |
| Potassium | anr | | | |
| Selenium | anr | | | |
| Silver | anr | | | |
| Sodium | anr | | | |
| Thallium | anr | | | |
| Tin | | | | |
| Vanadium | anr | | | |
| Zinc | anr | | | |

Associated samples MP15932: F63514-5A, F63514-6A, F63514-7A, F63514-8A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.3
 6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F63514
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15932
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/24/09

| Metal | F63531-1 Original | SDL 1:5 | %DIF | QC Limits |
|------------|----------------------|---------|------|--------------|
| Aluminum | anr | | | |
| Antimony | anr | | | |
| Arsenic | anr | | | |
| Barium | anr | | | |
| Beryllium | anr | | | |
| Cadmium | anr | | | |
| Calcium | anr | | | |
| Chromium | anr | | | |
| Cobalt | anr | | | |
| Copper | anr | | | |
| Iron | 125 | 120 | 3.4 | 0-10 |
| Lead | anr | | | |
| Magnesium | anr | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | anr | | | |
| Potassium | anr | | | |
| Selenium | anr | | | |
| Silver | anr | | | |
| Sodium | anr | | | |
| Thallium | anr | | | |
| Tin | | | | |
| Vanadium | anr | | | |
| Zinc | anr | | | |

Associated samples MP15932: F63514-5A, F63514-6A, F63514-7A, F63514-8A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.4
6



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63514
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|------|-----------|-------|--------------|------------|------------|-----------|
| Chloride | GP12576/GN33927 | 2.0 | 0.0 | mg/l | 50 | 48.4 | 96.8 | 90-110% |
| Nitrogen, Nitrate | GP12576/GN33927 | 0.10 | 0.0 | mg/l | 2.5 | 2.49 | 99.6 | 90-110% |
| Sulfate | GP12576/GN33927 | 2.0 | 0.0 | mg/l | 50 | 46.4 | 92.8 | 90-110% |
| Total Organic Carbon | GP12573/GN33918 | 1.0 | 0.0 | mg/l | 15 | 15.7 | 104.7 | 90-110% |
| Total Organic Carbon | GP12579/GN33946 | 1.0 | 0.0 | mg/l | 15 | 15.0 | 100.0 | 90-110% |

Associated Samples:

Batch GP12573: F63514-5, F63514-6
Batch GP12576: F63514-5, F63514-6, F63514-7, F63514-8
Batch GP12579: F63514-7, F63514-8
(*) Outside of QC limits

7.1
7

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63514
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Chloride | GP12576/GN33927 | F63479-3 | mg/l | 31.0 | 30.9 | 0.3 | 0-20% |
| Nitrogen, Nitrate | GP12576/GN33927 | F63479-3 | mg/l | 0.050 U | 0.0 | 0.0 | 0-20% |
| Sulfate | GP12576/GN33927 | F63479-3 | mg/l | 71.1 | 71.0 | 0.1 | 0-20% |
| Total Organic Carbon | GP12573/GN33918 | F63478-1 | mg/l | 7.8 | 7.9 | 1.3 | 0-20% |
| Total Organic Carbon | GP12579/GN33946 | F63514-8 | mg/l | 1310 | 1310 | 0.0 | 0-20% |

Associated Samples:

Batch GP12573: F63514-5, F63514-6
Batch GP12576: F63514-5, F63514-6, F63514-7, F63514-8
Batch GP12579: F63514-7, F63514-8
(*) Outside of QC limits

7.2
7

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63514
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|----------|-----------|
| Chloride | GP12576/GN33927 | F63479-3 | mg/l | 31.0 | 50 | 79.6 | 97.2 | 90-110% |
| Nitrogen, Nitrate | GP12576/GN33927 | F63479-3 | mg/l | 0.050 U | 2.5 | 2.6 | 104.0 | 90-110% |
| Sulfate | GP12576/GN33927 | F63479-3 | mg/l | 71.1 | 50 | 116 | 89.8N(a) | 90-110% |
| Total Organic Carbon | GP12573/GN33918 | F63478-1 | mg/l | 7.8 | 15 | 22.5 | 98.0 | 90-110% |
| Total Organic Carbon | GP12579/GN33946 | F63514-8 | mg/l | 1310 | 15 | 1110 | 0.0(b) | 90-110% |

Associated Samples:

Batch GP12573: F63514-5, F63514-6
Batch GP12576: F63514-5, F63514-6, F63514-7, F63514-8
Batch GP12579: F63514-7, F63514-8

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

7.3

7



IT'S ALL IN THE CHEMISTRY

03/09/09

Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

RFA# GZA08046 REL#

Accutest Job Number: F63545

Sampling Date: 02/23/09

Report to:

GZA Environmental, Inc
20900 Swenson Drive Suite 150
Waukesha, WI 53186
bernard.fenelon@gza.com

ATTN: Bernard Fenelon

Total number of pages in report: **58**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

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Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Test results relate only to samples analyzed.

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2

3

4

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Sample Summary

Chrysler LLC

Job No: F63545

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08046 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|----------|----------|--------|----------------------|------------------|
| | Date | Time By | | Code | Type | |
| F63545-1 | 02/23/09 | 10:00 CA | 02/24/09 | AQ | Ground Water | INJ-1 |
| F63545-2 | 02/23/09 | 11:20 CA | 02/24/09 | AQ | Ground Water | MW-19C |
| F63545-2A | 02/23/09 | 11:20 CA | 02/24/09 | AQ | Groundwater Filtered | MW-19C |
| F63545-3 | 02/23/09 | 13:10 CA | 02/24/09 | AQ | Ground Water | INJ-4 |
| F63545-3A | 02/23/09 | 13:10 CA | 02/24/09 | AQ | Groundwater Filtered | INJ-4 |
| F63545-4 | 02/23/09 | 14:40 CA | 02/24/09 | AQ | Ground Water | MW-1C |
| F63545-4A | 02/23/09 | 14:40 CA | 02/24/09 | AQ | Groundwater Filtered | MW-1C |
| F63545-5 | 02/23/09 | 00:00 CA | 02/24/09 | AQ | Trip Blank Water | TRIP BLANK |



Sample Results

Report of Analysis

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-1 | Date Sampled: | 02/23/09 |
| Lab Sample ID: | F63545-1 | Date Received: | 02/24/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | J045385.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 0.86 | 1.0 | 0.20 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 0.50 | 1.0 | 0.45 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 0.41 | 1.0 | 0.32 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-1 | | |
| Lab Sample ID: F63545-1 | | Date Sampled: 02/23/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/24/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 100% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 107% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 109% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-19C | Date Sampled: | 02/23/09 |
| Lab Sample ID: | F63545-2 | Date Received: | 02/24/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061432.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| Run #2 | C061429.D | 50 | 03/04/09 | AJ | n/a | n/a | VC2482 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|-------------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | 0.66 | 1.0 | 0.40 | ug/l | J |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | 0.82 | 1.0 | 0.24 | ug/l | J |
| 75-35-4 | 1,1-Dichloroethylene | 4.0 | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 3000 ^a | 50 | 10 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 37.5 | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | 2.6 | 5.0 | 2.0 | ug/l | J |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 40.3 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-19C | | |
| Lab Sample ID: F63545-2 | | Date Sampled: 02/23/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/24/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 13.3 | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 97% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% | 93% | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | 102% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 102% | 84-120% |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-19C | | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-2 | | Date Received: 02/24/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY036950.D | 1 | 02/26/09 | CW | n/a | n/a | GXY1509 |
| Run #2 | XY036962.D | 5 | 02/27/09 | CW | n/a | n/a | GXY1510 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|-------------------|-----|------|-------|---|
| 74-82-8 | Methane | 3960 ^a | 2.5 | 0.80 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 9.51 | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-19C | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-2 | Date Received: 02/24/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 16.7 | 2.0 | 1.0 | mg/l | 1 | 02/25/09 16:37 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 99.7 | 1.0 | 0.50 | mg/l | 1 | 02/26/09 22:14 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-19C | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-2A | Date Received: 02/24/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 5700 | 300 | 23 | ug/l | 1 | 02/25/09 | 02/25/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7064

(2) Prep QC Batch: MP15940

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-4 | | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-3 | | Date Received: 02/24/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | C061433.D | 5 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| Run #2 | | | | | | | |

| | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|-----|-------|---|
| 67-64-1 | Acetone | 109 | 130 | 50 | ug/l | J |
| 71-43-2 | Benzene | ND | 5.0 | 2.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 1.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 5.0 | 1.7 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 1.1 | ug/l | |
| 75-00-3 | Chloroethane | ND | 10 | 2.4 | ug/l | |
| 67-66-3 | Chloroform | ND | 5.0 | 1.4 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 10 | 2.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 1.1 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 1.2 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 5.0 | 2.7 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 1.1 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 1.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 12.3 | 5.0 | 1.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 5.0 | 2.3 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 5.0 | 2.2 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 50 | 25 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 25 | 10 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 10 | 3.9 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 10 | 3.1 | ug/l | |
| 75-09-2 | Methylene chloride ^b | 7.2 | 25 | 5.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | 358 | 25 | 10 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 1.8 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.1 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 1.3 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 5.0 | 1.1 | ug/l | |
| 108-88-3 | Toluene | ND | 5.0 | 1.8 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 5.0 | 1.6 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-4 | | |
| Lab Sample ID: F63545-3 | | Date Sampled: 02/23/09 |
| Matrix: AQ - Ground Water | | Date Received: 02/24/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 5.0 | 1.5 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 15 | 5.8 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 104% | | 84-120% |

- (a) Sample vial(s) contained significant headspace; reported results are considered minimum values. Sample was treated with anti-foaming agent. Dilution required due to matrix interference.
- (b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-4 | | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-3 | | Date Received: 02/24/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: RSKSOP-147/175 | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | XY036951.D | 1 | 02/26/09 | CW | n/a | n/a | GXY1509 |
| Run #2 ^a | XY036963.D | 5 | 02/27/09 | CW | n/a | n/a | GXY1510 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|-------------------|-----|------|-------|---|
| 74-82-8 | Methane | 3410 ^b | 2.5 | 0.80 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 0.078 | 1.0 | 0.43 | ug/l | J |

(a) Sample was not preserved to a pH < 2.

(b) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-4 | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-3 | Date Received: 02/24/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 106 | 20 | 10 | mg/l | 10 | 02/26/09 14:48 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 5620 | 1.0 | 0.50 | mg/l | 1 | 02/27/09 01:51 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-4 | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-3A | Date Received: 02/24/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 121000 | 300 | 23 | ug/l | 1 | 02/25/09 | 02/25/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7064

(2) Prep QC Batch: MP15940

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | |
| Lab Sample ID: F63545-4 | Date Sampled: 02/23/09 |
| Matrix: AQ - Ground Water | Date Received: 02/24/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|-----|----------|----|-----------|------------|------------------|
| Run #2 | C061430.D | 200 | 03/04/09 | AJ | n/a | n/a | VC2482 |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|------|------|-------|---|
| 67-64-1 | Acetone | ND | 5000 | 2000 | ug/l | |
| 71-43-2 | Benzene | ND | 200 | 80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 200 | 40 | ug/l | |
| 75-25-2 | Bromoform | ND | 200 | 66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 200 | 44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 400 | 96 | ug/l | |
| 67-66-3 | Chloroform | ND | 200 | 56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 400 | 80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 200 | 44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 200 | 48 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 200 | 110 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 200 | 68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 200 | 42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 200 | 40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 9180 | 200 | 40 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 200 | 42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 200 | 90 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 200 | 42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 200 | 86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 2000 | 1000 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 1000 | 400 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 400 | 160 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 400 | 120 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 329 | 1000 | 200 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 1000 | 400 | ug/l | |
| 100-42-5 | Styrene | ND | 200 | 72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 200 | 66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 200 | 42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 200 | 52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 200 | 44 | ug/l | |
| 108-88-3 | Toluene | ND | 200 | 70 | ug/l | |
| 79-01-6 | Trichloroethylene | 10000 | 200 | 64 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | |
| Lab Sample ID: F63545-4 | Date Sampled: 02/23/09 |
| Matrix: AQ - Ground Water | Date Received: 02/24/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 200 | 60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 600 | 230 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 94% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 93% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 103% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 102% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | |
| Lab Sample ID: F63545-4 | Date Sampled: 02/23/09 |
| Matrix: AQ - Ground Water | Date Received: 02/24/09 |
| Method: RSKSOP-147/175 | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY036952.D | 1 | 02/26/09 | CW | n/a | n/a | GXY1509 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 5.91 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-4 | Date Received: 02/24/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 190 | 10 | 5.0 | mg/l | 5 | 02/26/09 15:05 | MV | EPA 300/SW846 9056 |
| Total Organic Carbon | 119 | 1.0 | 0.50 | mg/l | 1 | 02/27/09 02:23 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-1C | Date Sampled: 02/23/09 |
| Lab Sample ID: F63545-4A | Date Received: 02/24/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 02/25/09 | 02/25/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7064

(2) Prep QC Batch: MP15940

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 02/23/09 |
| Lab Sample ID: | F63545-5 | Date Received: | 02/24/09 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061411.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 1.1 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 02/23/09 |
| Lab Sample ID: | F63545-5 | Date Received: | 02/24/09 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 97% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F63545 CLIENT: GCA PROJECT: Veck farm
DATE/TIME RECEIVED: 2/24/09 9:30 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.8
METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
AIRBILL NUMBERS: 8671 4699 3010

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 0
NUMBER OF 5035 FIELD KITS ? 5
NUMBER OF LAB FILTERED METALS ? 5

SUMMARY OF COMMENTS: _____

TECHNICIAN SIGNATURE/DATE [Signature] 2/24/09 TECHNICIAN SIGNATURE/DATE [Signature] 2-24-09 ASBD 12/17/07

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- CORRECT NUMBER OF CONTAINERS USED
- SAMPLE RECEIVED IMPROPERLY PRESERVED
- INSUFFICIENT VOLUME FOR ANALYSIS
- TIMES ON COC DOES NOT MATCH LABEL(S)
- ID'S ON COC DOES NOT MATCH LABEL(S)
- VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- UNCLEAR FILTERING INSTRUCTIONS
- UNCLEAR COMPOSITING INSTRUCTIONS
- SAMPLE CONTAINER(S) RECEIVED BROKEN
- % SOLIDS JAR NOT RECEIVED
- 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- RESIDUAL CHLORINE PRESENT
(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

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3



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F63545**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2482-MB | C061409.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F63545-2, F63545-3, F63545-4, F63545-5

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2482-MB | C061409.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-2, F63545-3, F63545-4, F63545-5

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 96% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% 76-127% |
| 2037-26-5 | Toluene-D8 | 102% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 103% 84-120% |

Method Blank Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2773-MB | J045379.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-1

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F63545

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2773-MB | J045379.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-1

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 99% | 76-127% |
| 2037-26-5 | Toluene-D8 | 105% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 111% | 84-120% |

Blank Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2482-BS | C061408.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-2, F63545-3, F63545-4, F63545-5

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 139 | 111 | 59-134 |
| 71-43-2 | Benzene | 25 | 28.2 | 113 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 24.8 | 99 | 76-116 |
| 75-25-2 | Bromoform | 25 | 24.0 | 96 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 26.7 | 107 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 26.8 | 107 | 54-166 |
| 67-66-3 | Chloroform | 25 | 27.3 | 109 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 30.7 | 123 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 28.9 | 116 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 28.4 | 114 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 32.9 | 132 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.6 | 98 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 25.8 | 103 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 24.3 | 97 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 25.9 | 104 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 27.0 | 108 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 29.2 | 117 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 27.5 | 110 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 27.1 | 108 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 143 | 114 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 119 | 95 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 25.8 | 103 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 26.5 | 106 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 27.7 | 111 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 139 | 111 | 61-127 |
| 100-42-5 | Styrene | 25 | 26.8 | 107 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 28.8 | 115 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 25.6 | 102 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 24.4 | 98 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 26.8 | 107 | 80-131 |
| 108-88-3 | Toluene | 25 | 26.7 | 107 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 26.1 | 104 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 25.9 | 104 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 82.5 | 110 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2482-BS | C061408.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-2, F63545-3, F63545-4, F63545-5

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | 76-127% |
| 2037-26-5 | Toluene-D8 | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2773-BS | J045378.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-1

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 131 | 105 | 59-134 |
| 71-43-2 | Benzene | 25 | 28.9 | 116 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 26.3 | 105 | 76-116 |
| 75-25-2 | Bromoform | 25 | 22.7 | 91 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 28.3 | 113 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 25.9 | 104 | 54-166 |
| 67-66-3 | Chloroform | 25 | 28.1 | 112 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 27.7 | 111 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 30.6 | 122 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 29.2 | 117 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 30.0 | 120 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 27.1 | 108 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 27.8 | 111 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 26.3 | 105 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 28.3 | 113 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 28.2 | 113 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 29.2 | 117 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 29.5 | 118 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 29.1 | 116 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 150 | 120 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 138 | 110 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 25.3 | 101 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 28.1 | 112 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 24.8 | 99 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 123 | 98 | 61-127 |
| 100-42-5 | Styrene | 25 | 26.8 | 107 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 30.1 | 120 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 27.7 | 111 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 27.4 | 110 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 28.3 | 113 | 80-131 |
| 108-88-3 | Toluene | 25 | 27.4 | 110 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 28.1 | 112 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 25.6 | 102 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 79.0 | 105 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VJ2773-BS | J045378.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-1

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 102% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63545

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63673-1MS | C061419.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| F63673-1MSD | C061420.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| F63673-1 | C061416.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-2, F63545-3, F63545-4, F63545-5

| CAS No. | Compound | F63673-1 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 25 U | 125 | | 57.7 | 46* | 60.9 | 49* | 5 | 59-134/14 |
| 71-43-2 | Benzene | 1.0 U | 25 | | 26.9 | 108 | 26.9 | 108 | 0 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | 25 | | 23.7 | 95 | 24.1 | 96 | 2 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | 25 | | 24.2 | 97 | 24.6 | 98 | 2 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | 25 | | 25.9 | 104 | 26.4 | 106 | 2 | 87-115/9 |
| 75-00-3 | Chloroethane | 2.0 U | 25 | | 24.2 | 97 | 25.4 | 102 | 5 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | 25 | | 25.7 | 103 | 26.0 | 104 | 1 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | 25 | | 29.0 | 116 | 28.9 | 116 | 0 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | 25 | | 27.5 | 110 | 26.7 | 107 | 3 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | 25 | | 26.5 | 106 | 26.8 | 107 | 1 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | 25 | | 30.5 | 122 | 30.8 | 123 | 1 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 U | 25 | | 23.5 | 94 | 24.1 | 96 | 3 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | 25 | | 25.1 | 100 | 25.3 | 101 | 1 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | 25 | | 23.0 | 92 | 23.7 | 95 | 3 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | 25 | | 23.9 | 96 | 25.1 | 100 | 5 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | 25 | | 25.1 | 100 | 25.3 | 101 | 1 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | 25 | | 27.4 | 110 | 27.2 | 109 | 1 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | 25 | | 27.1 | 108 | 27.1 | 108 | 0 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 1.0 U | 25 | | 26.2 | 105 | 26.4 | 106 | 1 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | 125 | | 99.9 | 80 | 102 | 82 | 2 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | 125 | | 120 | 96 | 122 | 98 | 2 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | 25 | | 22.4 | 90 | 23.7 | 95 | 6 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | 25 | | 23.6 | 94 | 24.5 | 98 | 4 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | 25 | | 26.6 | 106 | 26.8 | 107 | 1 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | 125 | | 87.8 | 70 | 90.9 | 73 | 3 | 61-127/13 |
| 100-42-5 | Styrene | 1.0 U | 25 | | 26.1 | 104 | 26.4 | 106 | 1 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | 25 | | 27.2 | 109 | 26.7 | 107 | 2 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | 25 | | 25.2 | 101 | 25.9 | 104 | 3 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | 25 | | 23.8 | 95 | 23.9 | 96 | 0 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 1.0 U | 25 | | 25.6 | 102 | 25.5 | 102 | 0 | 80-131/12 |
| 108-88-3 | Toluene | 1.0 U | 25 | | 25.4 | 102 | 25.4 | 102 | 0 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 1.0 U | 25 | | 25.5 | 102 | 25.4 | 102 | 0 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 1.0 U | 25 | | 22.2 | 89 | 23.4 | 94 | 5 | 57-153/22 |
| 1330-20-7 | Xylene (total) | 3.0 U | 75 | | 79.9 | 107 | 80.0 | 107 | 0 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63673-1MS | C061419.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| F63673-1MSD | C061420.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |
| F63673-1 | C061416.D | 1 | 03/04/09 | AJ | n/a | n/a | VC2482 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-2, F63545-3, F63545-4, F63545-5

| CAS No. | Surrogate Recoveries | MS | MSD | F63673-1 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 100% | 97% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | 97% | 93% | 76-127% |
| 2037-26-5 | Toluene-D8 | 94% | 96% | 103% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 94% | 95% | 101% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63545

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63698-2MS | J045392.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |
| F63698-2MSD | J045393.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |
| F63698-2 | J045391.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-1

| CAS No. | Compound | F63698-2 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 25 U | | 125 | 72.1 | 58* | 69.3 | 55* | 4 | 59-134/14 |
| 71-43-2 | Benzene | 1.0 U | | 25 | 27.2 | 109 | 27.1 | 108 | 0 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | | 25 | 24.9 | 100 | 24.1 | 96 | 3 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | | 25 | 21.1 | 84 | 20.5 | 82 | 3 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | | 25 | 26.7 | 107 | 26.1 | 104 | 2 | 87-115/9 |
| 75-00-3 | Chloroethane | 2.0 U | | 25 | 24.5 | 98 | 24.0 | 96 | 2 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | | 25 | 26.0 | 104 | 25.8 | 103 | 1 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | | 25 | 27.0 | 108 | 26.2 | 105 | 3 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | | 25 | 28.9 | 116 | 27.7 | 111 | 4 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | | 25 | 27.9 | 112 | 27.4 | 110 | 2 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | | 25 | 28.9 | 116 | 28.4 | 114 | 2 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 U | | 25 | 24.8 | 99 | 25.1 | 100 | 1 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | | 25 | 26.4 | 106 | 26.5 | 106 | 0 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | | 25 | 24.1 | 96 | 24.3 | 97 | 1 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | | 25 | 25.6 | 102 | 25.8 | 103 | 1 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | | 25 | 24.6 | 98 | 25.1 | 100 | 2 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | | 25 | 27.5 | 110 | 27.1 | 108 | 1 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | | 25 | 27.4 | 110 | 27.3 | 109 | 0 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 1.0 U | | 25 | 27.4 | 110 | 26.9 | 108 | 2 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | | 125 | 118 | 94 | 114 | 91 | 3 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | | 125 | 135 | 108 | 130 | 104 | 4 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | | 25 | 21.6 | 86 | 22.2 | 89 | 3 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | | 25 | 25.0 | 100 | 25.6 | 102 | 2 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | | 25 | 24.2 | 97 | 23.5 | 94 | 3 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | | 125 | 90.8 | 73 | 89.0 | 71 | 2 | 61-127/13 |
| 100-42-5 | Styrene | 1.0 U | | 25 | 24.8 | 99 | 24.4 | 98 | 2 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | | 25 | 27.5 | 110 | 27.2 | 109 | 1 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | | 25 | 26.8 | 107 | 25.7 | 103 | 4 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | | 25 | 25.9 | 104 | 25.5 | 102 | 2 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 1.0 U | | 25 | 26.5 | 106 | 26.2 | 105 | 1 | 80-131/12 |
| 108-88-3 | Toluene | 1.0 U | | 25 | 25.9 | 104 | 25.5 | 102 | 2 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 1.0 U | | 25 | 26.3 | 105 | 25.5 | 102 | 3 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 1.0 U | | 25 | 22.2 | 89 | 23.3 | 93 | 5 | 57-153/22 |
| 1330-20-7 | Xylene (total) | 3.0 U | | 75 | 73.3 | 98 | 72.4 | 97 | 1 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63698-2MS | J045392.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |
| F63698-2MSD | J045393.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |
| F63698-2 | J045391.D | 1 | 03/05/09 | KW | n/a | n/a | VJ2773 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63545-1

| CAS No. | Surrogate Recoveries | MS | MSD | F63698-2 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 102% | 99% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 101% | 102% | 98% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 101% | 107% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 99% | 102% | 84-120% |

4.3
4



GC Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1509-MB | XY036932.D 1 | | 02/26/09 | CW | n/a | n/a | GXY1509 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3, F63545-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

5.1
5

Method Blank Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1510-MB | XY036960.D 1 | | 02/27/09 | CW | n/a | n/a | GXY1510 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |

5.1
5

Blank Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1509-BS | XY036933.D 1 | | 02/26/09 | CW | n/a | n/a | GXY1509 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3, F63545-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 120 | 111 | 54-149 |
| 74-84-0 | Ethane | 219 | 235 | 107 | 57-143 |
| 74-85-1 | Ethene | 290 | 296 | 102 | 57-143 |

5.2
5

Blank Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| GXY1510-BS | XY036961.D 1 | | 02/27/09 | CW | n/a | n/a | GXY1510 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 114 | 106 | 54-149 |

5.2
5

Matrix Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| F63545-4MS | XY036955.D 1 | | 02/26/09 | CW | n/a | n/a | GXY1509 |
| F63545-4 | XY036952.D 1 | | 02/26/09 | CW | n/a | n/a | GXY1509 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3, F63545-4

| CAS No. | Compound | F63545-4 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 5.91 | 108 | 140 | 124 | 54-149 |
| 74-84-0 | Ethane | ND | 219 | 266 | 121 | 57-143 |
| 74-85-1 | Ethene | ND | 290 | 334 | 115 | 57-143 |

5.3
5

Matrix Spike Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|--------------|----|----------|----|-----------|------------|------------------|
| T25800-8MS | XY036976.D 1 | | 02/27/09 | CW | n/a | n/a | GXY1510 |
| T25800-8 | XY036968.D 1 | | 02/27/09 | CW | n/a | n/a | GXY1510 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3

| CAS No. | Compound | T25800-8 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 700 | 108 | 764 | 59 | 54-149 |

5.3
5

Duplicate Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|--------------|----|----------|----|-----------|------------|------------------|
| T25781-19DUP | XY036948.D 5 | | 02/26/09 | CW | n/a | n/a | GXY1509 |
| T25781-19 | XY036939.D 1 | | 02/26/09 | CW | n/a | n/a | GXY1509 |
| T25781-19 | XY036947.D 5 | | 02/26/09 | CW | n/a | n/a | GXY1509 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3, F63545-4

| CAS No. | Compound | T25781-19 | | Q | RPD | Limits |
|---------|----------|-------------------|------------|---|-----|--------|
| | | ug/l | DUP Q ug/l | | | |
| 74-82-8 | Methane | 5550 ^a | 5360 | | 3 | 24 |
| 74-84-0 | Ethane | 37.8 | 35.4 | | 7 | 23 |
| 74-85-1 | Ethene | ND | ND | | nc | 10 |

(a) Result is from Run #2.

5.4
5

Duplicate Summary

Job Number: F63545
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| T25800-8DUP | XY036975.D 1 | | 02/27/09 | CW | n/a | n/a | GXY1510 |
| T25800-8 | XY036968.D 1 | | 02/27/09 | CW | n/a | n/a | GXY1510 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63545-2, F63545-3

| CAS No. | Compound | T25800-8 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|------------------|---------------|-------|--------|
| 74-82-8 | Methane | 700 | 699 | 0 | 24 |

5.4
5



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F63545
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15940
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 02/25/09 02/25/09

| Metal | RL | IDL | MB raw | final | MB raw | final |
|------------|-------|-----|-----------|-------|-----------|-------|
| Aluminum | 200 | 11 | anr | | | |
| Antimony | 6.0 | 4.5 | anr | | | |
| Arsenic | 10 | 3.6 | anr | | | |
| Barium | 200 | 5 | anr | | | |
| Beryllium | 4.0 | 1 | anr | | | |
| Cadmium | 5.0 | 1 | anr | | | |
| Calcium | 1000 | 100 | anr | | | |
| Chromium | 10 | 1.6 | anr | | | |
| Cobalt | 50 | .83 | anr | | | |
| Copper | 25 | 2.1 | anr | | | |
| Iron | 300 | 23 | -1.9 | <300 | 3.1 | <300 |
| Lead | 10 | 2 | anr | | | |
| Magnesium | 5000 | 100 | anr | | | |
| Manganese | 15 | .5 | anr | | | |
| Molybdenum | 50 | 2.8 | | | | |
| Nickel | 40 | 2.3 | anr | | | |
| Potassium | 10000 | 100 | anr | | | |
| Selenium | 20 | 3.1 | anr | | | |
| Silver | 10 | 1.2 | anr | | | |
| Sodium | 10000 | 500 | anr | | | |
| Thallium | 10 | 3.4 | anr | | | |
| Tin | 50 | 2.8 | | | | |
| Vanadium | 50 | .66 | anr | | | |
| Zinc | 20 | 3.8 | anr | | | |

Associated samples MP15940: F63545-2A, F63545-3A, F63545-4A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.1.1
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63545
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15940
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/25/09 02/25/09

| Metal | F63531-7 Original | DUP | RPD | QC Limits | F63531-7 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits | |
|------------|----------------------|------|-----|--------------|-------------------------|----------------------|-------|--------------|--------|
| Aluminum | anr | | | | | | | | |
| Antimony | anr | | | | | | | | |
| Arsenic | anr | | | | | | | | |
| Barium | anr | | | | | | | | |
| Beryllium | anr | | | | | | | | |
| Cadmium | anr | | | | | | | | |
| Calcium | anr | | | | | | | | |
| Chromium | anr | | | | | | | | |
| Cobalt | anr | | | | | | | | |
| Copper | anr | | | | | | | | |
| Iron | 8510 | 8410 | 1.2 | 0-20 | 8510 | 33400 | 26000 | 95.7 | 80-120 |
| Lead | anr | | | | | | | | |
| Magnesium | anr | | | | | | | | |
| Manganese | anr | | | | | | | | |
| Molybdenum | | | | | | | | | |
| Nickel | anr | | | | | | | | |
| Potassium | anr | | | | | | | | |
| Selenium | anr | | | | | | | | |
| Silver | anr | | | | | | | | |
| Sodium | anr | | | | | | | | |
| Thallium | anr | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | anr | | | | | | | | |
| Zinc | anr | | | | | | | | |

Associated samples MP15940: F63545-2A, F63545-3A, F63545-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63545
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15940
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/25/09

| Metal | F63531-7 Original | MSD | Spike/lot MPFLICP1 | % Rec | MSD RPD | QC Limit |
|------------|----------------------|-------|-----------------------|-------|------------|-------------|
| Aluminum | anr | | | | | |
| Antimony | anr | | | | | |
| Arsenic | anr | | | | | |
| Barium | anr | | | | | |
| Beryllium | anr | | | | | |
| Cadmium | anr | | | | | |
| Calcium | anr | | | | | |
| Chromium | anr | | | | | |
| Cobalt | anr | | | | | |
| Copper | anr | | | | | |
| Iron | 8510 | 34800 | 26000 | 101.1 | 4.1 | 20 |
| Lead | anr | | | | | |
| Magnesium | anr | | | | | |
| Manganese | anr | | | | | |
| Molybdenum | | | | | | |
| Nickel | anr | | | | | |
| Potassium | anr | | | | | |
| Selenium | anr | | | | | |
| Silver | anr | | | | | |
| Sodium | anr | | | | | |
| Thallium | anr | | | | | |
| Tin | | | | | | |
| Vanadium | anr | | | | | |
| Zinc | anr | | | | | |

Associated samples MP15940: F63545-2A, F63545-3A, F63545-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F63545
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15940
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/25/09

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | anr | | | |
| Antimony | anr | | | |
| Arsenic | anr | | | |
| Barium | anr | | | |
| Beryllium | anr | | | |
| Cadmium | anr | | | |
| Calcium | anr | | | |
| Chromium | anr | | | |
| Cobalt | anr | | | |
| Copper | anr | | | |
| Iron | 26200 | 26000 | 100.8 | 80-120 |
| Lead | anr | | | |
| Magnesium | anr | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | anr | | | |
| Potassium | anr | | | |
| Selenium | anr | | | |
| Silver | anr | | | |
| Sodium | anr | | | |
| Thallium | anr | | | |
| Tin | | | | |
| Vanadium | anr | | | |
| Zinc | anr | | | |

Associated samples MP15940: F63545-2A, F63545-3A, F63545-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.3
6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F63545
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP15940
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 02/25/09

| Metal | F63531-7 Original | SDL 1:5 | %DIF | QC Limits |
|------------|----------------------|---------|----------|--------------|
| Aluminum | anr | | | |
| Antimony | anr | | | |
| Arsenic | anr | | | |
| Barium | anr | | | |
| Beryllium | anr | | | |
| Cadmium | anr | | | |
| Calcium | anr | | | |
| Chromium | anr | | | |
| Cobalt | anr | | | |
| Copper | anr | | | |
| Iron | 8510 | 9430 | 10.8*(a) | 0-10 |
| Lead | anr | | | |
| Magnesium | anr | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | anr | | | |
| Potassium | anr | | | |
| Selenium | anr | | | |
| Silver | anr | | | |
| Sodium | anr | | | |
| Thallium | anr | | | |
| Tin | | | | |
| Vanadium | anr | | | |
| Zinc | anr | | | |

Associated samples MP15940: F63545-2A, F63545-3A, F63545-4A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested
 (a) Serial dilution indicates possible matrix interference.

6.1.4
 6



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63545
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|------|--------------|-------|-----------------|---------------|---------------|--------------|
| Chloride | GP12576/GN33927 | 2.0 | 0.0 | mg/l | 50 | 48.4 | 96.8 | 90-110% |
| Nitrogen, Nitrate | GP12576/GN33927 | 0.10 | 0.0 | mg/l | 2.5 | 2.49 | 99.6 | 90-110% |
| Sulfate | GP12576/GN33927 | 2.0 | 0.0 | mg/l | 50 | 46.4 | 92.8 | 90-110% |
| Total Organic Carbon | GP12581/GN33946 | 1.0 | 0.0 | mg/l | 15 | 15.9 | 106.0 | 90-110% |

Associated Samples:

Batch GP12576: F63545-2, F63545-3, F63545-4

Batch GP12581: F63545-2, F63545-3, F63545-4

(*) Outside of QC limits

7.1
7

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63545
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|-----|-----------|
| Chloride | GP12576/GN33927 | F63479-3 | mg/l | 31.0 | 30.9 | 0.3 | 0-20% |
| Nitrogen, Nitrate | GP12576/GN33927 | F63479-3 | mg/l | 0.050 U | 0.0 | 0.0 | 0-20% |
| Sulfate | GP12576/GN33927 | F63479-3 | mg/l | 71.1 | 71.0 | 0.1 | 0-20% |
| Total Organic Carbon | GP12581/GN33946 | F63545-2 | mg/l | 99.7 | 99.6 | 0.1 | 0-20% |

Associated Samples:

Batch GP12576: F63545-2, F63545-3, F63545-4
Batch GP12581: F63545-2, F63545-3, F63545-4

(*) Outside of QC limits

7.2
7

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63545
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|----------|-----------|
| Chloride | GP12576/GN33927 | F63479-3 | mg/l | 31.0 | 50 | 79.6 | 97.2 | 90-110% |
| Nitrogen, Nitrate | GP12576/GN33927 | F63479-3 | mg/l | 0.050 U | 2.5 | 2.6 | 104.0 | 90-110% |
| Sulfate | GP12576/GN33927 | F63479-3 | mg/l | 71.1 | 50 | 116 | 89.8N(a) | 90-110% |
| Total Organic Carbon | GP12581/GN33946 | F63545-2 | mg/l | 99.7 | 15 | 63.8 | 0.0(b) | 90-110% |

Associated Samples:

Batch GP12576: F63545-2, F63545-3, F63545-4

Batch GP12581: F63545-2, F63545-3, F63545-4

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

7.3
7



IT'S ALL IN THE CHEMISTRY

03/18/09

Technical Report for

Chrysler LLC

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

RFA# GZA08046 REL#

Accutest Job Number: F63700

Sampling Dates: 03/02/09 - 03/03/09

Report to:

GZA Environmental, Inc
20900 Swenson Drive Suite 150
Waukesha, WI 53186
bernard.fenelon@gza.com

ATTN: Bernard Fenelon

Total number of pages in report: **95**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi
Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK
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Sample Summary

Chrysler LLC

Job No: F63700

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08046 REL#

| Sample Number | Collected | | Matrix Received | Code | Type | Client Sample ID |
|---------------|-----------|-----------|-----------------|------|----------------------|-----------------------|
| | Date | Time By | | | | |
| F63700-1 | 03/02/09 | 10:50 GZA | 03/04/09 | AQ | Ground Water | INJ-5 |
| F63700-1A | 03/02/09 | 10:50 GZA | 03/04/09 | AQ | Groundwater Filtered | INJ-5 |
| F63700-2 | 03/02/09 | 12:35 GZA | 03/04/09 | AQ | Ground Water | MW-30D |
| F63700-2A | 03/02/09 | 12:35 GZA | 03/04/09 | AQ | Groundwater Filtered | MW-30D |
| F63700-3 | 03/02/09 | 00:00 GZA | 03/04/09 | AQ | Ground Water | DUPLICATE #2 - MW-30D |
| F63700-3A | 03/02/09 | 00:00 GZA | 03/04/09 | AQ | Groundwater Filtered | DUPLICATE #2 - MW-30D |
| F63700-4 | 03/02/09 | 14:00 GZA | 03/04/09 | AQ | Ground Water | INJ-1 |
| F63700-4A | 03/02/09 | 14:00 GZA | 03/04/09 | AQ | Groundwater Filtered | INJ-1 |
| F63700-5 | 03/02/09 | 15:35 GZA | 03/04/09 | AQ | Ground Water | MW-10D |
| F63700-5A | 03/02/09 | 15:35 GZA | 03/04/09 | AQ | Groundwater Filtered | MW-10D |
| F63700-6 | 03/02/09 | 00:00 GZA | 03/04/09 | AQ | Ground Water | DUPLICATE #3 - MW-10D |
| F63700-6A | 03/02/09 | 00:00 GZA | 03/04/09 | AQ | Groundwater Filtered | DUPLICATE #3 - MW-10D |
| F63700-7 | 03/03/09 | 09:45 GZA | 03/04/09 | AQ | Ground Water | INJ-9 |



Sample Summary

(continued)

Chrysler LLC

Job No: F63700

GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

Project No: RFA# GZA08046 REL#

| Sample Number | Collected | | Received | Matrix | | Client Sample ID |
|---------------|-----------|-----------|----------|--------|----------------------|-------------------------|
| | Date | Time By | | Code | Type | |
| F63700-7A | 03/03/09 | 09:45 GZA | 03/04/09 | AQ | Groundwater Filtered | INJ-9 |
| F63700-8 | 03/03/09 | 11:30 GZA | 03/04/09 | AQ | Ground Water | INJ-8 |
| F63700-8A | 03/03/09 | 11:30 GZA | 03/04/09 | AQ | Groundwater Filtered | INJ-8 |
| F63700-9 | 03/03/09 | 12:40 GZA | 03/04/09 | AQ | Ground Water | MW-11D |
| F63700-9A | 03/03/09 | 12:40 GZA | 03/04/09 | AQ | Groundwater Filtered | MW-11D |
| F63700-10 | 03/03/09 | 14:00 GZA | 03/04/09 | AQ | Ground Water | MW-28D |
| F63700-10A | 03/03/09 | 14:00 GZA | 03/04/09 | AQ | Groundwater Filtered | MW-28D |
| F63700-11 | 03/03/09 | 13:30 GZA | 03/04/09 | AQ | Field Blank Water | CHECK VALVE FIELD BLANK |
| F63700-12 | 03/02/09 | 00:00 GZA | 03/04/09 | AQ | Trip Blank Water | TRIP BLANK |



Sample Results

Report of Analysis

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-5 | Date Sampled: | 03/02/09 |
| Lab Sample ID: | F63700-1 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | C061594.D | 10 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 ^a | B058894.D | 50 | 03/13/09 | SH | n/a | n/a | VB2467 |

| | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|-------------------|-----|-----|-------|----|
| 67-64-1 | Acetone | 169 | 250 | 100 | ug/l | J |
| 71-43-2 | Benzene | ND | 10 | 4.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 10 | 2.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 10 | 3.3 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 10 | 2.2 | ug/l | |
| 75-00-3 | Chloroethane | ND | 20 | 4.8 | ug/l | |
| 67-66-3 | Chloroform | ND | 10 | 2.8 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 20 | 4.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 10 | 2.2 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 10 | 2.4 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 10 | 5.4 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 10 | 3.4 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 10 | 2.1 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 10 | 2.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 2900 ^b | 50 | 10 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 10 | 2.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 8.8 | 10 | 4.5 | ug/l | J |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 10 | 2.1 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 10 | 4.3 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 100 | 50 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 50 | 20 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 20 | 7.8 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 20 | 6.1 | ug/l | |
| 75-09-2 | Methylene chloride ^c | 27.6 | 50 | 10 | ug/l | JB |
| 78-93-3 | Methyl ethyl ketone | 167 | 50 | 20 | ug/l | |
| 100-42-5 | Styrene | ND | 10 | 3.6 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 10 | 3.3 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 10 | 2.1 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 10 | 2.6 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 10 | 2.2 | ug/l | |
| 108-88-3 | Toluene | ND | 10 | 3.5 | ug/l | |
| 79-01-6 | Trichloroethylene | 7.8 | 10 | 3.2 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-5 | | |
| Lab Sample ID: F63700-1 | | Date Sampled: 03/02/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|----|-----|-------|---|
| 75-01-4 | Vinyl chloride | 37.3 | 10 | 3.0 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 30 | 12 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | 93% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 76% | 76-127% |
| 2037-26-5 | Toluene-D8 | 97% | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 119% | 84-120% |

- (a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
- (b) Result is from Run# 2
- (c) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-5 | Date Sampled: | 03/02/09 |
| Lab Sample ID: | F63700-1 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | RSKSOP-147/175 | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | XY037132.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 3.68 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 1.1 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 0.56 | 1.0 | 0.43 | ug/l | J |

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-5 | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-1 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|-----|----------------|-----|---------------------|
| Sulfate ^a | 513 | 200 | 100 | mg/l | 100 | 03/05/09 20:13 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 8470 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 12:59 | AJC | SM19 5310B/SW 9060A |

(a) Dilution required due to matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-5 | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-1A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 131000 | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-30D | Date Sampled: | 03/02/09 |
| Lab Sample ID: | F63700-2 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061590.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | 11.2 | 25 | 10 | ug/l | J |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 3.4 | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | 18.5 | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 0.96 | 1.0 | 0.32 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-30D | | |
| Lab Sample ID: F63700-2 | | Date Sampled: 03/02/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 104% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-30D | Date Sampled: | 03/02/09 |
| Lab Sample ID: | F63700-2 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | RSKSOP-147/175 | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037133.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | XY037144.D | 20 | 03/11/09 | CW | n/a | n/a | GXY1520 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------------------|-----|------|-------|---|
| 74-82-8 | Methane | 20100 ^a | 10 | 3.2 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 8.60 | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-30D | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-2 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 1.0 U | 2.0 | 1.0 | mg/l | 1 | 03/05/09 20:30 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 96.2 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 11:21 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-30D | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-2A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 1450 | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #2 - MW-30D | | |
| Lab Sample ID: | F63700-3 | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Ground Water | Date Received: | 03/04/09 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061613.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |
| Run #2 | C061595.D | 5 | 03/12/09 | AJ | n/a | n/a | VC2488 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|------------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND ^a | 130 | 50 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 5.4 ^a | 5.0 | 1.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | 16.2 | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 0.81 | 1.0 | 0.32 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: DUPLICATE #2 - MW-30D | | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-3 | | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 96% | 95% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 87% | 90% | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 98% | 84-120% |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #2 - MW-30D | | |
| Lab Sample ID: | F63700-3 | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Ground Water | Date Received: | 03/04/09 |
| Method: | RSKSOP-147/175 | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037134.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | XY037145.D | 20 | 03/11/09 | CW | n/a | n/a | GXY1520 |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------------------|-----|------|-------|---|
| 74-82-8 | Methane | 21800 ^a | 10 | 3.2 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 1.1 | 1.0 | 0.43 | ug/l | |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #2 - MW-30D | | |
| Lab Sample ID: | F63700-3 | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Ground Water | Date Received: | 03/04/09 |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |
| | | Percent Solids: | n/a |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 1.0 U | 2.0 | 1.0 | mg/l | 1 | 03/05/09 20:48 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 114 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 11:39 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #2 - MW-30D | | |
| Lab Sample ID: | F63700-3A | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Groundwater Filtered | Date Received: | 03/04/09 |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |
| | | Percent Solids: | n/a |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 784 | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-1 | Date Sampled: | 03/02/09 |
| Lab Sample ID: | F63700-4 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | C061596.D | 2 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 ^b | B058895.D | 20 | 03/13/09 | SH | n/a | n/a | VB2467 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|-------------------|-----|------|-------|---|
| 67-64-1 | Acetone | 199 | 50 | 20 | ug/l | |
| 71-43-2 | Benzene | ND | 2.0 | 0.80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-25-2 | Bromoform | ND | 2.0 | 0.66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2.0 | 0.44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4.0 | 0.96 | ug/l | |
| 67-66-3 | Chloroform | ND | 2.0 | 0.56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4.0 | 0.80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2.0 | 0.44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 2.0 | 0.48 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 2.0 | 1.1 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 2.0 | 0.68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2.0 | 0.42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2.0 | 0.40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 1150 ^c | 20 | 4.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 2.4 | 2.0 | 0.90 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | 0.86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20 | 10 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10 | 4.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4.0 | 1.6 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 4.0 | 1.2 | ug/l | |
| 75-09-2 | Methylene chloride ^d | 10.3 | 10 | 2.0 | ug/l | B |
| 78-93-3 | Methyl ethyl ketone | 351 | 10 | 4.0 | ug/l | |
| 100-42-5 | Styrene | ND | 2.0 | 0.72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2.0 | 0.66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2.0 | 0.52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2.0 | 0.44 | ug/l | |
| 108-88-3 | Toluene | 1.2 | 2.0 | 0.70 | ug/l | J |
| 79-01-6 | Trichloroethylene | 1.0 | 2.0 | 0.64 | ug/l | J |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-1 | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-4 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: SW846 8260B | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 16.4 | 2.0 | 0.60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6.0 | 2.3 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|-------------------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | 94% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% | 76% | 76-127% |
| 2037-26-5 | Toluene-D8 | 95% | 96% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 125% ^e | 84-120% |

- (a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
- (b) Sample was analyzed beyond the 12 hour analysis window.
- (c) Result is from Run# 2
- (d) Suspected laboratory contaminant.
- (e) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: INJ-1 | | |
| Lab Sample ID: F63700-4 | | Date Sampled: 03/02/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | XY037135.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 912 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.53 | 1.0 | 0.32 | ug/l | J |
| 74-85-1 | Ethene | 0.95 | 1.0 | 0.43 | ug/l | J |

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-1 | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-4 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|-----|----------------|-----|---------------------|
| Sulfate ^a | 355 | 200 | 100 | mg/l | 100 | 03/05/09 21:05 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 6710 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 12:08 | AJC | SM19 5310B/SW 9060A |

(a) Dilution required due to matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-1 | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-4A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|------|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 349000 | 1200 | 92 | ug/l | 4 | 03/06/09 | 03/09/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7087

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-10D | | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-5 | | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | | Percent Solids: n/a |
| Method: SW846 8260B | | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run #1 | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061591.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 | | | | | | | |

| Run #1 | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | 10.4 | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-10D | | |
| Lab Sample ID: F63700-5 | | Date Sampled: 03/02/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 102% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-10D | | |
| Lab Sample ID: F63700-5 | | Date Sampled: 03/02/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037136.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.87 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-10D | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-5 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 33.8 | 2.0 | 1.0 | mg/l | 1 | 03/05/09 21:23 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 74.7 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 14:21 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-10D | Date Sampled: 03/02/09 |
| Lab Sample ID: F63700-5A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #3 - MW-10D | | |
| Lab Sample ID: | F63700-6 | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Ground Water | Date Received: | 03/04/09 |
| Method: | RSKSOP-147/175 | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037137.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 0.43 | 0.50 | 0.16 | ug/l | J |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #3 - MW-10D | | |
| Lab Sample ID: | F63700-6 | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Ground Water | Date Received: | 03/04/09 |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |
| | | Percent Solids: | n/a |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 33.7 | 2.0 | 1.0 | mg/l | 1 | 03/05/09 22:16 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 74.4 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 14:47 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | DUPLICATE #3 - MW-10D | | |
| Lab Sample ID: | F63700-6A | Date Sampled: | 03/02/09 |
| Matrix: | AQ - Groundwater Filtered | Date Received: | 03/04/09 |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |
| | | Percent Solids: | n/a |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-9 | Date Sampled: | 03/03/09 |
| Lab Sample ID: | F63700-7 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | C061597.D | 2 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 ^a | C061615.D | 10 | 03/13/09 | SH | n/a | n/a | VC2489 |

| | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|------------------|-----|------|-------|---|
| 67-64-1 | Acetone | 99.9 | 50 | 20 | ug/l | |
| 71-43-2 | Benzene | ND | 2.0 | 0.80 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 2.0 | 0.40 | ug/l | |
| 75-25-2 | Bromoform | ND | 2.0 | 0.66 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 2.0 | 0.44 | ug/l | |
| 75-00-3 | Chloroethane | ND | 4.0 | 0.96 | ug/l | |
| 67-66-3 | Chloroform | ND | 2.0 | 0.56 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 4.0 | 0.80 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 2.0 | 0.44 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | 1.5 | 2.0 | 0.48 | ug/l | J |
| 75-35-4 | 1,1-Dichloroethylene | 1.1 | 2.0 | 1.1 | ug/l | J |
| 107-06-2 | 1,2-Dichloroethane | ND | 2.0 | 0.68 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 2.0 | 0.42 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 2.0 | 0.40 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 584 ^b | 10 | 2.0 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 6.7 | 2.0 | 0.90 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 2.0 | 0.42 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | 0.86 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 20 | 10 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 10 | 4.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 4.0 | 1.6 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 4.0 | 1.2 | ug/l | |
| 75-09-2 | Methylene chloride ^c | 10.5 | 10 | 2.0 | ug/l | B |
| 78-93-3 | Methyl ethyl ketone | 262 | 10 | 4.0 | ug/l | |
| 100-42-5 | Styrene | ND | 2.0 | 0.72 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 2.0 | 0.66 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 2.0 | 0.42 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 2.0 | 0.52 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 2.0 | 0.44 | ug/l | |
| 108-88-3 | Toluene | 1.4 | 2.0 | 0.70 | ug/l | J |
| 79-01-6 | Trichloroethylene | 146 | 2.0 | 0.64 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | |
| Lab Sample ID: F63700-7 | Date Sampled: 03/03/09 |
| Matrix: AQ - Ground Water | Date Received: 03/04/09 |
| Method: SW846 8260B | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | 6.6 | 2.0 | 0.60 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 6.0 | 2.3 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 96% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 87% | 88% | 76-127% |
| 2037-26-5 | Toluene-D8 | 99% | 98% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 96% | 84-120% |

- (a) Sample was not preserved to a pH < 2; reported results are considered minimum values.
- (b) Result is from Run# 2
- (c) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-7 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: RSKSOP-147/175 | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 ^a | XY037138.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 249 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 0.67 | 1.0 | 0.32 | ug/l | J |
| 74-85-1 | Ethene | 1.9 | 1.0 | 0.43 | ug/l | |

(a) Sample was not preserved to a pH < 2; reported results are considered minimum values.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-7 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|-----|----------------|-----|---------------------|
| Sulfate ^a | 251 | 200 | 100 | mg/l | 100 | 03/05/09 22:33 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 4890 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 15:05 | AJC | SM19 5310B/SW 9060A |

(a) Dilution required due to matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-9 | |
| Lab Sample ID: F63700-7A | Date Sampled: 03/03/09 |
| Matrix: AQ - Groundwater Filtered | Date Received: 03/04/09 |
| | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 120000 | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16002

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | INJ-8 | Date Sampled: | 03/03/09 |
| Lab Sample ID: | F63700-8 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061616.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |
| Run #2 | C061598.D | 5 | 03/12/09 | AJ | n/a | n/a | VC2488 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|-----------------|-----|------|-------|---|
| 67-64-1 | Acetone | ND ^a | 130 | 50 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-8 | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-8 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Method: SW846 8260B | |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 93% | 96% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | 87% | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 101% | 84-120% |

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-8 | |
| Lab Sample ID: F63700-8 | Date Sampled: 03/03/09 |
| Matrix: AQ - Ground Water | Date Received: 03/04/09 |
| Method: RSKSOP-147/175 | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037141.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 227 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-8 | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-8 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 139 | 4.0 | 2.0 | mg/l | 2 | 03/07/09 07:16 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 85.8 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 17:27 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
 MDL = Method Detection Limit

U = Indicates a result < MDL
 J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: INJ-8 | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-8A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16003

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-11D | Date Sampled: | 03/03/09 |
| Lab Sample ID: | F63700-9 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061617.D | 20 | 03/13/09 | SH | n/a | n/a | VC2489 |
| Run #2 | C061599.D | 50 | 03/12/09 | AJ | n/a | n/a | VC2488 |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|-----------------|------|-----|-------|----|
| 67-64-1 | Acetone | ND ^a | 1300 | 500 | ug/l | |
| 71-43-2 | Benzene | ND | 20 | 8.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 20 | 4.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 20 | 6.6 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 20 | 4.4 | ug/l | |
| 75-00-3 | Chloroethane | ND | 40 | 9.6 | ug/l | |
| 67-66-3 | Chloroform | ND | 20 | 5.6 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 40 | 8.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 20 | 4.4 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 20 | 4.8 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 20 | 11 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 20 | 6.8 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 20 | 4.2 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 20 | 4.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 12.7 | 20 | 4.0 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 20 | 4.2 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | 35.9 | 20 | 9.0 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 20 | 4.2 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 20 | 8.6 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 200 | 100 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 100 | 40 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 40 | 16 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 40 | 12 | ug/l | |
| 75-09-2 | Methylene chloride ^b | 93.6 | 100 | 20 | ug/l | JB |
| 78-93-3 | Methyl ethyl ketone | ND | 100 | 40 | ug/l | |
| 100-42-5 | Styrene | ND | 20 | 7.2 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 20 | 6.6 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 20 | 4.2 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 20 | 5.2 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 20 | 4.4 | ug/l | |
| 108-88-3 | Toluene | 44.1 | 20 | 7.0 | ug/l | |
| 79-01-6 | Trichloroethylene | 1270 | 20 | 6.4 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-11D | | |
| Lab Sample ID: F63700-9 | | Date Sampled: 03/03/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 20 | 6.0 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 60 | 23 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 93% | 94% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 88% | 88% | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 98% | 98% | 84-120% |

- (a) Result is from Run# 2
- (b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-11D | | |
| Lab Sample ID: F63700-9 | | Date Sampled: 03/03/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: RSKSOP-147/175 | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037142.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 3.98 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | 2.94 | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | 39.0 | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-11D | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-9 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 28.1 | 2.0 | 1.0 | mg/l | 1 | 03/05/09 23:08 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 8.1 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 16:08 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-11D | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-9A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16003

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-28D | Date Sampled: | 03/03/09 |
| Lab Sample ID: | F63700-10 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061600.D | 5 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|-----|-------|----|
| 67-64-1 | Acetone | ND | 130 | 50 | ug/l | |
| 71-43-2 | Benzene | ND | 5.0 | 2.0 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 5.0 | 1.0 | ug/l | |
| 75-25-2 | Bromoform | ND | 5.0 | 1.7 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 5.0 | 1.1 | ug/l | |
| 75-00-3 | Chloroethane | ND | 10 | 2.4 | ug/l | |
| 67-66-3 | Chloroform | ND | 5.0 | 1.4 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 10 | 2.0 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 5.0 | 1.1 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 5.0 | 1.2 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 5.0 | 2.7 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 5.0 | 1.1 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 5.0 | 1.0 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.5 | 5.0 | 1.0 | ug/l | J |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 5.0 | 2.3 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 5.0 | 1.1 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 5.0 | 2.2 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 50 | 25 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 25 | 10 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 10 | 3.9 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 10 | 3.1 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 11.8 | 25 | 5.0 | ug/l | JB |
| 78-93-3 | Methyl ethyl ketone | ND | 25 | 10 | ug/l | |
| 100-42-5 | Styrene | ND | 5.0 | 1.8 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 5.0 | 1.7 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 5.0 | 1.1 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 5.0 | 1.3 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 5.0 | 1.1 | ug/l | |
| 108-88-3 | Toluene | ND | 5.0 | 1.8 | ug/l | |
| 79-01-6 | Trichloroethylene | 284 | 5.0 | 1.6 | ug/l | |

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--|--|--------------------------------|
| Client Sample ID: MW-28D | | |
| Lab Sample ID: F63700-10 | | Date Sampled: 03/03/09 |
| Matrix: AQ - Ground Water | | Date Received: 03/04/09 |
| Method: SW846 8260B | | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|-----|-------|---|
| 75-01-4 | Vinyl chloride | ND | 5.0 | 1.5 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 15 | 5.8 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 95% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-------------------|--|----------|
| Client Sample ID: | MW-28D | Date Sampled: | 03/03/09 |
| Lab Sample ID: | F63700-10 | Date Received: | 03/04/09 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | RSKSOP-147/175 | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|------------|----|----------|----|-----------|------------|------------------|
| Run #1 | XY037143.D | 1 | 03/11/09 | CW | n/a | n/a | GXY1520 |
| Run #2 | | | | | | | |

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | 394 | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-28D | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-10 | Date Received: 03/04/09 |
| Matrix: AQ - Ground Water | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

General Chemistry

| Analyte | Result | RL | MDL | Units | DF | Analyzed | By | Method |
|----------------------|--------|-----|------|-------|----|----------------|-----|---------------------|
| Sulfate | 15.7 | 2.0 | 1.0 | mg/l | 1 | 03/05/09 23:26 | CC | EPA 300/SW846 9056 |
| Total Organic Carbon | 53.1 | 1.0 | 0.50 | mg/l | 1 | 03/11/09 16:23 | AJC | SM19 5310B/SW 9060A |

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | |
|--|--------------------------------|
| Client Sample ID: MW-28D | Date Sampled: 03/03/09 |
| Lab Sample ID: F63700-10A | Date Received: 03/04/09 |
| Matrix: AQ - Groundwater Filtered | Percent Solids: n/a |
| Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

Metals Analysis

| Analyte | Result | RL | MDL | Units | DF | Prep | Analyzed By | Method | Prep Method |
|---------|--------|-----|-----|-------|----|----------|-------------|--------------------------|--------------------------|
| Iron | 23 U | 300 | 23 | ug/l | 1 | 03/06/09 | 03/06/09 RS | SW846 6010B ¹ | SW846 3010A ² |

(1) Instrument QC Batch: MA7082

(2) Prep QC Batch: MP16003

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | CHECK VALVE FIELD BLANK | | |
| Lab Sample ID: | F63700-11 | Date Sampled: | 03/03/09 |
| Matrix: | AQ - Field Blank Water | Date Received: | 03/04/09 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061592.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | ND | 5.0 | 1.0 | ug/l | |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|--|------------------------|----------|
| Client Sample ID: | CHECK VALVE FIELD BLANK | | |
| Lab Sample ID: | F63700-11 | Date Sampled: | 03/03/09 |
| Matrix: | AQ - Field Blank Water | Date Received: | 03/04/09 |
| Method: | SW846 8260B | Percent Solids: | n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | | 84-120% |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | | |
|--------------------------|-----------------------|--|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 03/02/09 |
| Lab Sample ID: | F63700-12 | Date Received: | 03/04/09 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|-----------|----|----------|----|-----------|------------|------------------|
| Run #1 | C061593.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| Run #2 | | | | | | | |

| Run # | Purge Volume |
|--------|--------------|
| Run #1 | 5.0 ml |
| Run #2 | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|---------------------------------|--------|-----|------|-------|----|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride ^a | 1.5 | 5.0 | 1.0 | ug/l | JB |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

| | | |
|--------------------------|--|--------------------------------|
| Client Sample ID: | TRIP BLANK | |
| Lab Sample ID: | F63700-12 | Date Sampled: 03/02/09 |
| Matrix: | AQ - Trip Blank Water | Date Received: 03/04/09 |
| Method: | SW846 8260B | Percent Solids: n/a |
| Project: | GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI | |

VOA TCL List

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|------------|-----------------------|--------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | | 76-127% |
| 2037-26-5 | Toluene-D8 | 96% | | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 84-120% |

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F63700 CLIENT: EZA PROJECT: K6CK FARM WINTER 2009 POST
 DATE/TIME RECEIVED: 3-4-09 09:00 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 2.0 2.4
 METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER
 AIRBILL NUMBERS: 8671 4699 3020

COOLER INFORMATION

- CUSTODY SEAL NOT PRESENT OR NOT INTACT
- CHAIN OF CUSTODY NOT RECEIVED (COC)
- ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- TEMPERATURE CRITERIA NOT MET
- WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- TRIP BLANK PROVIDED
- TRIP BLANK NOT PROVIDED
- TRIP BLANK NOT ON COC
- TRIP BLANK INTACT
- TRIP BLANK NOT INTACT
- RECEIVED WATER TRIP BLANK
- RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? _____
 NUMBER OF 5035 FIELD KITS ? _____
 NUMBER OF LAB FILTERED METALS ? 10

SUMMARY OF COMMENTS: _____

SAMPLE INFORMATION

- SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
 - CORRECT NUMBER OF CONTAINERS USED
 - SAMPLE RECEIVED IMPROPERLY PRESERVED
 - INSUFFICIENT VOLUME FOR ANALYSIS
 - TIMES ON COC DOES NOT MATCH LABEL(S)
 - ID'S ON COC DOES NOT MATCH LABEL(S)
 - VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
 - BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
 - NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
 - UNCLEAR FILTERING INSTRUCTIONS
 - UNCLEAR COMPOSITING INSTRUCTIONS
 - SAMPLE CONTAINER(S) RECEIVED BROKEN
 - % SOLIDS JAR NOT RECEIVED
 - 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
 - RESIDUAL CHLORINE PRESENT
- (APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

TECHNICIAN SIGNATURE/DATE JC 3-4-09

TECHNICIAN SIGNATURE/DATE [Signature] 3/4/09

ASBD 12/17/07

31
3



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F63700**Account:** CHRYSLER Chrysler LLC**Project:** GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2488-MB | C061579.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |

The QC reported here applies to the following samples:**Method:** SW846 8260B

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-7, F63700-8, F63700-9, F63700-10, F63700-11, F63700-12

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 67-64-1 | Acetone | ND | 25 | 10 | ug/l | |
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | 1.4 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

Method Blank Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2488-MB | C061579.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-7, F63700-8, F63700-9, F63700-10, F63700-11, F63700-12

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|--------------|
| 1868-53-7 | Dibromofluoromethane | 99% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 90% 76-127% |
| 2037-26-5 | Toluene-D8 | 96% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 100% 84-120% |

Method Blank Summary

Job Number: F63700

Account: CHRYSLER Chrysler LLC

Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VB2467-MB | B058871.D | 1 | 03/13/09 | SH | n/a | n/a | VB2467 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-1, F63700-4

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|----------|--------------------------|--------|-----|------|-------|---|
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits | |
|------------|-----------------------|--------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | 76-127% |
| 2037-26-5 | Toluene-D8 | 100% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | 84-120% |

Method Blank Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2489-MB | C061611.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-3, F63700-7, F63700-8, F63700-9

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|------------|----------------------------|--------|-----|------|-------|---|
| 71-43-2 | Benzene | ND | 1.0 | 0.40 | ug/l | |
| 75-27-4 | Bromodichloromethane | ND | 1.0 | 0.20 | ug/l | |
| 75-25-2 | Bromoform | ND | 1.0 | 0.33 | ug/l | |
| 108-90-7 | Chlorobenzene | ND | 1.0 | 0.22 | ug/l | |
| 75-00-3 | Chloroethane | ND | 2.0 | 0.48 | ug/l | |
| 67-66-3 | Chloroform | ND | 1.0 | 0.28 | ug/l | |
| 75-15-0 | Carbon disulfide | ND | 2.0 | 0.40 | ug/l | |
| 56-23-5 | Carbon tetrachloride | ND | 1.0 | 0.22 | ug/l | |
| 75-34-3 | 1,1-Dichloroethane | ND | 1.0 | 0.24 | ug/l | |
| 75-35-4 | 1,1-Dichloroethylene | ND | 1.0 | 0.54 | ug/l | |
| 107-06-2 | 1,2-Dichloroethane | ND | 1.0 | 0.34 | ug/l | |
| 78-87-5 | 1,2-Dichloropropane | ND | 1.0 | 0.21 | ug/l | |
| 124-48-1 | Dibromochloromethane | ND | 1.0 | 0.20 | ug/l | |
| 156-59-2 | cis-1,2-Dichloroethylene | ND | 1.0 | 0.20 | ug/l | |
| 10061-01-5 | cis-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 156-60-5 | trans-1,2-Dichloroethylene | ND | 1.0 | 0.45 | ug/l | |
| 10061-02-6 | trans-1,3-Dichloropropene | ND | 1.0 | 0.21 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 1.0 | 0.43 | ug/l | |
| 591-78-6 | 2-Hexanone | ND | 10 | 5.0 | ug/l | |
| 108-10-1 | 4-Methyl-2-pentanone | ND | 5.0 | 2.0 | ug/l | |
| 74-83-9 | Methyl bromide | ND | 2.0 | 0.78 | ug/l | |
| 74-87-3 | Methyl chloride | ND | 2.0 | 0.61 | ug/l | |
| 75-09-2 | Methylene chloride | 2.1 | 5.0 | 1.0 | ug/l | J |
| 78-93-3 | Methyl ethyl ketone | ND | 5.0 | 2.0 | ug/l | |
| 100-42-5 | Styrene | ND | 1.0 | 0.36 | ug/l | |
| 71-55-6 | 1,1,1-Trichloroethane | ND | 1.0 | 0.33 | ug/l | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ND | 1.0 | 0.21 | ug/l | |
| 79-00-5 | 1,1,2-Trichloroethane | ND | 1.0 | 0.26 | ug/l | |
| 127-18-4 | Tetrachloroethylene | ND | 1.0 | 0.22 | ug/l | |
| 108-88-3 | Toluene | ND | 1.0 | 0.35 | ug/l | |
| 79-01-6 | Trichloroethylene | ND | 1.0 | 0.32 | ug/l | |
| 75-01-4 | Vinyl chloride | ND | 1.0 | 0.30 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.2 | ug/l | |

4.1
4

Method Blank Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2489-MB | C061611.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-3, F63700-7, F63700-8, F63700-9

| CAS No. | Surrogate Recoveries | Limits |
|------------|-----------------------|-------------|
| 1868-53-7 | Dibromofluoromethane | 99% 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 89% 76-127% |
| 2037-26-5 | Toluene-D8 | 97% 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 99% 84-120% |

Blank Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2488-BS | C061578.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-7, F63700-8, F63700-9, F63700-10, F63700-11, F63700-12

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 67-64-1 | Acetone | 125 | 129 | 103 | 59-134 |
| 71-43-2 | Benzene | 25 | 26.5 | 106 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 23.9 | 96 | 76-116 |
| 75-25-2 | Bromoform | 25 | 23.8 | 95 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 26.3 | 105 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 25.5 | 102 | 54-166 |
| 67-66-3 | Chloroform | 25 | 25.2 | 101 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 27.3 | 109 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 28.5 | 114 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 26.3 | 105 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 29.5 | 118 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 22.8 | 91 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 25.1 | 100 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 23.9 | 96 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 25.5 | 102 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 25.9 | 104 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 26.0 | 104 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 25.9 | 104 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 26.9 | 108 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 115 | 92 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 104 | 83 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 24.6 | 98 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 31.1 | 124 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 28.4 | 114 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 117 | 94 | 61-127 |
| 100-42-5 | Styrene | 25 | 27.1 | 108 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 26.6 | 106 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 23.2 | 93 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 23.4 | 94 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 27.1 | 108 | 80-131 |
| 108-88-3 | Toluene | 25 | 26.9 | 108 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 26.1 | 104 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 25.6 | 102 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 80.1 | 107 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2488-BS | C061578.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-7, F63700-8, F63700-9, F63700-10, F63700-11, F63700-12

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 101% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | 76-127% |
| 2037-26-5 | Toluene-D8 | 97% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 95% | 84-120% |

4.2
4

Blank Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------------------|-----------|----|----------|----|-----------|------------|------------------|
| VB2467-BS ^a | B058870.D | 1 | 03/13/09 | SH | n/a | n/a | VB2467 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-1, F63700-4

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|----------|--------------------------|---------------|-------------|----------|--------|
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 27.0 | 108 | 81-114 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|-----|---------|
| 1868-53-7 | Dibromofluoromethane | 98% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 76-127% |
| 2037-26-5 | Toluene-D8 | 98% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 84-120% |

(a) No MS/MSD.

4.2
4

Blank Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2489-BS | C061627.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-3, F63700-7, F63700-8, F63700-9

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|------------|----------------------------|------------|----------|-------|--------|
| 71-43-2 | Benzene | 25 | 26.1 | 104 | 83-124 |
| 75-27-4 | Bromodichloromethane | 25 | 23.8 | 95 | 76-116 |
| 75-25-2 | Bromoform | 25 | 23.3 | 93 | 68-128 |
| 108-90-7 | Chlorobenzene | 25 | 24.8 | 99 | 87-115 |
| 75-00-3 | Chloroethane | 25 | 19.5 | 78 | 54-166 |
| 67-66-3 | Chloroform | 25 | 25.1 | 100 | 85-123 |
| 75-15-0 | Carbon disulfide | 25 | 17.6 | 70 | 67-147 |
| 56-23-5 | Carbon tetrachloride | 25 | 28.4 | 114 | 74-139 |
| 75-34-3 | 1,1-Dichloroethane | 25 | 25.9 | 104 | 82-127 |
| 75-35-4 | 1,1-Dichloroethylene | 25 | 20.8 | 83 | 75-133 |
| 107-06-2 | 1,2-Dichloroethane | 25 | 24.3 | 97 | 76-122 |
| 78-87-5 | 1,2-Dichloropropane | 25 | 23.6 | 94 | 81-120 |
| 124-48-1 | Dibromochloromethane | 25 | 24.3 | 97 | 74-116 |
| 156-59-2 | cis-1,2-Dichloroethylene | 25 | 24.1 | 96 | 81-114 |
| 10061-01-5 | cis-1,3-Dichloropropene | 25 | 25.7 | 103 | 83-119 |
| 156-60-5 | trans-1,2-Dichloroethylene | 25 | 24.7 | 99 | 82-126 |
| 10061-02-6 | trans-1,3-Dichloropropene | 25 | 27.0 | 108 | 87-123 |
| 100-41-4 | Ethylbenzene | 25 | 25.9 | 104 | 87-118 |
| 591-78-6 | 2-Hexanone | 125 | 85.7 | 69 | 58-125 |
| 108-10-1 | 4-Methyl-2-pentanone | 125 | 97.7 | 78 | 62-125 |
| 74-83-9 | Methyl bromide | 25 | 20.6 | 82 | 55-151 |
| 74-87-3 | Methyl chloride | 25 | 24.0 | 96 | 55-173 |
| 75-09-2 | Methylene chloride | 25 | 23.7 | 95 | 69-125 |
| 78-93-3 | Methyl ethyl ketone | 125 | 80.2 | 64 | 61-127 |
| 100-42-5 | Styrene | 25 | 25.9 | 104 | 78-118 |
| 71-55-6 | 1,1,1-Trichloroethane | 25 | 27.7 | 111 | 79-133 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 25 | 21.3 | 85 | 71-120 |
| 79-00-5 | 1,1,2-Trichloroethane | 25 | 23.6 | 94 | 80-114 |
| 127-18-4 | Tetrachloroethylene | 25 | 25.5 | 102 | 80-131 |
| 108-88-3 | Toluene | 25 | 26.5 | 106 | 86-116 |
| 79-01-6 | Trichloroethylene | 25 | 26.3 | 105 | 85-124 |
| 75-01-4 | Vinyl chloride | 25 | 18.0 | 72 | 57-153 |
| 1330-20-7 | Xylene (total) | 75 | 80.6 | 107 | 86-120 |

4.2
4

Blank Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|-----------|----|----------|----|-----------|------------|------------------|
| VC2489-BS | C061627.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-3, F63700-7, F63700-8, F63700-9

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 1868-53-7 | Dibromofluoromethane | 99% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 103% | 76-127% |
| 2037-26-5 | Toluene-D8 | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 106% | 84-120% |

4.2
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| F63676-14MS | C061585.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| F63676-14MSD | C061586.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| F63676-14 | C061582.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-7, F63700-8, F63700-9, F63700-10, F63700-11, F63700-12

| CAS No. | Compound | F63676-14 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|-------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 67-64-1 | Acetone | 25 U | 125 | 60.6 | 48* | 59.9 | 48* | 1 | 59-134/14 |
| 71-43-2 | Benzene | 1.0 U | 25 | 27.0 | 108 | 26.3 | 105 | 3 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | 25 | 24.7 | 99 | 25.4 | 102 | 3 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | 25 | 25.1 | 100 | 24.6 | 98 | 2 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | 25 | 25.8 | 103 | 25.2 | 101 | 2 | 87-115/9 |
| 75-00-3 | Chloroethane | 2.0 U | 25 | 22.4 | 90 | 19.6 | 78 | 13 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | 25 | 26.3 | 105 | 25.8 | 103 | 2 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | 25 | 20.1 | 80 | 18.9 | 76 | 6 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | 25 | 30.0 | 120 | 28.4 | 114 | 5 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | 25 | 27.4 | 110 | 26.8 | 107 | 2 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | 25 | 23.8 | 95 | 22.0 | 88 | 8 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 U | 25 | 25.8 | 103 | 25.2 | 101 | 2 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | 25 | 25.5 | 102 | 24.4 | 98 | 4 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | 25 | 25.8 | 103 | 25.1 | 100 | 3 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | 25 | 25.6 | 102 | 25.0 | 100 | 2 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | 25 | 26.5 | 106 | 26.2 | 105 | 1 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | 25 | 27.3 | 109 | 26.3 | 105 | 4 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | 25 | 28.1 | 112 | 28.6 | 114 | 2 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 1.0 U | 25 | 27.5 | 110 | 26.6 | 106 | 3 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | 125 | 98.8 | 79 | 95.9 | 77 | 3 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | 125 | 111 | 89 | 110 | 88 | 1 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | 25 | 22.4 | 90 | 19.2 | 77 | 15 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | 25 | 25.1 | 100 | 22.7 | 91 | 10 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | 25 | 25.0 | 100 | 24.7 | 99 | 1 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | 125 | 85.7 | 69 | 85.1 | 68 | 1 | 61-127/13 |
| 100-42-5 | Styrene | 1.0 U | 25 | 27.5 | 110 | 26.7 | 107 | 3 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | 25 | 29.1 | 116 | 28.4 | 114 | 2 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | 25 | 25.8 | 103 | 25.6 | 102 | 1 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | 25 | 25.9 | 104 | 25.4 | 102 | 2 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 1.0 U | 25 | 27.0 | 108 | 26.4 | 106 | 2 | 80-131/12 |
| 108-88-3 | Toluene | 1.0 U | 25 | 28.0 | 112 | 26.9 | 108 | 4 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 1.0 U | 25 | 26.7 | 107 | 26.0 | 104 | 3 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 1.0 U | 25 | 19.8 | 79 | 18.3 | 73 | 8 | 57-153/22 |
| 1330-20-7 | Xylene (total) | 3.0 U | 75 | 85.2 | 114 | 82.8 | 110 | 3 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|-----------|----|----------|----|-----------|------------|------------------|
| F63676-14MS | C061585.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| F63676-14MSD | C061586.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |
| F63676-14 | C061582.D | 1 | 03/12/09 | AJ | n/a | n/a | VC2488 |

The QC reported here applies to the following samples: **Method:** SW846 8260B

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-7, F63700-8, F63700-9, F63700-10, F63700-11, F63700-12

| CAS No. | Surrogate Recoveries | MS | MSD | F63676-14 | Limits |
|------------|-----------------------|------|------|-----------|---------|
| 1868-53-7 | Dibromofluoromethane | 102% | 103% | 102% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | 105% | 95% | 76-127% |
| 2037-26-5 | Toluene-D8 | 102% | 102% | 98% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 105% | 106% | 101% | 84-120% |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63782-1MS | C061625.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |
| F63782-1MSD | C061626.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |
| F63782-1 | C061624.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-3, F63700-7, F63700-8, F63700-9

| CAS No. | Compound | F63782-1 ug/l | Spike Q | ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|------------|----------------------------|------------------|------------|------|------------|---------|-------------|----------|-----|-------------------|
| 71-43-2 | Benzene | 155 | L | 25 | 172 | 68* a | 160 | 20* a | 7 | 83-124/11 |
| 75-27-4 | Bromodichloromethane | 1.0 U | | 25 | 25.6 | 102 | 24.5 | 98 | 4 | 76-116/10 |
| 75-25-2 | Bromoform | 1.0 U | | 25 | 24.9 | 100 | 24.5 | 98 | 2 | 68-128/11 |
| 108-90-7 | Chlorobenzene | 1.0 U | | 25 | 22.4 | 90 | 21.6 | 86* | 4 | 87-115/9 |
| 75-00-3 | Chloroethane | 2.0 U | | 25 | 19.8 | 79 | 18.0 | 72 | 10 | 54-166/20 |
| 67-66-3 | Chloroform | 1.0 U | | 25 | 28.0 | 112 | 26.1 | 104 | 7 | 85-123/10 |
| 75-15-0 | Carbon disulfide | 2.0 U | | 25 | 19.5 | 78 | 17.6 | 70 | 10 | 67-147/12 |
| 56-23-5 | Carbon tetrachloride | 1.0 U | | 25 | 29.2 | 117 | 27.6 | 110 | 6 | 74-139/13 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 U | | 25 | 28.3 | 113 | 26.2 | 105 | 8 | 82-127/10 |
| 75-35-4 | 1,1-Dichloroethylene | 1.0 U | | 25 | 22.7 | 91 | 20.8 | 83 | 9 | 75-133/13 |
| 107-06-2 | 1,2-Dichloroethane | 0.47 | I | 25 | 26.1 | 103 | 25.3 | 99 | 3 | 76-122/11 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 U | | 25 | 26.2 | 105 | 24.2 | 97 | 8 | 81-120/11 |
| 124-48-1 | Dibromochloromethane | 1.0 U | | 25 | 25.7 | 103 | 25.5 | 102 | 1 | 74-116/11 |
| 156-59-2 | cis-1,2-Dichloroethylene | 1.0 U | | 25 | 26.6 | 106 | 25.3 | 101 | 5 | 81-114/10 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 U | | 25 | 26.5 | 106 | 25.3 | 101 | 5 | 83-119/10 |
| 156-60-5 | trans-1,2-Dichloroethylene | 1.0 U | | 25 | 27.0 | 108 | 25.0 | 100 | 8 | 82-126/10 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 U | | 25 | 28.9 | 116 | 28.6 | 114 | 1 | 87-123/10 |
| 100-41-4 | Ethylbenzene | 138 | L | 25 | 151 | 52* a | 141 | 12* a | 7 | 87-118/10 |
| 591-78-6 | 2-Hexanone | 10 U | | 125 | 98.2 | 79 | 95.1 | 76 | 3 | 58-125/14 |
| 108-10-1 | 4-Methyl-2-pentanone | 5.0 U | | 125 | 113 | 90 | 108 | 86 | 5 | 62-125/13 |
| 74-83-9 | Methyl bromide | 2.0 U | | 25 | 19.5 | 78 | 18.5 | 74 | 5 | 55-151/21 |
| 74-87-3 | Methyl chloride | 2.0 U | | 25 | 26.0 | 104 | 23.9 | 96 | 8 | 55-173/22 |
| 75-09-2 | Methylene chloride | 5.0 U | | 25 | 24.2 | 97 | 22.7 | 91 | 6 | 69-125/11 |
| 78-93-3 | Methyl ethyl ketone | 5.0 U | | 125 | 102 | 82 | 96.2 | 77 | 6 | 61-127/13 |
| 100-42-5 | Styrene | 1.0 U | | 25 | 29.0 | 116 | 28.0 | 112 | 4 | 78-118/11 |
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 U | | 25 | 29.3 | 117 | 27.4 | 110 | 7 | 79-133/11 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 U | | 25 | 26.5 | 106 | 26.7 | 107 | 1 | 71-120/11 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 U | | 25 | 29.0 | 116* | 28.5 | 114 | 2 | 80-114/11 |
| 127-18-4 | Tetrachloroethylene | 0.67 | I | 25 | 28.3 | 111 | 27.3 | 107 | 4 | 80-131/12 |
| 108-88-3 | Toluene | 4.4 | | 25 | 33.0 | 114 | 31.3 | 108 | 5 | 86-116/10 |
| 79-01-6 | Trichloroethylene | 1.0 U | | 25 | 27.5 | 110 | 25.8 | 103 | 6 | 85-124/10 |
| 75-01-4 | Vinyl chloride | 1.0 U | | 25 | 19.3 | 77 | 17.3 | 69 | 11 | 57-153/22 |
| 1330-20-7 | Xylene (total) | 24.8 | | 75 | 112 | 116 | 107 | 110 | 5 | 86-120/10 |

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| F63782-1MS | C061625.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |
| F63782-1MSD | C061626.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |
| F63782-1 | C061624.D | 1 | 03/13/09 | SH | n/a | n/a | VC2489 |

The QC reported here applies to the following samples:

Method: SW846 8260B

F63700-3, F63700-7, F63700-8, F63700-9

| CAS No. | Surrogate Recoveries | MS | MSD | F63782-1 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 1868-53-7 | Dibromofluoromethane | 100% | 103% | 98% | 87-116% |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | 104% | 96% | 76-127% |
| 2037-26-5 | Toluene-D8 | 105% | 107% | 101% | 86-112% |
| 460-00-4 | 4-Bromofluorobenzene | 104% | 106% | 103% | 84-120% |

(a) Outside control limits due to high level in sample relative to spike amount.

4.3
4



GC Volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-------------|----|----------|----|-----------|------------|------------------|
| GXY1520-MB | XY037130.D1 | | 03/11/09 | CW | n/a | n/a | GXY1520 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9, F63700-10

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|------|------|-------|---|
| 74-82-8 | Methane | ND | 0.50 | 0.16 | ug/l | |
| 74-84-0 | Ethane | ND | 1.0 | 0.32 | ug/l | |
| 74-85-1 | Ethene | ND | 1.0 | 0.43 | ug/l | |

Blank Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-------------|----|----------|----|-----------|------------|------------------|
| GXY1520-BS | XY037131.D1 | | 03/11/09 | CW | n/a | n/a | GXY1520 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9, F63700-10

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 74-82-8 | Methane | 108 | 108 | 100 | 54-149 |
| 74-84-0 | Ethane | 219 | 212 | 97 | 57-143 |
| 74-85-1 | Ethene | 290 | 265 | 91 | 57-143 |

5.2
5

Matrix Spike Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|--------------|----|----------|----|-----------|------------|------------------|
| F63700-10MS | XY037147.D 1 | | 03/11/09 | CW | n/a | n/a | GXY1520 |
| F63700-10 | XY037143.D 1 | | 03/11/09 | CW | n/a | n/a | GXY1520 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9, F63700-10

| CAS No. | Compound | F63700-10 ug/l | Spike Q ug/l | MS ug/l | MS % | Limits |
|---------|----------|-------------------|--------------------|------------|---------|--------|
| 74-82-8 | Methane | 394 | 108 | 478 | 78 | 54-149 |
| 74-84-0 | Ethane | ND | 219 | 224 | 102 | 57-143 |
| 74-85-1 | Ethene | ND | 290 | 281 | 97 | 57-143 |

5.3
5

Duplicate Summary

Job Number: F63700
Account: CHRYSLER Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------|--------------|----|----------|----|-----------|------------|------------------|
| F63700-10DUP | XY037146.D 1 | | 03/11/09 | CW | n/a | n/a | GXY1520 |
| F63700-10 | XY037143.D 1 | | 03/11/09 | CW | n/a | n/a | GXY1520 |

The QC reported here applies to the following samples:

Method: RSKSOP-147/175

F63700-1, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9, F63700-10

| CAS No. | Compound | F63700-10 ug/l | DUP Q ug/l | Q RPD | Limits |
|---------|----------|-------------------|---------------|-------|--------|
| 74-82-8 | Methane | 394 | 390 | 1 | 24 |
| 74-84-0 | Ethane | ND | ND | nc | 23 |
| 74-85-1 | Ethene | ND | ND | nc | 10 |

5.4
5



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F63700
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16002
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/06/09 03/06/09

| Metal | RL | IDL | MB raw | final | MB raw | final |
|------------|-------|-----|-----------|-------|-----------|-------|
| Aluminum | 200 | 11 | anr | | | |
| Antimony | 6.0 | 4.5 | | | | |
| Arsenic | 10 | 3.6 | | | | |
| Barium | 200 | 5 | | | | |
| Beryllium | 4.0 | 1 | | | | |
| Cadmium | 5.0 | 1 | anr | | | |
| Calcium | 1000 | 100 | | | | |
| Chromium | 10 | 1.6 | | | | |
| Cobalt | 50 | .83 | | | | |
| Copper | 25 | 2.1 | | | | |
| Iron | 300 | 23 | 0.61 | <300 | -5.4 | <300 |
| Lead | 10 | 2 | anr | | | |
| Magnesium | 5000 | 100 | | | | |
| Manganese | 15 | .5 | anr | | | |
| Molybdenum | 50 | 2.8 | | | | |
| Nickel | 40 | 2.3 | | | | |
| Potassium | 10000 | 100 | | | | |
| Selenium | 10 | 3.1 | anr | | | |
| Silver | 10 | 1.2 | | | | |
| Sodium | 10000 | 500 | | | | |
| Thallium | 10 | 3.4 | | | | |
| Tin | 50 | 2.8 | | | | |
| Vanadium | 50 | .66 | | | | |
| Zinc | 20 | 3.8 | | | | |

Associated samples MP16002: F63700-1A, F63700-2A, F63700-3A, F63700-4A, F63700-5A, F63700-6A, F63700-7A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.1.1

6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16002
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09 03/06/09

| Metal | F63676-13 Original | DUP | RPD | QC Limits | F63676-13 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|-----------------------|-----|-----|--------------|--------------------------|----------------------|-------|--------------|
| Aluminum | anr | | | | | | | |
| Antimony | | | | | | | | |
| Arsenic | | | | | | | | |
| Barium | | | | | | | | |
| Beryllium | | | | | | | | |
| Cadmium | anr | | | | | | | |
| Calcium | | | | | | | | |
| Chromium | | | | | | | | |
| Cobalt | | | | | | | | |
| Copper | | | | | | | | |
| Iron | 0.0 | 0.0 | NC | 0-20 | 0.0 | 27000 | 26000 | 103.8 80-120 |
| Lead | anr | | | | | | | |
| Magnesium | | | | | | | | |
| Manganese | anr | | | | | | | |
| Molybdenum | | | | | | | | |
| Nickel | | | | | | | | |
| Potassium | | | | | | | | |
| Selenium | anr | | | | | | | |
| Silver | | | | | | | | |
| Sodium | | | | | | | | |
| Thallium | | | | | | | | |
| Tin | | | | | | | | |
| Vanadium | | | | | | | | |
| Zinc | | | | | | | | |

Associated samples MP16002: F63700-1A, F63700-2A, F63700-3A, F63700-4A, F63700-5A, F63700-6A, F63700-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16002
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09

| Metal | F63676-13 Original MSD | SpikeLot MPFLICP1 | % Rec | MSD RPD | QC Limit | |
|------------|---------------------------|----------------------|-------|------------|-------------|----|
| Aluminum | anr | | | | | |
| Antimony | | | | | | |
| Arsenic | | | | | | |
| Barium | | | | | | |
| Beryllium | | | | | | |
| Cadmium | anr | | | | | |
| Calcium | | | | | | |
| Chromium | | | | | | |
| Cobalt | | | | | | |
| Copper | | | | | | |
| Iron | 0.0 | 26700 | 26000 | 102.7 | 1.1 | 20 |
| Lead | anr | | | | | |
| Magnesium | | | | | | |
| Manganese | anr | | | | | |
| Molybdenum | | | | | | |
| Nickel | | | | | | |
| Potassium | | | | | | |
| Selenium | anr | | | | | |
| Silver | | | | | | |
| Sodium | | | | | | |
| Thallium | | | | | | |
| Tin | | | | | | |
| Vanadium | | | | | | |
| Zinc | | | | | | |

Associated samples MP16002: F63700-1A, F63700-2A, F63700-3A, F63700-4A, F63700-5A, F63700-6A, F63700-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.1.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16002
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | anr | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | anr | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 27200 | 26000 | 104.6 | 80-120 |
| Lead | anr | | | |
| Magnesium | | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | anr | | | |
| Silver | | | | |
| Sodium | | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP16002: F63700-1A, F63700-2A, F63700-3A, F63700-4A, F63700-5A, F63700-6A, F63700-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.3
6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16002
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09

| Metal | F63676-13 Original | SDL 1:5 | %DIF | QC Limits |
|------------|-----------------------|---------|------|--------------|
| Aluminum | anr | | | |
| Antimony | | | | |
| Arsenic | | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | anr | | | |
| Calcium | | | | |
| Chromium | | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 0.00 | 0.00 | NC | 0-10 |
| Lead | anr | | | |
| Magnesium | | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | anr | | | |
| Silver | | | | |
| Sodium | | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP16002: F63700-1A, F63700-2A, F63700-3A, F63700-4A, F63700-5A, F63700-6A, F63700-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.1.4
 6

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: F63700
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16003
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 03/06/09 03/06/09

| Metal | RL | IDL | MB raw | final | MB raw | final |
|------------|-------|-----|-----------|-------|-----------|-------|
| Aluminum | 200 | 11 | | | | |
| Antimony | 6.0 | 4.5 | | | | |
| Arsenic | 10 | 3.6 | anr | | | |
| Barium | 200 | 5 | | | | |
| Beryllium | 4.0 | 1 | | | | |
| Cadmium | 5.0 | 1 | | | | |
| Calcium | 1000 | 100 | | | | |
| Chromium | 10 | 1.6 | anr | | | |
| Cobalt | 50 | .83 | | | | |
| Copper | 25 | 2.1 | | | | |
| Iron | 300 | 23 | 0.27 | <300 | -7.3 | <300 |
| Lead | 5.0 | 2 | | | | |
| Magnesium | 5000 | 100 | | | | |
| Manganese | 15 | .5 | anr | | | |
| Molybdenum | 50 | 2.8 | | | | |
| Nickel | 40 | 2.3 | | | | |
| Potassium | 10000 | 100 | | | | |
| Selenium | 10 | 3.1 | | | | |
| Silver | 10 | 1.2 | | | | |
| Sodium | 10000 | 500 | | | | |
| Thallium | 10 | 3.4 | | | | |
| Tin | 50 | 2.8 | | | | |
| Vanadium | 50 | .66 | | | | |
| Zinc | 20 | 3.8 | | | | |

Associated samples MP16003: F63700-8A, F63700-9A, F63700-10A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

6.2.1
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16003 Methods: SW846 6010B
 Matrix Type: AQUEOUS Units: ug/l

Prep Date: 03/06/09 03/06/09

| Metal | F63710-1 Original | DUP | RPD | QC Limits | F63710-1 Original MS | Spikelot MPFLICP1 | % Rec | QC Limits | |
|------------|----------------------|------|-----|--------------|-------------------------|----------------------|-------|--------------|--------|
| Aluminum | | | | | | | | | |
| Antimony | | | | | | | | | |
| Arsenic | anr | | | | | | | | |
| Barium | | | | | | | | | |
| Beryllium | | | | | | | | | |
| Cadmium | | | | | | | | | |
| Calcium | | | | | | | | | |
| Chromium | anr | | | | | | | | |
| Cobalt | | | | | | | | | |
| Copper | | | | | | | | | |
| Iron | 6900 | 6650 | 3.7 | 0-20 | 6900 | 32800 | 26000 | 99.6 | 80-120 |
| Lead | | | | | | | | | |
| Magnesium | | | | | | | | | |
| Manganese | anr | | | | | | | | |
| Molybdenum | | | | | | | | | |
| Nickel | | | | | | | | | |
| Potassium | | | | | | | | | |
| Selenium | | | | | | | | | |
| Silver | | | | | | | | | |
| Sodium | | | | | | | | | |
| Thallium | | | | | | | | | |
| Tin | | | | | | | | | |
| Vanadium | | | | | | | | | |
| Zinc | | | | | | | | | |

Associated samples MP16003: F63700-8A, F63700-9A, F63700-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.2.2
6

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16003
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09

| Metal | F63710-1 Original MSD | SpikeLot MPFLICP1 | % Rec | MSD RPD | QC Limit | |
|------------|--------------------------|----------------------|-------|------------|-------------|----|
| Aluminum | | | | | | |
| Antimony | | | | | | |
| Arsenic | anr | | | | | |
| Barium | | | | | | |
| Beryllium | | | | | | |
| Cadmium | | | | | | |
| Calcium | | | | | | |
| Chromium | anr | | | | | |
| Cobalt | | | | | | |
| Copper | | | | | | |
| Iron | 6900 | 32500 | 26000 | 98.5 | 0.9 | 20 |
| Lead | | | | | | |
| Magnesium | | | | | | |
| Manganese | anr | | | | | |
| Molybdenum | | | | | | |
| Nickel | | | | | | |
| Potassium | | | | | | |
| Selenium | | | | | | |
| Silver | | | | | | |
| Sodium | | | | | | |
| Thallium | | | | | | |
| Tin | | | | | | |
| Vanadium | | | | | | |
| Zinc | | | | | | |

Associated samples MP16003: F63700-8A, F63700-9A, F63700-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

6.2.2
6

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16003
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09

| Metal | BSP Result | Spikelot MPFLICP1 | % Rec | QC Limits |
|------------|------------|-------------------|-------|-----------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | anr | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | anr | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 26100 | 26000 | 100.4 | 80-120 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP16003: F63700-8A, F63700-9A, F63700-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.2.3
 6

SERIAL DILUTION RESULTS SUMMARY

Login Number: F63700
 Account: CHRYSLER - Chrysler LLC
 Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

QC Batch ID: MP16003
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 03/06/09

| Metal | F63710-1 Original | SDL 1:5 | %DIF | QC Limits |
|------------|----------------------|---------|------|--------------|
| Aluminum | | | | |
| Antimony | | | | |
| Arsenic | anr | | | |
| Barium | | | | |
| Beryllium | | | | |
| Cadmium | | | | |
| Calcium | | | | |
| Chromium | anr | | | |
| Cobalt | | | | |
| Copper | | | | |
| Iron | 6900 | 7030 | 1.8 | 0-10 |
| Lead | | | | |
| Magnesium | | | | |
| Manganese | anr | | | |
| Molybdenum | | | | |
| Nickel | | | | |
| Potassium | | | | |
| Selenium | | | | |
| Silver | | | | |
| Sodium | | | | |
| Thallium | | | | |
| Tin | | | | |
| Vanadium | | | | |
| Zinc | | | | |

Associated samples MP16003: F63700-8A, F63700-9A, F63700-10A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

6.2.4
6



General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63700
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------------------|-----------------|------|-----------|-------|--------------|------------|------------|-----------|
| Nitrogen, Nitrate | GP12608/GN34067 | 0.10 | 0.0 | mg/l | 2.5 | 2.43 | 97.2 | 90-110% |
| Nitrogen, Nitrite | GP12608/GN34067 | 0.10 | 0.0 | mg/l | 2.5 | 2.47 | 98.8 | 90-110% |
| Sulfate | GP12608/GN34067 | 2.0 | 0.0 | mg/l | 50 | 46.5 | 93.0 | 90-110% |
| Total Organic Carbon | GP12633/GN34130 | 1.0 | 0.0 | mg/l | 15 | 14.9 | 99.3 | 90-110% |

Associated Samples:

Batch GP12608: F63700-1, F63700-10, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9
Batch GP12633: F63700-1, F63700-10, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9

(*) Outside of QC limits

7.1
7

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63700
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|------------|----------|-----------|
| Nitrogen, Nitrate | GP12608/GN34100 | F63731-1 | mg/l | 109 | 71.5 | 41.6*(a) | 0-20% |
| Nitrogen, Nitrate | GP12608/GN34100 | F63731-1 | mg/l | 70.0 | 71.5 | 41.6*(a) | 0-20% |
| Nitrogen, Nitrite | GP12608/GN34067 | F63731-1 | mg/l | 0.050 U | 0.0 | 0.0 | 0-20% |
| Nitrogen, Nitrite | GP12608/GN34067 | F63731-1 | mg/l | 2.5 U | 0.0 | 0.0 | 0-20% |
| Sulfate | GP12608/GN34067 | F63731-1 | mg/l | 70.6 | 71.6 | 1.4 | 0-20% |
| Sulfate | GP12608/GN34067 | F63731-1 | mg/l | 92.3 B | 71.6 | 1.4 | 0-20% |
| Total Organic Carbon | GP12633/GN34130 | F63700-2 | mg/l | 96.2 | 99.9 | 3.8 | 0-20% |

Associated Samples:

Batch GP12608: F63700-1, F63700-10, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9
Batch GP12633: F63700-1, F63700-10, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9

(*) Outside of QC limits

(a) High RPD due to possible sample nonhomogeneity.

7.2
7

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F63700
Account: CHRYSLER - Chrysler LLC
Project: GZAWIWA: Keck Farm GW Sampling; W 5797 Freitag Ln, Watertown, WI

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------------------|-----------------|-----------|-------|-----------------|--------------|-----------|-----------|-----------|
| Nitrogen, Nitrate | GP12608/GN34100 | F63731-1 | mg/l | 109 | 2.5 | 215 | 5800.0(a) | 90-110% |
| Nitrogen, Nitrate | GP12608/GN34100 | F63731-1 | mg/l | 70.0 | 2.5 | 215 | 5800.0(a) | 90-110% |
| Nitrogen, Nitrite | GP12608/GN34067 | F63731-1 | mg/l | 0.050 U | 2.5 | 1.6 | 64.0N(b) | 90-110% |
| Nitrogen, Nitrite | GP12608/GN34067 | F63731-1 | mg/l | 2.5 U | 2.5 | 1.6 | 64.0N(b) | 90-110% |
| Sulfate | GP12608/GN34067 | F63731-1 | mg/l | 70.6 | 50 | 112 | 82.8N(b) | 90-110% |
| Sulfate | GP12608/GN34067 | F63731-1 | mg/l | 92.3 B | 50 | 112 | 82.8N(b) | 90-110% |
| Total Organic Carbon | GP12633/GN34130 | F63700-2 | mg/l | 96.2 | 15 | 73.9 | 0.0(a) | 90-110% |

Associated Samples:

Batch GP12608: F63700-1, F63700-10, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9
Batch GP12633: F63700-1, F63700-10, F63700-2, F63700-3, F63700-4, F63700-5, F63700-6, F63700-7, F63700-8, F63700-9

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

7.3

7



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-1C PROJECT NO: 150549.40 Task 5 DATE: 11/21/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AIRSWORTH

WEATHER: SUNNY 20'S

WELL DATA:

Well Depth: 110' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 48.81 Time: 1020 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump ^{SUBMERGIBLE PUMP} Tubing Type: Poly Pump Intake Depth: 105'

Static Water Level with Pump in Place: 39.78 Time: 1024

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|---|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|---------|
| 1030 | 7.71 | 9.41 | 2.86 | .20 | 51.0 | -78 | 500 | 48.81 | |
| 1035 | 7.39 | 12.12 | 2.62 | .40 | 159 | -92 | | 48.99 | |
| 1040 | 7.33 | 11.11 | 2.60 | .10 | 45.9 | -101 | ~500 | 48.97 | NOTE #1 |
| 1045 | 7.31 | 11.64 | 2.48 | .09 | 154 | -109 | 600 | 49.21 | |
| 1050 | 7.25 | 11.21 | 2.27 | .07 | 33.3 | -133 | 500 | 49.01 | |
| 1055 | 7.22 | 11.72 | 2.26 | .06 | 18.6 | -132 | | NM | |
| 1100 | 7.19 | 11.48 | 2.27 | .07 | 55.3 | -136 | | 48.94 | |
| 1105 | 7.15 | 12.25 | 2.23 | .06 | 145 | -136 | 700 | 49.01 | |
| 1110 | 7.14 | 12.15 | 2.21 | .06 | 129 | -145 | | NM | |
| 1115 | 7.12 | 12.13 | 2.18 | .06 | 126 | -148 | | NM | |
| NOTE #1 | HAD DIFFICULTY ACHIEVING CONSTANT FLOW RATE | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

815-530-5477



GROUNDWATER MONITORING WELL SAMPLING LOG (LOW-FLOW SAMPLING)

WELL NO: MW-3 PROJECT NO: 20050549.40 T5 DATE: 11/17/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. N. Swartz

WEATHER: Cloudy 30's

WELL DATA:

Well Depth: 40' Screen Length: 5' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 19.35 Time: 1240 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 35'

Static Water Level with Pump in Place: 19.35 Time: 1244

SAMPLING LOG: VOLS

Table with 10 columns: Time (24 hr), pH (s.u.), Temp (°C), Cond. (mS/cm), Dis. Ox. (mg/L), Turb. (NTU), ORP (eV), Pump Rate (ml/min), Water Level (ft from TOC), Notes. Contains handwritten data for times 1249 through 1324.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-10D PROJECT NO: 150549.40 Task 5 DATE: 11/21/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. NSWORTH

WEATHER: SUNNY 20'S

WELL DATA:

Well Depth: 141' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 48.94 Time: 1144 Measuring Point: Top of Riser

SAMPLING DATA: SUBMERSIBLE

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 138'

Static Water Level with Pump in Place: _____ Time: 145

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1155 | 8.10 | 10.46 | .764 | 1.22 | 11.9 | -78 | 400 | 49.49 | |
| 1200 | 7.74 | 11.17 | .774 | .66 | 16.6 | -73 | 500 | 49.49 | |
| 1205 | 7.66 | 11.18 | .770 | .75 | 14.8 | -70 | | 49.49 | |
| 1210 | 7.65 | 11.20 | .775 | 1.41 | 28.9 | -69 | | 49.49 | |
| 1215 | 7.60 | 11.30 | .774 | 1.62 | 23.6 | -68 | | 49.49 | |
| 1220 | NOR | MIXTURED | | | | | | 48 | |
| 1225 | 7.63 | 11.28 | .760 | 2.34 | 19.6 | -63 | | 49.49 | |
| 1230 | 7.57 | 11.34 | .766 | 2.33 | 19.3 | -62 | | 49.49 | |
| 1235 | 7.56 | 11.34 | .750 | 2.28 | 18.5 | -60 | | 49.49 | |
| 1240 | 7.56 | 11.44 | .743 | 2.27 | 18.2 | -59 | | 49.49 | |
| 1245 | 7.54 | 11.30 | .724 | 2.22 | 20.2 | -57 | | 49.49 | SAMPLED VOC + MNA |
| | | | | | | | | | DUPLICATE #1 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-11D PROJECT NO: 150549.40 Task 5 DATE: 11/22/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: CLOUDY 20'S

WELL DATA:

Well Depth: 140' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 46.89 Time: 838 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: SUBMERSIBLE Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 135'

Static Water Level with Pump in Place: 47.25 Time: 847

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|------------------------------|
| 900 | 11.75 | 12.21 | 4.36 | .34 | 29.9 | -128 | 500 | 52.86 | NOTE #1 |
| 905 | 12.39 | 10.88 | 4.35 | .21 | 37.2 | -146 | | 55.85 | |
| 910 | 12.71 | 10.45 | 4.38 | .21 | 38.4 | -156 | 400 | 57.13 | |
| 915 | 12.96 | 11.27 | 4.32 | .18 | 34.9 | -167 | | 58.97 | |
| 920 | 13.09 | 10.65 | 4.35 | .17 | 28.3 | -173 | | 60.03 | |
| 925 | 13.23 | 10.26 | 4.30 | .17 | 28.6 | -176 | | 60.59 | |
| 930 | 13.25 | 10.13 | 4.32 | .17 | 28.2 | -179 | | 60.78 | |
| 935 | 13.32 | 10.00 | 4.27 | .18 | 29.8 | -181 | | 60.91 | |
| 940 | 13.36 | 9.82 | 4.22 | .18 | 31.5 | -183 | | 60.98 | |
| 945 | 13.35 | 10.82 | 4.20 | .18 | 28.7 | -185 | | | SAMPLED VOC + MNA |
| | | | | | | | | | |
| | | | | | | | | | Hydrolab water quality meter |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NOTES:
#1 CHECKED PH CALIBRATION PRIOR TO SAMPLING WELL. RESULT WAS IN RANGE AT 7.14



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-23D PROJECT NO: 150549.40 Task 5 DATE: 11/18/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 125' Screen Length: 5' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 10.15 Time: 1110 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 122'

Static Water Level with Pump in Place: 10.35 Time: 1115

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|------------------|-----------------|------------------|-------------------|-----------------|---------------|----------------|--------------------|---------------------------|-----------------------------|
| 1135 | 9.48 | 7.80 | .308 | 8.92 | 284 | -44 | 300 | NM | |
| 1145 | 9.48 | 9.16 | .362 | 5.62 | 183 | -83 | 500 | 11.00 | |
| 1150 | 9.62 | 9.07 | .386 | 5.88 | 113 | -108 | 500 | 11.02 | |
| 1155 | 9.65 | 9.41 | .396 | 5.05 | 87.1 | -119 | | 11.02 | |
| 1200 | 9.72 | 9.42 | .399 | 5.35 | 83.1 | -128 | | 11.03 | |
| 1205 | 9.76 | 9.33 | .404 | 5.33 | 72.4 | -138 | | 11.03 | |
| 1210 | 9.76 | 9.20 | .407 | 5.41 | 68.5 | -142 | | 11.03 | |
| 1215 | 9.78 | 9.28 | .409 | 5.12 | 62.6 | -146 | | 11.03 | SAMPLED VOC |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 12:34 | 7.64 | 10.13 | 589.10 | 0.30 | NM | 159 | 500 | 10.62 | |
| 12:38 | 7.63 | 10.15 | 590.20 | 0.27 | NM | 155 | 500 | 10.62 | Sampled for VOCs |
| | | | | | | | | | |
| | | | | | | | | | |



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-25C PROJECT NO: 150549.40 Task 5

DATE: 11/20/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Andrew Smith

WEATHER: Cloudy 30's

WELL DATA:

Well Depth: 129' Screen Length: 5' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 30.05 Time: 832 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 125'

Static Water Level with Pump in Place: 30.04 Time: 835

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 845 | 12.42 | 7.21 | 4.93 | 7.84 | 64.4 | -160 | 400 | 31.85 | |
| 850 | 12.78 | 7.31 | 4.97 | 6.34 | 64.8 | -170 | | 34.02 | |
| 855 | 12.89 | 7.46 | 4.97 | 6.01 | 66.1 | -170 | | 35.95 | |
| 900 | 12.98 | 7.37 | 4.91 | 5.68 | 67.3 | -167 | 300 | 38.36 | |
| 905 | 13.05 | 7.37 | 4.92 | 6.10 | 49.1 | -172 | | 40.41 | |
| 910 | 13.07 | 7.42 | 4.97 | 7.30 | 43.0 | -170 | 200 | 40.27 | |
| 915 | 13.09 | 7.48 | 4.97 | 6.42 | 46.6 | -175 | | NM | |
| 920 | 13.13 | 7.49 | 4.98 | 5.82 | 49.5 | -172 | | 43.68 | SAMPLED VOC |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-28D PROJECT NO: 150549.40 Task 5 DATE: 11/22/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: CLOUDY 20'S

WELL DATA:

Well Depth: 195' Screen Length: 5' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 48.33 Time: 1000 Measuring Point: Top of Riser

SAMPLING DATA: SUBMERSIBLE

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 192'

Static Water Level with Pump in Place: 50.56 Time: 1011

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|----------------------|
| 1020 | 13.21 | 9.72 | .493 | 2.33 | 26.0 | -161 | 500 | 53.10 | |
| 1025 | 12.73 | 10.19 | .495 | .50 | 28.1 | -254 | | 54.70 | |
| 1030 | 12.16 | 11.31 | .494 | .23 | 31.2 | -212 | | 55.45 | |
| 1035 | 11.64 | 11.29 | .496 | .01 | 32.3 | -283 | | 55.75 | |
| 1040 | 11.25 | 11.39 | .493 | 0 | 24.9 | -290 | | NM | |
| 1045 | 11.03 | 11.44 | .497 | 0 | 25.9 | -299 | | 55.88 | |
| 1050 | 10.79 | 11.49 | .492 | 0 | 24.1 | -316 | | 55.90 | |
| 1055 | 10.66 | 11.49 | .506 | 0 | 29.0 | -341 | | 55.91 | |
| 1100 | 10.51 | 11.56 | .525 | 0 | 27.3 | -359 | | 55.99 | |
| 1105 | 10.31 | 11.62 | .564 | 0 | 26.9 | -348 | | 55.99 | |
| 1110 | 9.89 | 11.61 | .619 | 0 | 22.4 | -308 | | 55.99 | |
| 1115 | 9.62 | 11.63 | .649 | 0 | 24.5 | -290 | | 55.99 | |
| 1120 | 9.37 | 11.61 | .677 | 0 | 16.1 | -275 | | | SAMPLED VOC + MNA |
| | | | | | | | | | DUPLICATE #2 |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-30D PROJECT NO: 150549.40 Task 5 DATE: 11/22/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. Kinsworth

WEATHER: Cloudy 20's

WELL DATA:

Well Depth: 210' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 46.08 Time: 1307 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Submersible Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 205'

Static Water Level with Pump in Place: 44.90 Time: 1330

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1335 | 8.75 | 10.28 | .534 | .26 | 24.2 | -290 | 600 | 51.68 | |
| 1340 | 8.51 | 10.46 | .628 | .07 | 22.0 | -211 | 500 | 53.26 | |
| 1345 | 8.44 | 10.45 | .629 | .06 | 22.8 | -207 | | 53.48 | |
| 1350 | 8.32 | 10.58 | .647 | .03 | 16.7 | -191 | | 53.61 | |
| 1355 | 7.83 | 10.67 | 1.051 | .05 | 16.8 | -201 | | 53.70 | |
| 1400 | 7.70 | 10.72 | 1.079 | .03 | 17.2 | -203 | | 53.71 | |
| 1405 | 7.62 | 10.70 | 1.091 | .04 | 19.6 | -208 | | 53.73 | |
| 1410 | 7.54 | 10.76 | 1.107 | .05 | 20.5 | -210 | | 53.74 | |
| 1415 | 7.48 | 10.83 | 1.107 | .04 | 19.4 | -231 | | 53.75 | |
| 1420 | 7.43 | 10.70 | 1.104 | .03 | 19.7 | -236 | | 53.75 | SAMPLED VOC + MNA |
| NOTE: SEWER ODOR IN PURGE/SAMPLE WATER | | | | | | | | | |



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-32D PROJECT NO: 150549.40 Task 5 DATE: 11/20/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: CLOUDY 30'S

WELL DATA:

Well Depth: 105' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: TOC Time: 1057 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 100'

Static Water Level with Pump in Place: TOC Time: 1100

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 1105 | 7.75 | 8.25 | .761 | 3.81 | 22.7 | -181 | 600 | TOC | |
| 1110 | 7.72 | 8.34 | .755 | 5.42 | 21.7 | -183 | | TOC | |
| 1115 | 7.73 | 8.41 | .760 | 5.02 | 18.7 | -181 | | TOC | |
| 1120 | 7.66 | 8.40 | .768 | 3.96 | 16.2 | -174 | | TOC | |
| 1125 | 7.64 | 8.51 | .764 | 4.30 | 18.7 | -168 | | TOC | |
| 1130 | 7.60 | 8.33 | .760 | 3.13 | 14.1 | -163 | | TOC | |
| 1135 | 7.57 | 8.56 | .756 | 4.97 | 15.0 | -161 | | TOC | |
| 1140 | 7.55 | 8.54 | .762 | 4.55 | 19.1 | -160 | | TOC | |
| 1145 | 7.52 | 8.46 | .763 | 3.92 | 20.1 | -158 | | TOC | SAMPLED VOC |
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Notes:

1. ~~Re-calibrated Horiba. Calibrated pH to 3.99 in 4.0 solution, unit was calibrated prior to first reading. First calibration of pH was 4.0 in 4.0 solution.~~
2. Artesian condition existed throughout purging.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-35D PROJECT NO: 150549.40 Task 5 DATE: 11/24/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: cloudy 30's

WELL DATA:

Well Depth: 130' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 39.44 Time: 1059 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 125'

Static Water Level with Pump in Place: 39.18 Time: 1110

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------------|-----------------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1115 | 7.74 | 7.84 | .747 | .82 | 266 | 21 | 400 | 39.44 43.19 | |
| 1120 | 6.53 5.77 | 7.78 7.85 | .746 | .19 | 323 | 18 | 1 | 44.38 | |
| 1125 | 5.41 | 8.08 | .748 | .16 | 378 | 10 | | 45.38 | |
| 1130 | 5.33 | 7.93 | .748 | .17 | 439 | 7 | 300 | 45.52 | |
| 1135 | 5.26 | 8.08 | .750 | .16 | 405 | 3 | | 45.85 | |
| 1140 | 5.23 | 8.42 | .792 | .15 | 395 | -1 | | 45.85 | |
| 1145 | 5.21 | 8.44 | .850 | .14 | 438 | -14 | | 45.83 | |
| 1150 | 5.20 | 8.05 | .860 | .16 | 467 | -17 | | 45.80 | |
| 1155 | 5.23 | 8.23 | .875 | .15 | 423 | -20 | | 45.78 | SAMPLED VOC + MNA |
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Notes:

1. ~~Calibrated Horiba to 3.98 pH in 4.0 solution and 4.48 pH in 4.49 solution.~~

2. A small hole was discovered in poly tubing which let air into Horiba cell. Tubing repaired.

- 1) MAJOR EFFERVESENCE (SP?) IN PUDGE/SAMPLE WATER. DIFFICULTY w/ VOC/MEE SAMPLE HAVING NO AIR BUBBLES
- 2) STRONG DECOMING ORGANIC ODDR IN WATER



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-36D PROJECT NO: 150549.40 Task 5 DATE: 11/19/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 140' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 38.14 Time: 1056 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 135'

Static Water Level with Pump in Place: 38.16 Time: 1059

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1105 | 7.54 | 9.18 | .521 | 4.74 | 106 | -209 | 350 | 38.25 | |
| 1110 | 7.55 | 9.40 | .657 | 3.46 | 80.2 | -202 | | 38.26 | |
| 1115 | 7.53 | 9.46 | .715 | 3.13 | 69.4 | -191 | | 38.28 | |
| 1120 | 7.39 | 9.34 | .772 | 2.81 | 54.3 | -168 | | 38.28 | |
| 1125 | 7.29 | 9.21 | .764 | 3.04 | 43.4 | -152 | | 38.28 | |
| 1130 | 7.26 | 9.34 | .815 | 2.99 | 38.8 | -145 | | 38.28 | |
| 1135 | 7.24 | 9.47 | .819 | 2.76 | 34.8 | -142 | | 38.28 | |
| 1140 | 7.23 | 9.55 | .828 | 2.52 | 34.5 | -137 | | 38.28 | |
| 1145 | 7.18 | 9.58 | .832 | 2.34 | 38.8 | -129 | | 38.28 | |
| 1150 | 7.19 | 9.49 | .831 | 2.47 | 38.8 | -129 | | 38.28 | |
| 1155 | 7.20 | 9.42 | .799 | 2.44 | 38.2 | -139 | | 38.28 | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-37D PROJECT NO: 150549.40 Task 5 DATE: 11/19/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 140' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 36.16 Time: 942 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 135'

Static Water Level with Pump in Place: 36.19 Time: 947

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|------------------|
| 950 | 7.32 | 7.76 | .681 | 4.65 | 22.5 | -175 | 400 | 36.35 | |
| 955 | 7.57 | 8.52 | .710 | 3.99 | 27.5 | -200 | | 36.35 | |
| 1000 | 7.56 | 8.73 | .715 | 3.56 | 32.6 | -198 | | 36.35 | |
| 1005 | 7.60 | 8.85 | .723 | 3.06 | 40.0 | -200 | | 36.36 | |
| 1010 | 7.50 | 8.95 | .722 | 3.49 | 43.5 | -197 | | 36.36 | |
| 1015 | 7.42 | 8.66 | .725 | 3.49 | 76.5 | -192 | | 36.36 | |
| 1020 | 7.40 | 8.97 | .722 | 3.58 | 80.8 | -194 | | 36.37 | |
| 1025 | 7.39 | 8.89 | .730 | 3.52 | 108 | -185 | | 36.37 | |
| 1030 | 7.38 | 9.01 | .729 | 3.50 | 153 | -182 | | 36.37 | |
| 1035 | 7.41 | 8.97 | .735 | 3.58 | 154 | -164 | | 36.37 | SAMPLED VOLT MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-38D PROJECT NO: 150549.40 Task 5

DATE: 11/9/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 140' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 37.09 Time: 815 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 135'

Static Water Level with Pump in Place: 37.09 Time: 825

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 830 | 7.88 | 7.13 | .713 | 8.01 | 73.4 | -229 | 300 | 37.19 | |
| 835 | 7.67 | 7.59 | .733 | 6.24 | 71.9 | -232 | | 37.19 | |
| 840 | 7.62 | 7.88 | .756 | 5.63 | 71.4 | -232 | | 37.19 | |
| 845 | 7.49 | 7.72 | .762 | 4.11 | 82.4 | -227 | | 37.20 | |
| 850 | 7.46 | 7.86 | .750 | 3.73 | 92.5 | -226 | | 37.20 | |
| 855 | 7.45 | 7.55 | .761 | 3.94 | 85.5 | -215 | | 37.21 | |
| 900 | 7.44 | 7.88 | .778 | 3.75 | 80.7 | -215 | | 37.21 | |
| 905 | 7.40 | 8.24 | .775 | 3.78 | 75.5 | -208 | | 37.22 | |
| 910 | 7.39 | 8.11 | .777 | 3.73 | 73.6 | -200 | | 37.22 | |
| 915 | 7.40 | 8.07 | .778 | 3.75 | 79.0 | -196 | | 37.23 | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-39D PROJECT NO: 150549.40 Task 5 DATE: 11/20/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: CLOUDY 30's

WELL DATA:

Well Depth: 130' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 32.84 Time: 936 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 125'

Static Water Level with Pump in Place: 32.82 Time: 940

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 945 | 8.90 | 8.21 | .776 | 5.52 | 15.9 | -164 | 400 | 32.97 | |
| 950 | 8.70 | 7.53 | .779 | 4.85 | 16.4 | -156 | | N.M | |
| 955 | 8.63 | 8.00 | .780 | 4.36 | 15.8 | -154 | | 32.98 | |
| 1000 | 8.50 | 8.07 | .784 | 4.38 | 14.4 | -146 | | 32.98 | |
| 1005 | 8.36 | 8.00 | .789 | 5.17 | 14.8 | -139 | | 32.98 | |
| 1010 | 8.27 | 8.19 | .794 | 4.69 | 17.7 | -135 | | 32.99 | |
| 1015 | 8.15 | 8.35 | .799 | 4.12 | 18.6 | -130 | | 32.99 | |
| 1020 | 8.04 | 8.22 | .801 | 4.69 | 21.6 | -120 | 350 | 33.00 | |
| 1025 | 7.96 | 8.61 | .805 | 4.55 | 46.2 | -111 | | 33.00 | |
| 1030 | 7.88 | 8.82 | .804 | 4.14 | 34.8 | -107 | | 33.00 | |
| 1035 | 7.81 | 8.60 | .804 | 4.95 | 42.6 | -103 | | 33.01 | SAMPLED VOC |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-40D PROJECT NO: 150549.40 Task 5

DATE: 11/24/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INGWORTH

WEATHER: SUNNY 30°

WELL DATA:

Well Depth: 137' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 41.55 Time: 1357 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 132'

Static Water Level with Pump in Place: 41.55 Time: 1402

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1405 | 7.02 | 8.50 | .845 | 2.53 | 26.7 | -64 | 400 | 41.66 | |
| 1410 | 7.08 | 8.92 | .845 | 2.28 | 41.2 | -85 | | 41.63 | |
| 1415 | 7.17 | 9.05 | .846 | 2.50 | 49.6 | -90 | | 41.63 | |
| 1420 | 7.25 | 8.98 | .846 | 2.67 | 51.1 | -92 | | 41.63 | |
| 1425 | 7.29 | 9.22 | .847 | 2.34 | 53.1 | -94 | | 41.63 | |
| 1430 | 7.32 | 9.15 | .845 | 2.65 | 56.6 | -95 | | 41.63 | |
| 1435 | 7.35 | 9.28 | .845 | 2.43 | 57.5 | -96 | | 41.63 | |
| 1440 | 7.38 | 9.22 | .846 | 2.45 | 60.7 | -97 | | 41.63 | |
| 1445 | 7.41 | 8.92 | .851 | 2.42 | 57.7 | -97 | | 41.63 | SAMPLED VOC + MNA |
| | | | | | | | | | DUPPLICATE #3 |
| | | | | | | | | | VOC ONLY |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-41D PROJECT NO: 150549.40 Task 5 DATE: 11/19/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 138' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 38.31 Time: 1255 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 133'

Static Water Level with Pump in Place: 38.31 Time: 1258

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1300 | 6.89 | 10.10 | .770 | 4.83 | 23.2 | -105 | 400 | 38.51 | |
| 1305 | 6.84 | 10.08 | .774 | 3.41 | 23.6 | -115 | | 38.51 | |
| 1310 | 6.85 | 10.16 | .774 | 3.04 | 15.7 | -119 | | 38.52 | |
| 1315 | 6.90 | 10.31 | .777 | 3.09 | 18.5 | -122 | | 38.52 | |
| 1320 | 6.87 | 10.37 | .779 | 2.97 | 21.5 | -122 | | 38.58 | |
| 1325 | 6.87 | 10.13 | .780 | 2.38 | 30.5 | -128 | | 38.58 | |
| 1330 | 6.89 | 10.17 | .782 | 2.48 | 33.4 | -127 | | 38.57 | |
| 1335 | 6.91 | 10.18 | .806 | 1.99 | 35.5 | -131 | | 38.57 | |
| 1340 | 6.92 | 10.18 | .857 | 2.15 | 27.3 | -136 | | 38.57 | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-42D PROJECT NO: 150549.40 Task 5 DATE: 11/19/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 145' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 39.51 Time: 1359 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 39.51 Time: 1402

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------|
| 1405 | 7.17 | 10.08 | 1.002 | 2.89 | 20.7 | -146 | 400 | 39.80 | |
| 1410 | 7.26 | 10.12 | 1.010 | 2.81 | 25.9 | -155 | | 39.70 | |
| 1415 | 7.33 | 10.26 | 1.010 | 2.08 | 29.9 | -150 | | 39.72 | |
| 1420 | 7.29 | 10.29 | 1.005 | 3.13 | 28.5 | -150 | | 39.73 | |
| 1425 | 7.28 | 10.26 | 1.011 | 3.19 | 27.9 | -150 | | 39.73 | |
| 1430 | 7.23 | 10.28 | 1.011 | 2.20 | 36.1 | -154 | | 39.73 | |
| 1435 | 7.26 | 10.22 | 1.017 | 2.19 | 43.1 | -157 | | 39.74 | |
| 1440 | 7.24 | 9.79 | 1.000 | 2.49 | 32.7 | -158 | | 39.74 | |
| 1445 | 7.33 | 10.04 | 1.003 | 2.18 | 39.2 | -161 | | 39.75 | |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-43D PROJECT NO: 150549.40 Task 5 DATE: 11/19/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. Swartz

WEATHER: SUNNY 30's

WELL DATA:

Well Depth: 156' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 27.10 Time: 842 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 151'

Static Water Level with Pump in Place: 27.10 Time: 845

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 850 | 8.61 | 8.46 | .676 | 5.61 | 18.1 | -136 | 400 | NM | |
| 855 | 8.31 | 8.31 | .690 | 4.95 | 19.5 | -161 | | 27.25 | |
| 900 | 8.13 | 7.43 | .670 | 6.42 | 21.6 | -136 | | 27.25 | |
| 905 | 7.97 | 7.50 | .658 | 6.49 | 22.9 | -128 | | 27.24 | |
| 910 | 7.97 | 7.41 | .672 | 5.62 | 18.1 | -148 | | 27.25 | |
| 915 | 7.98 | 7.87 | .690 | 5.25 | 13.4 | -153 | 350 | 27.27 | |
| 920 | 7.95 | 8.03 | .693 | 5.85 | 12.8 | -161 | | 27.27 | |
| 925 | 7.82 | 7.96 | .693 | 5.83 | 16.8 | -161 | | 27.28 | |
| 930 | 7.77 | 7.45 | .691 | 5.76 | 18.1 | -159 | | 27.28 | SAMPLED VOC |
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Notes:

1. Started pumping high in water column to get peristaltic primed.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-44D PROJECT NO: 150549.40 Task 5 DATE: 11/24/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSUOZ-TI

WEATHER: CLOUDY 30'S

WELL DATA:

Well Depth: 145 Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 42.20 Time: 1221 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 135'
251'

Static Water Level with Pump in Place: 42.48 Time: 1226

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|--------------------|
| 1230 | 6.25 | 8.74 | .683 | 2.72 | 344 | -23 | 350 | 43.63 | |
| 1235 | 5.69 | 8.63 | .067 | 1.89 | 350 | -7 | | 43.68 | |
| 1240 | 5.48 | 8.47 | .733 | 2.02 | 359 | -5 | | 43.69 | |
| 1245 | 5.43 | 8.09 | .736 | 2.41 | 164 | -7 | | 43.08 | |
| 1250 | 5.41 | 8.75 | .735 | 2.31 | 191 | -7 | | 43.02 | |
| 1255 | 5.38 | 8.42 | .753 | 2.86 | 86.9 | -9 | | 42.98 | |
| 1300 | 5.38 | 9.93 | .746 | 2.67 | 112 | -9 | | 42.96 | |
| 1305 | 5.34 | 7.64 | .749 | 2.71 | 142 | -9 | | 42.95 | |
| 1310 | 5.38 | 9.01 | 2.11 | 2.74 | 327 | -35 | | -NM | |
| 1315 | 5.56 | 8.28 | 1.50 | 2.56 | 215 | -59 | | 42.93 | |
| 1320 | 5.39 | 8.89 | .746 | 2.86 | 126 | -22 | | 42.91 | |
| 1325 | 5.39 | 9.03 | .741 | 2.90 | 129 | -17 | | 42.91 | |
| 1330 | 5.36 | 9.20 | .794 | 2.94 | 130 | -15 | | 42.90 | SAMPLED VOC MNA |
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Notes:

1. Started pumping high in water column to get peristaltic primed.

1. HIGH EFFERVESCENCE IN WATER. STRONG ^{1 DECAHLYL} ORGANIC ODOOR IN WATER



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-45D PROJECT NO: 150549.40 Task 5 DATE: 11/18/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 138 Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 38.21 Time: 1405 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 151'

Static Water Level with Pump in Place: 38.21 Time: 1411

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1415 | 10.17 | 8.24 | .723 | 1.97 | 33.1 | -184 | 500 | 38.30 | |
| 1420 | 9.93 | 8.00 | .723 | 1.80 | 23.5 | -169 | | 38.30 | |
| 1425 | 9.70 | 7.92 | .725 | 2.42 | 18.4 | -156 | | 38.30 | |
| 1430 | 9.38 | 7.92 | .735 | 2.33 | 18.7 | -144 | | 38.30 | |
| 1435 | 9.16 | 7.66 | .739 | 2.47 | 19.4 | -139 | | 38.31 | |
| 1440 | 8.99 | 7.98 | .742 | 2.46 | 19.7 | -134 | | 38.32 | |
| 1445 | 8.77 | 7.76 | .745 | 2.59 | 20.0 | -134 | | 38.32 | |
| 1450 | 8.54 | 8.07 | .749 | 2.77 | 20.0 | -132 | | 38.32 | |
| 1455 | 8.52 | 8.23 | .749 | 2.46 | 20.5 | -132 | | 38.32 | Sampled VOC + MNA |
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Notes:

1. Started pumping high in water column to get peristaltic primed.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-46D PROJECT NO: 150549.40 Task 5 DATE: 11/18/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 127 Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 14.43 Time: 1005 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 151'

Static Water Level with Pump in Place: 14.43 Time: 1007

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 1010 | 7.87 | 9.35 | .646 | 5.57 | 12.3 | -92 | 500 | 14.53 | |
| 1015 | 7.71 | 9.32 | .646 | 4.71 | 9.2 | -94 | | 14.55 | |
| 1020 | 7.65 | 9.31 | .645 | 5.46 | 6.4 | -86 | | 14.55 | |
| 1025 | 7.61 | 9.54 | .648 | 4.75 | 6.8 | -79 | | 14.55 | |
| 1030 | 7.61 | 9.64 | .650 | 3.76 | 8.9 | -71 | | 14.55 | |
| 1035 | 7.59 | 9.69 | .652 | 4.94 | 11.6 | -67 | | 14.55 | |
| 1040 | 7.59 | 9.73 | .652 | 4.38 | 15.2 | -61 | | 14.55 | |
| 1045 | 7.58 | 9.69 | .652 | 4.42 | 18.1 | -59 | | 14.55 | |
| 1050 | 7.56 | 9.73 | .652 | 3.86 | 23.2 | -55 | | 14.55 | SAMPLED VOC |
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Notes:

1. Started pumping high in water column to get peristaltic primed.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-3 PROJECT NO: 150549.40 Task 5 DATE: 11/24/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: CLOUDY 30'S

WELL DATA:

Well Depth: 183' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 42.28 Time: 957 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Vinyl Pump Intake Depth: 20'

Static Water Level with Pump in Place: 42.18 Time: 1000

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|---------------------|
| 1005 | 7.55 | 8.22 | 1.040 | 2.10 | 96.9 | -143 | 300 | 42.40 | |
| 1010 | 7.45 | 8.66 | 1.043 | 1.72 | 119 | -149 | | 42.41 | |
| 1015 | 7.42 | 8.82 | 1.047 | 1.79 | 121 | -152 | | 42.41 | |
| 1020 | 7.41 | 8.88 | 1.047 | 1.85 | 125 | -152 | | 42.42 | |
| 1025 | 7.41 | 8.93 | 1.055 | 1.87 | 153 | -151 | | 42.42 | |
| 1030 | 7.41 | 8.92 | 1.049 | 1.88 | 120 | -150 | | 42.42 | |
| 1035 | 7.39 | 9.22 | 1.056 | 1.89 | 133 | -150 | | 42.42 | |
| 1040 | 7.41 | 9.38 | 1.050 | 1.90 | 148 | -148 | | 42.43 | SAMPLED VOCs MNA |
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Notes:

- Small, black particulates observed in purge water and samples.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-4 PROJECT NO: 150549.40 Task 5 DATE: 11/25/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: Cloudy 20's

WELL DATA:

Well Depth: 185' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 41.69 Time: 920 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 41.56 Time: 928

SAMPLING LOG: TOC only

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|------------------|
| 950 | 4.30 | 5.69 | 2.56 | 3.22 | 2000 | -5 | 350 | 42.65 | |
| 955 | 4.87 | 5.97 | 2.86 | 2.96 | 2000 | -55 | | 42.65 | |
| 1000 | 4.90 | 5.26 | 2.86 | 2.51 | 2000 | -59 | | 42.67 | |
| 1005 | 4.84 | 6.44 | 2.81 | 1.93 | 2000 | -58 | | 42.68 | |
| 1010 | 4.74 | 5.77 | 2.78 | 2.09 | 2000 | -49 | | 42.68 | |
| 1015 | 4.84 | 6.42 | 2.85 | 1.53 | 2000 | -59 | | 42.70 | |
| 1020 | 4.93 | 6.05 | 2.90 | 1.68 | 5999 | -67 | | 42.70 | |
| 1025 | 4.86 | 6.32 | 2.81 | 1.64 | 2000 | -64 | | 42.71 | |
| 1030 | 4.83 | 5.57 | 2.80 | 1.57 | 2000 | -61 | | 42.71 | SAMPLED TOC ONLY |
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Notes:

1 - Black-particulate matter in purge water and samples.

1) STRONG DECAYING ORGANIC ODOR. VERY EFFERVESCENT



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-5 PROJECT NO: 150549.40 Task 5 DATE: 11/25/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: SUNNY 20'S

WELL DATA:

Well Depth: 190' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 44.53 Time: 1039 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Vinyl Pump Intake Depth: 70'

Static Water Level with Pump in Place: 44.59 Time: 1048

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1050 | 3.81 | 6.27 | 2.69 | 8.22 | 2000 | 43 | 300 | 45.5 45.52 | |
| 1055 | 3.78 | 6.14 | 2.610 | 8.88 | 2000 | 42 | | 47.40 | |
| 1100 | 3.78 | 5.79 | 2.387 | 7.00 | 2000 | 43 | | 47.92 | |
| 1105 | 3.78 | 5.58 | 2.109 | 7.14 | 2000 | 45 | | 47.81 | |
| 1110 | 3.78 | 5.72 | 2.667 | 7.46 | 2000 | 45 | | 47.83 | |
| 1115 | 3.77 | 6.24 | 2.661 | 7.61 | 2000 | 45 | | 47.86 | |
| 1120 | 3.78 | 6.88 | 2.660 | 7.76 | 2000 | 46 | | 47.87 | |
| 1125 | 3.77 | 7.05 | 2.660 | 8.03 | 2000 | 46 | | 47.87 | |
| 1130 | 3.77 | 7.86 | 2.660 | 7.06 | 1300 | 45 | | 47.88 | |
| 1135 | 3.75 | 7.91 | 2.69 | 6.93 | 1112 | 45 | | 47.88 | SAMPLED VOC + MNA |
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Notes:

1. ~~Purge~~ water dark gray to black in color.
2. Groundwater extremely melodorous.
3. Sample has significant black particulate matter and is very effervescent.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-9 PROJECT NO: 150549.40 Task 5 DATE: 11/25/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 30'S

WELL DATA:

Well Depth: 150 Screen Length: 30' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 48.05 Time: 1034 Measuring Point: Top of Riser

SAMPLING DATA: SUBMERSIBLE

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 48.02 Time: 1158

SAMPLING LOG: VOCs and MNA

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1205 | 5.10 | 9.18 | 3.14 | .15 | 5995 | -21 | 500 | 48.74 | |
| 1210 | 5.20 | 10.10 | 3.17 | .05 | 5995 | -55 | | 48.79 | |
| 1215 | 5.19 | 10.65 | 3.69 | .05 | 5999 | -68 | | 48.79 | |
| 1220 | 5.24 | 11.36 | 4.33 | .06 | 2000 | -80 | | 48.80 | |
| 1225 | 5.27 | 11.19 | 4.56 | .06 | 2000 | -85 | | 48.80 | |
| 1230 | 5.29 | 11.37 | 4.79 | .06 | 2000 | -88 | | 48.80 | |
| 1235 | 5.31 | 11.43 | 4.90 | .06 | 2000 | -92 | | 48.80 | |
| 1240 | 5.33 | 11.61 | 4.94 | .07 | 2000 | -96 | | 48.81 | |
| 1245 | 5.34 | 11.84 | 4.97 | .08 | 2000 | -97 | | 48.81 | |
| 1250 | 5.35 | 11.92 | 5.03 | .08 | 2000 | -98 | | 48.81 | SAMPLED V&V + MNA |
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Notes:

- Black particulate matter in purge water and samples.
- STRONG DECOMING ORGANIC ODOR. VERY EFFERVESCENT



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-1C PROJECT NO: 150549.40 Task 5 DATE: 2/23/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 20'S

WELL DATA:

Well Depth: 110' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 49.78 Time: 1346 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 105'

Static Water Level with Pump in Place: 49.77 Time: 1350

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1400 | 6.98 | 4.71 | .213 | 8.17 | 62.6 | -71 | 350 | NM | |
| 1405 | 7.13 | 6.87 | .195 | 6.85 | 50.1 | -91 | | 49.84 | |
| 1410 | 7.17 | 7.77 | .191 | 6.59 | 67.6 | -98 | | 49.84 | |
| 1415 | 7.22 | 8.03 | .189 | 6.52 | 69.2 | -100 | | | |
| 1420 | 7.27 | 8.63 | .188 | 6.02 | 71.6 | -100 | | | |
| 1425 | 7.33 | 8.55 | .187 | 6.31 | 62.4 | -98 | | | |
| 1430 | 7.39 | 8.17 | .188 | 7.94 | 65.2 | -96 | | | |
| 1435 | 7.40 | 8.50 | .187 | 6.97 | 62.8 | -94 | | | |
| 1440 | 7.42 | 8.07 | .187 | 7.08 | 61.6 | -92 | | | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-10D PROJECT NO: 150549.40 Task 5 DATE: 3/2/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Amsworth

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 141' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 49.68 Time: 1445 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: submersible Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 138'

Static Water Level with Pump in Place: 44.68 Time: 1449

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------------------|
| 1500 | 7.13 | 10.51 | 78.0 | 1.65 | 118.0 | -70 | 50.0 | 50.38 | |
| 1505 | 7.09 | 10.88 | 80.8 | 1.22 | 17.6 | -89 | | 50.38 | |
| 1510 | 7.16 | 11.03 | 79.6 | .06 | 24.0 | -98 | | 50.38 | |
| 1515 | 7.22 | 11.15 | 79.1 | .08 | 14.4 | -106 | | 50.38 | |
| 1520 | 7.25 | 11.26 | 79.3 | .05 | 9.8 | -108 | | 50.38 | |
| 1525 | 7.27 | 11.11 | 79.2 | .08 | 10.5 | -110 | | 50.38 | |
| 1530 | 7.29 | 11.06 | 78.3 | .07 | 12.1 | -113 | | 50.38 | |
| 1535 | 7.31 | 11.10 | 78.3 | .09 | 12.7 | -112 | | 50.38 | SAMPLED VOC + MNA |
| | | | | | | | | | DUPLICATE #3 (MNA PARAMETERS) |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-11D PROJECT NO: 150549.40 Task 5 DATE: 3/3/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: P. SUNNY 20'S

WELL DATA:

Well Depth: 140' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 47.64 Time: 1155 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: SUBMERSIBLE PERISTALTIC PUMP Tubing Type: Poly Pump Intake Depth: 135'

Static Water Level with Pump in Place: 46.91 Time: 1156

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|------------------------------|
| 1200 | 10.75 | 9.56 | .344 | 2.36 | 19.8 | -244 | 500 | 52.80 | |
| 1205 | 12.28 | 10.21 | .345 | 0.0 | 28.2 | -336 | 1 | 56.59 | CHANGED BATTERIES |
| 1210 | 12.35 | 10.22 | .344 | 0.0 | 27.2 | -344 | 400 | 60.19 | IN HORIBA |
| 1215 | 12.42 | 11.32 | .340 | 0.0 | 23.8 | -356 | | 61.91 | |
| 1220 | 12.42 | 11.03 | .318 | 0.0 | 34.4 | -361 | | 65.38 | |
| 1225 | 12.41 | 11.25 | .313 | 0.0 | 31.0 | -360 | | 67.00 | |
| 1230 | 12.41 | 11.97 | .316 | 0.0 | 31.2 | -359 | | 68.10 | |
| 1235 | 12.42 | 11.27 | .309 | 0.0 | 31.7 | -359 | | 69.55 | |
| 1240 | 12.40 | 11.58 | .298 | 0.0 | 31.6 | -357 | | 69.72 | SAMPLED VOC + MNA |
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| | | | | | | | | | HydroLab water quality meter |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-19C PROJECT NO: 150549.40 Task 5 DATE: 2/23/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 112' Screen Length: 5' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 42.18 Time: 1024 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 109'

Static Water Level with Pump in Place: 42.18 Time: 1029

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1035 | 7.32 | 8.02 | .111 | 6.55 | 26.6 | -97 | 350 | | |
| 1040 | 7.25 | 8.31 | .113 | 6.45 | 32.0 | -109 | | 43.53 | |
| 1045 | 7.20 | 7.25 | .116 | 5.29 | 36.8 | -114 | | 44.51 | |
| 1050 | 7.28 | 6.72 | .116 | 4.80 | 42.8 | -115 | | 45.18 | |
| 1055 | 7.29 | 6.16 | .117 | 4.67 | 46.4 | -113 | | 46.04 | |
| 1100 | 7.30 | 6.75 | .115 | 4.51 | 48.0 | -113 | | 46.56 | |
| 1105 | 7.34 | 6.61 | .117 | 4.78 | 48.9 | -113 | | 46.91 | |
| 1110 | 7.40 | 6.52 | .117 | 5.05 | 51.9 | -114 | | 47.08 | |
| 1115 | 7.45 | 6.70 | .118 | 4.69 | 53.7 | -116 | | 47.31 | |
| 1120 | 7.48 | 6.69 | .120 | 5.26 | 55.3 | -115 | | 47.33 | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-28D PROJECT NO: 150549.40 Task 5 DATE: 3/3/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: P. Sunny 20's

WELL DATA:

Well Depth: 195' Screen Length: 5' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 49.17 Time: 1255 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Submersible ~~Peristaltic Pump~~ Tubing Type: Poly Pump Intake Depth: 192'

Static Water Level with Pump in Place: 48.93 Time: 1310

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1315 | 10.41 | 11.11 | 48.0 | 0.0 | 39.7 | -196 | 600 | 57.31 | |
| 1320 | 9.92 | 11.27 | 47.9 | 0.0 | 38.2 | -247 | 500 | 58.98 | |
| 1325 | 9.38 | 11.29 | 47.7 | 0.0 | 58.6 | -283 | | 59.82 | |
| 1330 | 9.19 | 11.30 | 47.5 | 0.0 | 48.7 | -298 | | 59.93 | |
| 1335 | 8.97 | 11.43 | 47.7 | 0.0 | 13.0 | -314 | | 60.08 | |
| 1340 | 8.83 | 11.50 | 48.4 | 0.0 | 10.1 | -320 | | NM | |
| 1345 | 8.73 | 11.45 | 51.3 | 0.0 | 10.6 | -313 | | 60.13 | |
| 1350 | 8.60 | 11.52 | 53.3 | 0.0 | 9.4 | -302 | | 60.14 | |
| 1355 | 8.51 | 11.44 | 54.9 | 0.0 | 9.1 | -298 | | 60.15 | |
| 1400 | 8.49 | 11.41 | 55.1 | 0.0 | 9.0 | -296 | | 60.15 | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-30D PROJECT NO: 150549.40 Task 5 DATE: 2/23/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 210' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 46.48 Time: 857 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: submersible Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 205'

Static Water Level with Pump in Place: 45.39 Time: 1154

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1200 | 8.65 | 9.78 | 48.6 | .70 | 54.3 | -186 | 600 | 51.13 | |
| 1205 | 9.29 | 10.50 | 43.1 | .12 | 24.8 | -231 | | 54.74 | |
| 1210 | 8.59 | 10.54 | 60.6 | .09 | 28.2 | -142 | | NM | |
| 1215 | 7.85 | 10.59 | 61.4 | .01 | 14.3 | -133 | | 57.12 | |
| 1220 | 7.56 | 10.91 | 60.9 | 0.0 | 15.2 | -134 | | NM | |
| 1225 | 7.50 | 10.62 | 59.4 | 0.0 | 43.1 | -135 | | 57.21 | |
| 1230 | 7.35 | 10.54 | 68.9 | 0.0 | 209.0 | -129 | | 57.24 | |
| 1235 | 7.30 | 10.82 | 68.6 | 0.0 | 428.0 | -131 | | 57.26 | SAMPLED VOC + MNA |
| | | | | | | | | | DUPLICATE #2 |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-35D PROJECT NO: 150549.40 Task 5

DATE: 2/20/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: SUNNY 10's

WELL DATA:

Well Depth: 130' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 40.69 Time: 8:17 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 125'

Static Water Level with Pump in Place: 40.68 Time: 8:25

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 830 | 5.30 | 5.85 | .134 | 2.40 | 379.0 | 64 | 400 | 40.68 | |
| 835 | 5.07 | 6.33 | .096 | 2.94 | 844.0 | 80 | | | |
| 840 | 5.07 | 6.56 | .114 | 3.04 | 323.0 | 78 | | | |
| 845 | 5.22 | 6.35 | .216 | 2.61 | 389.0 | 41 | | 40.71 | |
| 850 | 5.36 | 5.48 | .375 | 3.09 | 607.0 | 6 | 350 | | |
| 855 | 5.42 | 5.17 | .545 | 3.17 | 701.0 | -16 | | | |
| 900 | 5.46 | 5.47 | .529 | 3.21 | 766.0 | -25 | | 40.72 | |
| 905 | 5.47 | 5.24 | .547 | 3.24 | 916.0 | -30 | | | |
| 910 | 5.48 | 5.48 | .557 | 3.27 | 719.0 | -31 | | | SAMPLED VOC + MNA |
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Notes:

1. Calibrated Horiba to 3.98 pH in 4.0 solution and 4.48 pH in 4.49 solution.
2. A small hole was discovered in poly tubing which let air into Horiba cell. Tubing repaired.

VERY MEGALODOROUS
VERY EFFERVESCENT



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-36D PROJECT NO: 150549.40 Task 5 DATE: 2/19/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: Sunny 10's

WELL DATA:

Well Depth: 140' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 39.36 Time: 1005 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 135'

Static Water Level with Pump in Place: _____ Time: 1008

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 1010 | 7.14 | 5.12 | 64.1 | 8.65 | 25.5 | -98 | 350 | | |
| 1015 | 7.14 | 5.53 | 78.1 | 6.61 | 19.6 | -98 | | | |
| 1020 | 7.01 | 6.48 | 79.3 | 3.69 | 25.2 | -93 | | | |
| 1025 | 6.99 | 6.24 | 79.2 | 3.79 | 44.9 | -88 | | | |
| 1030 | 7.02 | 5.64 | 79.4 | 4.30 | 33.2 | -85 | | | |
| 1035 | 7.03 | 5.76 | 80.1 | 3.83 | 12.6 | -83 | | | |
| 1040 | 7.04 | 6.08 | 79.5 | 3.97 | 22.3 | -82 | | | |
| 1045 | 7.06 | 6.40 | 79.4 | 3.64 | 16.0 | -83 | | | |
| 1050 | 7.08 | 6.31 | 80.8 | 3.89 | 26.2 | -82 | | | |
| 1055 | 7.11 | 6.44 | 80.3 | 3.55 | 17.5 | -81 | | | |
| 1100 | 7.10 | 6.63 | 80.8 | 3.85 | 51.4 | -76 | | | |
| 1105 | 7.08 | 6.84 | 80.6 | 3.84 | 35.1 | -73 | | | |
| 1110 | 7.08 | 6.81 | 80.8 | 3.72 | 60.9 | -71 | | | |
| 1115 | 7.09 | 6.82 | 80.1 | 3.69 | 74.0 | -73 | | | SAMPLED VOC |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-40D PROJECT NO: 150549.40 Task 5 DATE: 2/20/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: Sunny 10's

WELL DATA:

Well Depth: 137' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 42.61 Time: 1135 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 132'

Static Water Level with Pump in Place: 42.60 Time: 1138

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1143 | 6.69 | 8.84 | 83.8 | 7.86 | 33.0 | -52 | 500 | 42.62 | |
| 1148 | 6.86 | 9.53 | 82.2 | 4.64 | 50.2 | -75 | | | |
| 1153 | 6.97 | 9.80 | 82.0 | 4.60 | 52.2 | -78 | | | |
| 1158 | 7.05 | 9.96 | 82.1 | 4.62 | 82.5 | -75 | | | |
| 1203 | 7.08 | 10.07 | 82.1 | 4.41 | 52.6 | -71 | | | |
| 1208 | 7.13 | 9.85 | 82.8 | 4.01 | 65.0 | -66 | | | |
| 1213 | 7.13 | 10.04 | 82.8 | 4.26 | 70.2 | -64 | | | |
| 1218 | 7.15 | 10.12 | 82.7 | 4.14 | 87.0 | -60 | | | |
| 1223 | 7.16 | 10.22 | 82.5 | 4.09 | 118.0 | -57 | | | |
| 1228 | 7.19 | 9.12 | 83.1 | 4.00 | 83.9 | -55 | | | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-41D PROJECT NO: 150549.40 Task 5 DATE: 2/19/08

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. WISWORTH

WEATHER: SUNNY 10°C

WELL DATA:

Well Depth: 138' Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 39.52 Time: 1300 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 133'

Static Water Level with Pump in Place: 39.51 Time: 1305

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-----------------------------|
| 1310 | 7.05 | 8.81 | 81.7 | 1.39 | 94.7 | -110 | 500 | 39.52 | |
| 1315 | 6.96 | 8.90 | 84.0 | 1.18 | 54.5 | -114 | | | |
| 1320 | 6.97 | 8.76 | 84.4 | 1.09 | 45.6 | -114 | | | |
| 1325 | 6.96 | 8.85 | 83.1 | 1.31 | 27.4 | -113 | | | |
| 1330 | 6.96 | 8.78 | 83.9 | 1.16 | 36.3 | -113 | | 39.53 | |
| 1335 | 6.98 | 8.80 | 84.2 | 1.06 | 57.7 | -114 | | | |
| 1340 | 6.99 | 8.86 | 83.9 | 1.10 | 45.9 | -114 | | | |
| 1345 | 6.99 | 8.69 | 84.7 | 1.23 | 42.1 | -111 | | | |
| 1350 | 6.99 | 8.92 | 85.6 | 1.41 | 27.4 | -109 | | | |
| 1355 | 7.00 | 8.85 | 85.5 | 1.27 | 35.6 | -109 | | | |
| 1400 | 7.00 | 8.74 | 85.8 | 1.39 | 57.1 | -108 | | | SAMPLED VOC DUPLICATE #1 |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-44D PROJECT NO: 150549.40 Task 5 DATE: 2/20/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 145 Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 43.30 Time: 951 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 151'

Static Water Level with Pump in Place: 43.30 Time: 1000

SAMPLING LOG: VOCs and MNA (No Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1005 | 5.57 | 6.64 | .400 | 3.81 | 402.0 | -19 | 400 | 43.32 | |
| 1010 | 5.69 | 7.52 | .457 | 2.63 | 470.0 | -26 | | 43.33 | |
| 1015 | 5.71 | 7.40 | .462 | 2.75 | 430.0 | -27 | | 43.33 | |
| 1020 | 5.72 | 7.39 | .462 | 2.74 | 449.0 | -28 | | 43.33 | |
| 1025 | 5.72 | 6.50 | .430 | 2.75 | 348.0 | -26 | | 43.34 | |
| 1030 | 5.71 | 7.08 | .376 | 2.73 | 354.0 | -23 | | | |
| 1035 | 5.64 | 7.06 | .303 | 3.40 | 379.0 | -10 | | | |
| 1040 | 5.66 | 7.40 | .373 | 2.72 | 352.0 | -18 | | | |
| 1045 | 5.70 | 6.61 | .427 | 2.47 | 351.0 | -21 | | | |
| 1050 | 5.74 | 6.64 | .437 | 2.11 | 378.0 | -24 | | | |
| 1055 | 5.74 | 6.54 | .448 | 2.24 | 423.0 | -25 | | | |
| 1100 | 5.75 | 6.64 | .439 | 2.18 | 438.0 | -25 | | | SAMPLED VOC + MNA |
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Notes:

1. Started pumping high in water column to get peristaltic primed.
2. VERY MELLODOROUS
3. VERY EFFERVESCENT



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: MW-45D PROJECT NO: 150549.40 Task 5 DATE: 2/19/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: SUNNY 10's

WELL DATA:

Well Depth: 138 Screen Length: 10' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 39.29 Time: 836 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 151'

Static Water Level with Pump in Place: 39.28 Time: 853

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 858 | 6.36 | 6.30 | 78.3 | 1.71 | 32.2 | -61 | 400 | 39.32 | |
| 903 | 6.54 | 6.88 | 74.4 | 1.63 | 15.0 | -75 | | 39.34 | |
| 908 | 6.63 | 7.12 | 72.8 | 1.35 | 17.0 | -84 | | 39.34 | |
| 913 | 6.67 | 6.93 | 73.0 | 1.74 | 63.5 | -87 | | | |
| 918 | 6.71 | 7.12 | 73.1 | 1.24 | 73.1 | -91 | | | |
| 923 | 6.75 | 7.11 | 73.3 | 1.37 | 13.5 | -91 | | | |
| 928 | 6.77 | 7.14 | 72.2 | 1.29 | 3.6 | -92 | | 39.35 | |
| 933 | 6.81 | 7.19 | 72.4 | 1.39 | 8.7 | -91 | | | |
| 938 | 6.83 | 7.20 | 72.7 | 1.36 | 3.6 | -88 | | | |
| 943 | 6.77 | 7.19 | 73.2 | 1.31 | 5.8 | -87 | | 39.36 | SAMPLED VOC |
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Notes:

1. Started pumping high in water column to get peristaltic primed.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-1 PROJECT NO: 150549.40 Task 5 DATE: 3/2/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. W. Sedgwick

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 188' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 43.98 Time: 1314 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 43.98 Time: 1315

SAMPLING LOG: VOCs and MNA (no Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------------|
| 1320 | 5.55 | 7.90 | .723 | 3.47 | 789.0 | -14 | | 44.81 | |
| 1325 | 5.54 | 8.42 | .730 | 3.40 | 779.0 | -23 | | 45.12 | |
| 1330 | 5.58 | 8.39 | .731 | 3.52 | 904.0 | -29 | | 45.22 | |
| 1335 | 5.53 | 8.49 | .729 | 3.25 | 992.0 | -35 | | 45.20 | |
| 1340 | 5.53 | 8.70 | .736 | 3.31 | -5.0 | -38 | | 45.21 | |
| 1345 | 5.53 | 8.94 | .745 | 3.04 | -5.0 | -41 | | 45.22 | |
| 1350 | 5.54 | 9.06 | .751 | 2.61 | -5.0 | -44 | | 45.22 | |
| 1355 | 5.54 | 8.91 | .757 | 2.88 | -5.0 | -46 | | 45.22 | |
| 1400 | 5.55 | 8.80 | .766 | 2.69 | -5.0 | -48 | | 45.23 | SAMPLED VOC + MNA |
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**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-3 PROJECT NO: 150549.40 Task 5 DATE: 2/23/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AIRNSWORTHY

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 183' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 43.53 Time: 856 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Vinyl Pump Intake Depth: 20' 140'

Static Water Level with Pump in Place: 43.53 Time: 907

SAMPLING LOG: VOCs

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|-------------|
| 915 | 6.30 | 5.29 | 101 | 6.56 | 21.7 | 102 | 500 | NM | |
| 920 | 6.60 | 5.56 | 102 | 4.79 | 24.3 | -3 | | NM | |
| 925 | 6.70 | 5.73 | 103 | 3.64 | 60.9 | -42 | | 43.63 | |
| 930 | 6.79 | 5.74 | 102 | 3.99 | 45.9 | -60 | | 43.64 | |
| 935 | 6.83 | 5.80 | 102 | 4.64 | 44.9 | -71 | | 43.64 | |
| 940 | 6.89 | 5.92 | 102 | 4.64 | 45.7 | -77 | | 43.64 | |
| 945 | 6.90 | 5.88 | 103 | 5.22 | 30.5 | -81 | | 43.64 | |
| 950 | 6.93 | 5.86 | 103 | 5.05 | 35.5 | -84 | | 43.64 | |
| 955 | 6.95 | 5.59 | 103 | 5.62 | 34.0 | -86 | | 43.64 | |
| 1000 | 6.97 | 5.16 | 103 | 5.04 | 31.1 | -87 | | 43.64 | Sampled VOC |
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Notes:

1. Small, black particulates observed in purge water and samples.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-4 PROJECT NO: 150549.40 Task 5 DATE: 2/23/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: AINSWORTH

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 185' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 42.71 Time: 1222 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 42.71 Time: 1225

SAMPLING LOG: VOCs and MNA (no Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|----------------------|
| 1230 | 6.00 | 6.68 | .656 | 4.44 | 517.0 | 6 | 400 | NM | |
| 1235 | 5.93 | 7.15 | .718 | .76 | 792.0 | -38 | | | |
| 1240 | 5.91 | 7.35 | .738 | .86 | 998.0 | -53 | | | |
| 1245 | 5.91 | 6.75 | .759 | 1.34 | 665.0 | -60 | | 43.32 | |
| 1250 | 5.91 | 7.02 | .761 | 1.51 | 906.0 | -64 | | 43.42 | |
| 1255 | 5.89 | 6.99 | .767 | 2.03 | 765.0 | -67 | | 43.54 | |
| 1300 | 5.88 | 7.52 | .768 | 2.54 | 944.0 | -70 | | 43.61 | |
| 1306 | 5.87 | 7.12 | .775 | 2.53 | 734.0 | -72 | | 46.72 | |
| 1310 | 5.87 | 7.21 | .775 | 2.53 | 899.0 | -73 | | 46.75 | SAMPLED VOC + MNA |
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Notes:

1. Black particulate matter in purge water and samples.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-5 PROJECT NO: 150549.40 Task 5

DATE: 3/2/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: ANSWORTH

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 190' Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 45.40 Time: 9:14 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Vinyl Pump Intake Depth: 70'

Static Water Level with Pump in Place: 44.74 Time: 9:32

SAMPLING LOG: VOCs and MNA (no Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|----------------------|
| 1005 | 4.94 | 6.38 | .568 | 3.99 | -5.0 | 31 | 500 | | |
| 1010 | 5.07 | 8.41 | .618 | 3.30 | -5.0 | 17 | | 46.80 | |
| 1015 | 5.14 | 8.48 | .673 | 2.72 | -5.0 | 7 | | 47.13 | |
| 1020 | 5.17 | 8.93 | .690 | 2.48 | -5.0 | 2 | | 47.18 | |
| 1025 | 5.20 | 9.33 | .695 | 2.39 | -5.0 | -4 | | 47.19 | |
| 1030 | 5.21 | 8.46 | .709 | 2.00 | -5.0 | -7 | | 47.21 | |
| 1035 | 5.22 | 8.55 | .713 | 2.00 | -5.0 | -9 | | 47.21 | |
| 1040 | 5.22 | 8.50 | .713 | 1.88 | -5.0 | -11 | | 47.22 | |
| 1045 | 5.24 | 8.87 | .722 | 1.96 | -5.0 | -13 | | 47.22 | |
| 1050 | 5.24 | 8.79 | .727 | 1.91 | -5.0 | -14 | | 47.22 | SAMPLED VOC + MNA |
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Notes:

1. Purge water ~~dark gray~~ BROWN to black in color. AND THICK CREAMY CONSISTENCY.
2. Groundwater extremely melodorous.
3. Sample has significant black particulate matter and is very effervescent.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-6 PROJECT NO: _____ DATE: 2/20/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: Ainsworth

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 192 Screen Length: 70' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 42.74 Time: 1359 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 42.74 Time: 1410

SAMPLING LOG: VOCs and MNA (no Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|--------------------|
| 1415 | 9.00 | 6.42 | 49.9 | 10.82 | 230.0 | 19 | | | |
| 1420 | 6.93 | 5.48 | .168 | 10.52 | 743.0 | 43 | | | |
| 1425 | 6.22 | 6.54 | .230 | 7.10 | 404.0 | 16 | | | |
| 1430 | 6.08 | 6.14 | .248 | 6.57 | 760.0 | 6 | | | |
| 1435 | 6.06 | 5.85 | .250 | 6.91 | 162.0 | -2 | | | |
| 1440 | 6.09 | 5.31 | .187 | 7.58 | 478.0 | -5 | | | |
| 1445 | 6.04 | 6.82 | .250 | 6.39 | 546.0 | -7 | | | |
| 1450 | 6.03 | 6.72 | .238 | 6.14 | 713.0 | -9 | | | |
| 1455 | 6.04 | 6.33 | .236 | 6.09 | 410.0 | -11 | | | |
| 1500 | 6.03 | 6.83 | .245 | 6.19 | 222.0 | -12 | | | SAMPLED OCC MNA |
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Notes:

1. Black particulate matter in purge water and samples. ✓
2. VERY MELODOROUS
3. VERY EFFERVESCENT



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-8 PROJECT NO: _____ DATE: 3/3/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. INSWORTH

WEATHER: P. SUNNY 20's

WELL DATA:

Well Depth: 150 Screen Length: 30' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 47.86 Time: 1020 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 47.86 Time: 1024

SAMPLING LOG: VOCs and MNA (no Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|--------------|
| 1035 | 7.29 | 3.00 | 117 | 9.79 | 177.0 | -75 | 300 | NM | |
| 1040 | 7.47 | 4.82 | 102 | 7.44 | 180.0 | -78 | 400 | 48.29 | |
| 1045 | 7.56 | 5.86 | 109 | 8.35 | 194.0 | -86 | | 48.29 | |
| 1050 | 7.65 | 5.89 | 109 | 9.04 | 186.0 | -91 | | 48.29 | |
| 1055 | 7.79 | 5.26 | 109 | 9.89 | 142.0 | -96 | | 48.29 | |
| 1100 | 7.94 | 5.09 | 108 | 10.92 | 140.0 | -102 | | 48.29 | |
| 1105 | 7.92 | 4.90 | 108 | 10.33 | 116.0 | -96 | | 48.29 | |
| 1110 | 7.91 | 4.74 | 1100 | 10.35 | 141.0 | -93 | | 48.29 | |
| 1115 | 7.78 | 5.56 | 102 | 7.60 | 125.0 | -87 | | 48.29 | SAMPLED VERT |
| 1120 | 7.65 | 7.62 | 105 | 5.28 | 192.0 | -85 | | 48.30 | MNA |
| 1125 | 7.65 | 7.21 | 105 | 5.43 | 167.0 | -86 | | 48.31 | |
| 1130 | 7.65 | 7.06 | 105 | 5.95 | 206.0 | -86 | | 48.31 | |
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Notes:

1. Black particulate matter in purge water and samples.



**GROUNDWATER MONITORING WELL
SAMPLING LOG (LOW-FLOW SAMPLING)**

WELL NO: INJ-9 PROJECT NO: 150549.40 Task 5 DATE: 3/3/09

JOB DESCRIPTION: Chrysler LLC - Keck Farm

LOCATION: Watertown, Wisconsin

SAMPLING PERSONNEL: A. Swartz

WEATHER: SUNNY 10'S

WELL DATA:

Well Depth: 150 Screen Length: 30' Well Casing Diameter and Type: 2-inch ID SS

Static Water Level: 48.81 Time: 8:44 Measuring Point: Top of Riser

SAMPLING DATA:

Sampling Device: Peristaltic Pump Tubing Type: Poly Pump Intake Depth: 140'

Static Water Level with Pump in Place: 48.81 Time: 8:51

SAMPLING LOG: VOCs and MNA (no Mn)

| Time (24 hr) | pH (s.u.) | Temp (°C) | Cond. (mS/cm) | Dis. Ox. (mg/L) | Turb. (NTU) | ORP (eV) | Pump Rate (ml/min) | Water Level (ft from TOC) | Notes |
|--------------|-----------|-----------|---------------|-----------------|-------------|----------|--------------------|---------------------------|------------------|
| 900 | 5.52 | 7.36 | 467 | 2.18 | 571.0 | 59 | 400 | NM | |
| 905 | 5.66 | 7.49 | 679 | 1.82 | 643.0 | 30 | | 48.81 | |
| 910 | 5.74 | 7.71 | 1732 | 4.05 | -5.0 | 15 | | 48.85 | |
| 915 | 5.75 | 7.60 | 1737 | 5.38 | -5.0 | 7 | | 48.85 | |
| 920 | 5.76 | 7.72 | 1737 | 4.03 | -5.0 | 1 | | 48.85 | |
| 925 | 5.77 | 8.07 | 1735 | 3.28 | -5.0 | -4 | | 48.85 | |
| 930 | 5.78 | 8.05 | 1730 | 2.79 | -5.0 | -8 | | 48.85 | |
| 935 | 5.79 | 7.73 | 1729 | 2.04 | -5.0 | -12 | | 48.85 | |
| 940 | 5.79 | 8.03 | 1726 | 1.61 | -5.0 | -15 | | 48.85 | |
| 945 | 5.79 | 7.70 | 1728 | 1.38 | -5.0 | -17 | | 48.85 | SAMPLED VZ + MNA |
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Notes:

- Black particulate matter in purge water and samples.