

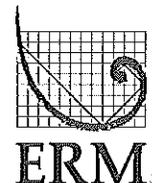
**Environmental
Resources
Management**

15810 Park Ten Place
Suite 300
Houston, Texas 77084
(281) 600-1000
(281) 600-1001 (fax)

April 8, 2010

Mr. and Mrs. Ron Nelson
18852 County Road 74
Peetz, CO 80747-9614

Subject: Summary of Water Well Sample Results



Dear Mr. and Mrs. Nelson:

Environmental Resources Management (ERM) has received the laboratory analytical results for the samples that were collected for the new water supply well to your home. This letter provides a summary of the analytical results and a copy of the laboratory report for your records.

As you may recall, ERM collected two samples from your water system in the basement of your house at a point upstream of the water filter. The samples were labeled WW-2:021110 and WW-2 DUP:021110. Sample FB:021110 is a distilled water blank collected at the same time as the other samples for sample handling and laboratory quality control. Table 1 provides a summary of the results as well as the numerical concentration limits established by the Colorado Oil and Gas Corporation Commission (COGCC) in Rule 910 and by the United States Environmental Protection Agency (USEPA) in the Safe Drinking Water Act (Primary and Secondary Drinking Water Standards).

A review of the laboratory results indicates that the water system samples are within the organic constituent limits of the COGCC Rule 910 and EPA primary drinking water standards. Constituents tested are local background concentrations that are representative of the aquifer. For inorganic constituents, the reported chloride and sulfate concentrations are below the USEPA secondary drinking water standards, which are non-enforceable guidelines recommended by USEPA on the basis of cosmetic or aesthetic considerations. The total dissolved solids results of 850 and 854 mg/L are believed to be consistent with the range of concentration detected for background concentration in the general area.

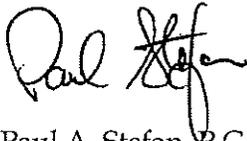
Overall, the results are consistent with drinking water standards and no issues are apparent with these sample results.

April 8, 2010
Mr. and Mrs. Ron Nelson
Page 2

If you have any questions or comments about the well sampling or the analytical results, please call me or John Boone at 281-600-1000. Also, in the event that you would like to discuss these results with an ERM expert in toxicology, please contact me and I will help coordinate a call with our expert in this area of specialty, Ms. Angela Levert.

Sincerely,

Environmental Resources Management Southwest, Inc.

A handwritten signature in black ink, appearing to read "Paul Stefan". The signature is fluid and cursive, with the first name "Paul" written in a larger, more prominent script than the last name "Stefan".

Paul A. Stefan, P.G.
Principal

PAS/mnt

Attachments:

Table 1
Accutest Report

cc: Thomas Gottsegen, Chevron Global Upstream
Scott Stapp, Merchant Energy Partners, LLP
Jim Weber, Coral Production Company

Table 1
Attachment 1

April 8, 2010
Project No. 0104362

Environmental Resources Management Southwest, Inc.
15810 Park Ten Place, Suite 300
Houston, Texas 77084-5140
(281) 600-1000

Table 1
Summary of Water Well Analytical Results
Residence Located at 18852 CR 74
Peetz, Colorado 80751

| Sample ID | Laboratory ID | Constituent of Concern: | Benzene | Toluene | Ethylbenzene | Xylenes (total) | Total Dissolved Solids | Chlorides | Sulfates |
|------------------------------|---------------|--|---------|------------|--------------|-----------------|------------------------|------------|------------|
| | | Analytical Method: | 8021B | 8021B | 8021B | 8021B | SM20 2540C | EPA 300 | EPA 300 |
| | | Units: | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| | | COGCC Limit: | 0.005 | 0.56 - 1.0 | 0.7 | 1.4 - 10.0 | <1.25 x BG | <1.25 x BG | <1.25 x BG |
| | | USEPA MCL: | 0.005 | 1.0 | 0.7 | 10.0 | - | - | - |
| | | USEPA Secondary Drinking Water Standard: | - | - | - | - | 500 | 250 | 250 |
| <i>Well Water Samples</i> | | | | | | | | | |
| WW-2:021110 | D11012-1 | | < 0.001 | < 0.002 | < 0.002 | < 0.002 | 850 | 47 | 172 |
| WW-2 DUP:021110 | D11012-1 | | < 0.001 | < 0.002 | < 0.002 | < 0.002 | 854 | 46.9 | 172 |
| <i>Distilled Water Blank</i> | | | | | | | | | |
| FB:021110 | D11012-1 | | < 0.001 | < 0.002 | < 0.002 | < 0.002 | 14 | <0.5 | <0.5 |

Notes:

- 1) This table summarizes results of laboratory analyses of water samples obtained on February 11, 2010 from sampling points in the residence of Ron and Christa Nelson located at 18852 County Road 74, Peetz, Colorado.
- 2) Colorado Oil and Gas Corporation Commission (COGCC) limits are as listed from Table 910-1 from COGCC Rule 910, provided at <http://cogcc.state.co.us>.
- 3) United States Environmental Protection Agency (USEPA) maximum contaminant levels are as listed by the USEPA at <http://www.epa.gov/safewater/contaminants/index.html>.
- 4) Samples were analyzed for all ground water constituents for which maximum concentration limits are reported in COGCC Table 910-1.
- 5) Results reported less than the method detection limit by the laboratory are shown by "<" followed by the method detection limit concentration.
- 6) The COGCC concentration limits for Total Dissolved Solids, Chlorides, and Sulfates are defined by reference to background (BG) concentrations for those constituents. No background concentrations have been located in the literature for the Pierre Shale aquifer in Logan County. Therefore, background concentrations are unknown and there appears to be no valid basis for comparison of the concentrations detected in the samples collected from the Nelson residence water system.
- 7) USEPA National Secondary Drinking Water Standard concentrations are defined as follows at <http://www.epa.gov/safewater/contaminants/index.html#inorganic>: "National Secondary Drinking Water Regulations (NSDWRs or secondary standards) are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply. However, states may choose to adopt them as enforceable standards."
- 8) A distilled water blank sample was collected at the same time as water system samples in the Nelson residence to provide a quality control/quality assurance (QA/QC) check on laboratory sample container quality, laboratory results, and ambient conditions at the time of sampling.

Accutest Analytical Report
Attachment 2

April 8, 2010
Project No. 0104362

Environmental Resources Management Southwest, Inc.
15810 Park Ten Place, Suite 300
Houston, Texas 77084-5140
(281) 600-1000



02/17/10

Technical Report for

ERM

Schwake's Well A-2

PO 0104362

Accutest Job Number: D11012

Sampling Date: 02/11/10



Report to:

ERM
15810 Park Ten Place
Suite 300
Houston, TX 77084

ATTN: John L. Boone

Total number of pages in report: 22



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.

Gary K. Ward
Laboratory Director

Client Service contact: Shea Greiner 303-425-6021

Certifications: CO, ID, NE, NM, ND (R-027) (PW) UT (NELAP CO00049)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

ERM

Job No: D11012

Schwake's Well A-2
Project No: PO 0104362

| Sample Number | Collected Date | Time By | Received | Matrix Code | Type | Client Sample ID |
|---------------|----------------|----------|----------|-------------|----------------|------------------|
| D11012-1 | 02/11/10 | 11:40 CG | 02/11/10 | DW | Drinking Water | WW-2:021110 |
| D11012-2 | 02/11/10 | 11:45 CG | 02/11/10 | DW | Drinking Water | WW-2:DUP:021110 |
| D11012-3 | 02/11/10 | 11:50 CG | 02/11/10 | DW | Drinking Water | FB:021110 |

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: ERM

Job No D11012

Site: Schwake's Well A-2

Report Dat 2/17/2010 2:41:47 PM

On 02/11/2010, 3 samples were received at Accutest Mountain States Laboratories at a temperature of 5.4 C. The samples were intact and properly preserved, unless noted below. An Accutest Job Number of D11012 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GC By Method SW846 8021B

| | |
|-----------|------------------|
| Matrix AQ | Batch ID: GTA272 |
|-----------|------------------|

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D11039-IMS and D11039-IMSD were used as the QC samples indicated.
- Samples D11039-IMS and D11039-IMSD have surrogates outside control limits. Probable cause due to matrix interference.
- Sample D11039-IMSD for 1,2,4-Trichlorobenzene is outside control limits due to matrix interference.
- Sample D11039-IMS for 1,2,4-Trichlorobenzene is outside control limits due to matrix interference.

Wet Chemistry By Method EPA 300

| | |
|-----------|------------------|
| Matrix DW | Batch ID: GP1468 |
|-----------|------------------|

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Samples D11006-IMS and D11006-IMSD were used as the QC samples for Chloride, Sulfate, and Chloride.

Wet Chemistry By Method SM20 2540C

| | |
|-----------|------------------|
| Matrix AQ | Batch ID: GN3227 |
|-----------|------------------|

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

| | |
|-----------|------------------|
| Matrix DW | Batch ID: GN3227 |
|-----------|------------------|

- Sample D11012-IDUP was used as the QC sample for Total Dissolved Solids.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover



Sample Results

Report of Analysis

Report of Analysis

| | |
|-------------------------------|-------------------------|
| Client Sample ID: WW-2:021110 | Date Sampled: 02/11/10 |
| Lab Sample ID: D11012-1 | Date Received: 02/11/10 |
| Matrix: DW - Drinking Water | Percent Solids: n/a |
| Method: SW846 8021B | |
| Project: Schwake's Well A-2 | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | TA5005.D | 1 | 02/16/10 | SD | n/a | n/a | GTA272 |
| Run #2 | | | | | | | |

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

Purgeable Aromatics

| CAS No. | Compound | Result | MCL | RL | Units | Q |
|----------|--------------|--------|------|-----|-------|---|
| 71-43-2 | Benzene | ND | 5.0 | 1.0 | ug/l | |
| 108-88-3 | Toluene | ND | 1000 | 2.0 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 700 | 2.0 | ug/l | |
| | m,p-Xylene | ND | | 2.0 | ug/l | |
| 95-47-6 | o-Xylene | ND | | 2.0 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|------------------------|--------|--------|---------|
| 120-82-1 | 1,2,4-Trichlorobenzene | 106% | | 60-140% |

ND = Not detected
MCL = Maximum Contamination Level (40 CFR 141)
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


| | |
|-------------------------------|-------------------------|
| Client Sample ID: WW-2:021110 | Date Sampled: 02/11/10 |
| Lab Sample ID: D11012-1 | Date Received: 02/11/10 |
| Matrix: DW - Drinking Water | Percent Solids: n/a |
| Project: Schwake's Well A-2 | |

General Chemistry

| Analyte | Result | MCL | Units | DF | Analyzed | By | Method |
|-------------------------|--------|-----|-------|----|----------------|-----|------------|
| Chloride | 47.0 | | mg/l | 2 | 02/12/10 11:40 | JML | EPA 300 |
| Solids, Total Dissolved | 850 | | mg/l | 1 | 02/15/10 | JK | SM20 2540C |
| Sulfate | 172 | | mg/l | 5 | 02/12/10 16:27 | JML | EPA 300 |

MCL = Maximum Contamination Level (40 CFR 141)

Report of Analysis

| | |
|-----------------------------------|-------------------------|
| Client Sample ID: WW-2 DUP:021110 | Date Sampled: 02/11/10 |
| Lab Sample ID: D11012-2 | Date Received: 02/11/10 |
| Matrix: DW - Drinking Water | Percent Solids: n/a |
| Method: SW846 8021B | |
| Project: Schwake's Well A-2 | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | TA5006.D | 1 | 02/16/10 | SD | n/a | n/a | GTA272 |
| Run #2 | | | | | | | |

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

Purgeable Aromatics

| CAS No. | Compound | Result | MCL | RL | Units | Q |
|----------|--------------|--------|------|-----|-------|---|
| 71-43-2 | Benzene | ND | 5.0 | 1.0 | ug/l | |
| 108-88-3 | Toluene | ND | 1000 | 2.0 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 700 | 2.0 | ug/l | |
| | m,p-Xylene | ND | | 2.0 | ug/l | |
| 95-47-6 | o-Xylene | ND | | 2.0 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|------------------------|--------|--------|---------|
| 120-82-1 | 1,2,4-Trichlorobenzene | 105% | | 60-140% |

ND = Not detected
MCL = Maximum Contamination Level (40 CFR 141)
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: WW-2 DUP:021110 | Date Sampled: 02/11/10 |
| Lab Sample ID: D11012-2 | Date Received: 02/11/10 |
| Matrix: DW - Drinking Water | Percent Solids: n/a |
| Project: Schwake's Well A-2 | |

General Chemistry

| Analyte | Result | MCL | Units | DF | Analyzed | By | Method |
|-------------------------|--------|-----|-------|----|----------------|-----|------------|
| Chloride | 46.9 | | mg/l | 2 | 02/12/10 11:55 | JML | EPA 300 |
| Solids, Total Dissolved | 854 | | mg/l | 1 | 02/15/10 | JK | SM20 2540C |
| Sulfate | 172 | | mg/l | 5 | 02/12/10 16:42 | JML | EPA 300 |

MCL = Maximum Contamination Level (40 CFR 141)

Report of Analysis

| | |
|-----------------------------|-------------------------|
| Client Sample ID: FB:021110 | Date Sampled: 02/11/10 |
| Lab Sample ID: D11012-3 | Date Received: 02/11/10 |
| Matrix: DW - Drinking Water | Percent Solids: n/a |
| Method: SW846 8021B | |
| Project: Schwake's Well A-2 | |

| Run # | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------|----|----------|----|-----------|------------|------------------|
| Run #1 | TA5009.D | 1 | 02/16/10 | SD | n/a | n/a | GTA272 |
| Run #2 | | | | | | | |

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

Purgeable Aromatics

| CAS No. | Compound | Result | MCL | RL | Units | Q |
|----------|--------------|--------|------|-----|-------|---|
| 71-43-2 | Benzene | ND | 5.0 | 1.0 | ug/l | |
| 108-88-3 | Toluene | ND | 1000 | 2.0 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 700 | 2.0 | ug/l | |
| | m,p-Xylene | ND | | 2.0 | ug/l | |
| 95-47-6 | o-Xylene | ND | | 2.0 | ug/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------|------------------------|--------|--------|---------|
| 120-82-1 | 1,2,4-Trichlorobenzene | 105% | | 60-140% |

ND = Not detected
MCL = Maximum Contamination Level (40 CFR 141)
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: | FB:021110 | Date Sampled: | 02/11/10 |
| Lab Sample ID: | D11012-3 | Date Received: | 02/11/10 |
| Matrix: | DW - Drinking Water | Percent Solids: | n/a |
| Project: | Schwake's Well A-2 | | |

General Chemistry

| Analyte | Result | MCL | Units | DF | Analyzed | By | Method |
|-------------------------|--------|-----|-------|----|----------------|-----|------------|
| Chloride | <0.50 | | mg/l | 1 | 02/12/10 12:11 | JML | EPA 300 |
| Solids, Total Dissolved | 14.0 | | mg/l | 1 | 02/15/10 | JK | SM20 2540C |
| Sulfate | <0.50 | | mg/l | 1 | 02/12/10 12:11 | JML | EPA 300 |

MCL = Maximum Contamination Level (40 CFR 141)



IT'S ALL IN THE CHEMISTRY

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



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: D11012
Account: ERMTTXH ERM
Project: Schwake's Well A-2

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| GTA272-MB | TA4993.D | 1 | 02/15/10 | SD | n/a | n/a | GTA272 |

The QC reported here applies to the following samples:

Method: SW846 8021B

D11012-1, D11012-2, D11012-3

| CAS No. | Compound | Result | RL | Units | Q |
|----------|--------------|--------|-----|-------|---|
| 71-43-2 | Benzene | ND | 1.0 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | ug/l | |
| 95-47-6 | o-Xylene | ND | 2.0 | ug/l | |
| | m,p-Xylene | ND | 2.0 | ug/l | |

| CAS No. | Surrogate Recoveries | Limits |
|----------|------------------------|--------------|
| 120-82-1 | 1,2,4-Trichlorobenzene | 106% 60-140% |

5.1.1



Blank Spike Summary

Job Number: D11012
 Account: ERMTXHX ERM
 Project: Schwake's Well A-2

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-----------|----------|----|----------|----|-----------|------------|------------------|
| GTA272-BS | TA4994.D | 1 | 02/15/10 | SD | n/a | n/a | GTA272 |

5.2.1
5

The QC reported here applies to the following samples:

Method: SW846 8021B

D11012-1, D11012-2, D11012-3

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|----------|--------------|------------|----------|-------|--------|
| 71-43-2 | Benzene | 27.2 | 25.8 | 95 | 70-130 |
| 100-41-4 | Ethylbenzene | 45.6 | 43.9 | 96 | 70-130 |
| 108-88-3 | Toluene | 212 | 190 | 90 | 70-130 |
| 95-47-6 | o-Xylene | 65.9 | 65.0 | 99 | 70-130 |
| | m,p-Xylene | 150 | 144 | 96 | 70-130 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|----------|------------------------|------|---------|
| 120-82-1 | 1,2,4-Trichlorobenzene | 128% | 60-140% |

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D11012
 Account: ERMTTXH ERM
 Project: Schwake's Well A-2

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|----------|----|----------|----|-----------|------------|------------------|
| D11039-IMS | TA4996.D | 1 | 02/16/10 | SD | n/a | n/a | GTA272 |
| D11039-IMSD | TA4997.D | 1 | 02/16/10 | SD | n/a | n/a | GTA272 |
| D11039-1 | TA4995.D | 1 | 02/15/10 | SD | n/a | n/a | GTA272 |

5.3.1
5

The QC reported here applies to the following samples:

Method: SW846 8021B

D11012-1, D11012-2, D11012-3

| CAS No. | Compound | D11039-1 ug/l | Spike Q ug/l | MS ug/l | MS % | MSD ug/l | MSD % | RPD | Limits Rec/RPD |
|----------|--------------|------------------|--------------------|------------|---------|-------------|----------|-----|-------------------|
| 71-43-2 | Benzene | ND | 27.2 | 28.9 | 106 | 28.3 | 104 | 2 | 70-130/30 |
| 100-41-4 | Ethylbenzene | 142 | 45.6 | 183 | 90 | 182 | 88 | 1 | 62-130/30 |
| 108-88-3 | Toluene | 3.6 | 212 | 197 | 91 | 195 | 90 | 1 | 70-130/30 |
| 95-47-6 | o-Xylene | 8.1 | 65.9 | 72.8 | 98 | 74.9 | 101 | 3 | 63-130/30 |
| | m,p-Xylene | 45.6 | 150 | 190 | 90 | 188 | 95 | 1 | 70-134/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | D11039-1 | Limits |
|----------|------------------------|---------|---------|----------|---------|
| 120-82-1 | 1,2,4-Trichlorobenzene | 330%* a | 331%* a | 320%* a | 60-140% |

(a) Outside control limits due to matrix interference.



IT'S ALL IN THE CHEMISTRY

General Chemistry

6

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: D11012
Account: ERMTXK - ERM
Project: Schwake's Well A-2

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|-------------------------|---------------|-------|--------------|-------|-----------------|---------------|---------------|--------------|
| Chloride | GP1468/GN3233 | 0.50 | 0.0 | mg/l | 20 | 18.8 | 94.0 | 90-110% |
| Nitrogen, Nitrate | GP1468/GN3233 | 0.010 | 0.0 | mg/l | 4.52 | 4.4 | 97.4 | 90-110% |
| Phosphate, Ortho | GP1468/GN3233 | 0.065 | 0.0 | mg/l | 9.78 | 9.6 | 98.1 | 90-110% |
| Solids, Total Dissolved | GN3227 | 10 | 8.0 | mg/l | 400 | 412 | 103.0 | 90-110% |
| Sulfate | GP1468/GN3233 | 0.50 | 0.0 | mg/l | 30 | 29.4 | 98.0 | 90-110% |

Associated Samples:

Batch GN3227: D11012-1, D11012-2, D11012-3

Batch GP1468: D11012-1, D11012-2, D11012-3

(*) Outside of QC limits

6.1
6

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D11012
Account: ERMTXK - ERM
Project: Schwake's Well A-2

| Analyte | Batch ID | QC Sample | Units | Original Result | DUP Result | RPD | QC Limits |
|-------------------------|----------|-----------|-------|-----------------|------------|------|-----------|
| Solids, Total Dissolved | GN3227 | D11012-1 | mg/l | 850 | 840 | 1.02 | 0-25% |

Associated Samples:
Batch GN3227: D11012-1, D11012-2, D11012-3
(*) Outside of QC limits

6.2

6

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D11012
Account: ERMTXK - ERM
Project: Schwake's Well A-2

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|-------------------|---------------|-----------|-------|-----------------|--------------|-----------|-------|-----------|
| Chloride | GP1468/GN3233 | D11006-1 | mg/l | 4.0 | 5 | 9.0 | 100.0 | 80-120% |
| Nitrogen, Nitrate | GP1468/GN3233 | D11006-1 | mg/l | 0.12 | 1.13 | 1.2 | 95.6 | 80-120% |
| Phosphate, Ortho | GP1468/GN3233 | D11006-1 | mg/l | 0.0 | 1.63 | 1.5 | 92.0 | 80-120% |
| Sulfate | GP1468/GN3233 | D11006-1 | mg/l | 19.0 | 5 | 24.0 | 100.0 | 80-120% |

Associated Samples:

Batch GP1468: D11012-1, D11012-2, D11012-3

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

6.3
6

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D11012
Account: ERMITXH - ERM
Project: Schwake's Well A-2

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MSD Result | RPD | QC Limit |
|-------------------|---------------|-----------|-------|-----------------|--------------|------------|-----|----------|
| Chloride | GP1468/GN3233 | D11006-1 | mg/l | 4.0 | 5 | 8.9 | 1.1 | 20% |
| Nitrogen, Nitrate | GP1468/GN3233 | D11006-1 | mg/l | 0.12 | 1.13 | 1.3 | 8.0 | 20% |
| Phosphate, Ortho | GP1468/GN3233 | D11006-1 | mg/l | 0.0 | 1.63 | 1.5 | 0.0 | 20% |
| Sulfate | GP1468/GN3233 | D11006-1 | mg/l | 19.0 | 5 | 23.9 | 0.4 | 20% |

Associated Samples:

Batch GP1468: D11012-1, D11012-2, D11012-3

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

5.4
6