

Attachment #1  
**PUBLIC WATER SUPPLY**  
FOLDER LEVEL

WS PWS #: 1050134

File Type: ANALYSIS CHEMICAL

Volume: 001

Inclusive Dates: 1/1/2005 - 12/31/2006

**Media Code/ Form**

- ☐ Microfiche
- ☒ Roll Microfilm
- ☒ Electronic Image

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**Texas Department of State Health Services  
Laboratory Services Section****NITRATE  
Analysis Report**

Submitter Identification Number: 1050134

SIERRA WEST SUBDIVISION  
1421 WELLS BRANCH PKWY STE 105  
PFLUGERVILLE, TX 78660-3230

Date Reported: 11/21/2006

Lab Sample ID# : AA03583  
TCEQ ID# : 0610657  
Sample Priority : RoutineWater Source : Ground  
Entry Point : 001Date Collected : 11/02/2006  
Date Received : 11/03/2006

| Analyte      | Result | Unit | Method    | Date Analyzed | Analyst |
|--------------|--------|------|-----------|---------------|---------|
| Nitrate as N | 0.04   | mg/L | EPA 353.2 | 11/06/2006    | JG      |

**Comments:**

Approved By : LMCELHANEY Approval Date: 11/13/2006

RECEIVED  
FEB 21 2007  
TCEQ  
CENTRAL FILE ROOM



NO3  
ANNUAL

# Public Water System Water Analysis

PWS / 1050134 / CA

TCEQ SAMPLE ID #: 0610657

SIERRA WEST SUBDIVISION

WATER SYSTEM ID #: 1050134

Name: STEVE BLACKHURST REGULATORY & COMPL

DATE/TIME COLLECTED: 11/02/06 14:41  
Month Day Year Military Time

Address 1: 1221 WELLS BRANCH PKWY STE 105

SAMPLE: ☒ Routine ☐ Quarterly ☐ Priority (2 wk) ☐ Emergency 24 hr / 48 hr

Address 2: PFLUGERVILLE, TX 78660-3230

WATER SOURCE: ☒ Ground ☐ Surface ☐ GUI ☐ Blended ☐ New Source

City, State, Zip

SIERRA WEST SUBDIVISION (Use field report for address changes)

SAMPLING LOCATION:

[ ] SOURCE (WELL): Source Code: \_\_\_\_\_

Source Location: \_\_\_\_\_

[ ] DISTRIBUTION: Location: \_\_\_\_\_

☒ ENTRY POINT(S): Plant: PLANT

Tap Location: GST, PT, OR SP

Name

Address 1: 1221 WELLS BRANCH PKWY STE 105

Address 2: PFLUGERVILLE, TX 78660-3230

City, State, Zip

(List each E.P. & corresponding TCEQ ID # in this sample in the box below)

| TCEQ SAMPLE ID #     | EP | EP | EP | EP | EP |
|----------------------|----|----|----|----|----|
| 001<br>EP<br>0610657 |    |    |    |    |    |

Use for locational composites only

Water analyses are required by law (30 TAC 290). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees.

Signature (Water System Representative)

Print Name

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality (512) 239-4691 • (<http://www.tceq.state.tx.us>)

REGION #: 11 CHLORINE RESIDUAL: 1.38 ☒ Free ☐ Total  
TAP FLUSHING: 1435 START 1440 END 1442 TEMP.

FILTRATES: START END AIR TEMP H<sub>2</sub>O TEMP  
pH TURBIDITY LAST RAINFALL

Signature (Sampling Technician)

Print Name

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM (Check only one test)

1 [ ] ALL MINERALS 1 QT PLASTIC 150.1, 300.0  
Cl, F, NO<sub>3</sub>, SO<sub>4</sub>, pH, Cond, T-P Alk, HCO<sub>3</sub>, CO<sub>3</sub>, TDS  
SM 2501B, SM 2520B  
Iced, 7 Day Hold Time

1A [ ] NITRATE / NITRITE 100 mL PLASTIC 353.2, 300.0  
Iced, 48 Hour Hold Time, < 0.2 mg/L chlorine

1C ☒ NITRATE 100 mL PLASTIC 300.0  
Iced, 14 Day Hold Time, ≥ 0.2 mg/L chlorine

2 [ ] ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1  
No Field Preservation, 14 Day Hold Time

2A [ ] METALS 14 GROUP (ICP) 1 QT PLASTIC 200.8, 200.7  
Al, Be, Ba, Cr, Cu, Fe, Pb, Mn, Ni, Na, Ag, Zn, Ca, Mg  
No Field Preservation, 14 Day Hold Time

[ ] SINGLE METAL 1 QT PLASTIC 200.8, 200.7, 245.1  
Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Ag, Tl, Zn  
Se, Na, (Hardness Ca, Mg)

ONLY  
No Field Preservation, 14 Day Hold Time

8 [ ] SEMIVOLATILES (SOC5) 1 QT GLASS 525.2  
Sodium Sulfite, HCl, Iced, 14 day Hold Time

13 [ ] VOC 2-40 mL GLASS 524.2  
& Field Blank  
Ascorbic Acid, HCl, Iced, 14 Day Hold Time

14 [ ] TRIHALOMETHANES 2-40 mL GLASS 502.2  
Sodium Thiosulfate, Iced, 14 Day Hold Time

18 [ ] HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2  
Ammonium Chloride, Iced, 14 Day Hold Time

16 [ ] RADIOCHEMICAL GRAB 1 GAL PLASTIC 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time

16 [ ] RADIOCHEMICAL COMPOSITE 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time  
[ ] 1 OF 4 [ ] 2 OF 4 [ ] 3 OF 4 [ ] 4 OF 4  
1 GAL PLASTIC 1 QT PLASTIC 1 QT PLASTIC 1 QT PLASTIC

[ ] OTHER  
[ ] None [ ] Sodium Sulfite [ ] Iced [ ] Other:

COMMENTS: NO3 < 2

AA03583 11/03/2006

LAB NAME:

INORGANICS  
NITRATE

DATE RECEIVED: NOV 3 2006

DATE REPORTED:

VEILLOW Sample

WT



VOC  
ANNUAL

Public Water System Water Analysis

PWS / 1050134 / CA

TCEQ SAMPLE ID #: 0520452



BILL TO:

REPORT TO:

SIERRA WEST SUBDIVISION

Name: **STEVE BLACKHURST REGULATORY & COMPL**

Address 1: **1421 WELLS BRANCH PKWY STE 105**

Address 2: **PFLUGERVILLE, TX 786803230**

City, State, Zip

(Use Field Report for address changes)

SIERRA WEST SUBDIVISION

Name

Address 1: **1421 WELLS BRANCH PKWY STE 105**

Address 2: **PFLUGERVILLE, TX 786803230**

City, State, Zip

(List each E.P. & corresponding TCEQ ID # in this sample in the box below)

WATER SYSTEM ID #: 1050134

DATE/TIME COLLECTED: 09 / 15 / 05 12:41  
Month Day Year Military Time

SAMPLE: ☒ Routine ☐ Quarterly ☐ Priority (2 wk) ☐ Emergency 24 hr / 48 hr

WATER SOURCE: ☒ Ground ☐ Surface ☐ GUI ☐ Blended ☐ New Source

SAMPLING LOCATION:

☐ SOURCE (WELL): Source Code:

Source Location:

☐ DISTRIBUTION: Location:

☒ ENTRY POINT(S): Plant: **PLANT**

**GST, PT, OR SP**

Tap Location:

RECEIVED

DEC 02 2005

TCEQ  
CENTRAL FILE ROOM

EP 001

0520452

TCEQ SAMPLE ID #

EP

EP

EP

EP

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

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Signature (Water System Representative)

Print Name

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality (512) 239-4691 • (<http://www.tceq.state.tx.us>)

REGION #: 11 CHLORINE RESIDUAL: 1.60 ☒ Free ☐ Total

TAP FLUSHING: 1234 START 1239 END 312/30 TEMP.

FILTRATES: START END AIR TEMP H<sub>2</sub>O TEMP

pH TURBIDITY LAST RAINFALL

Signature (Sampling Technician)

Print Name

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM (Check only one test)

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0  
Cl, F, NO<sub>3</sub>, SO<sub>4</sub>, pH, Cond, T-P Alk, HCO<sub>3</sub>, CO<sub>3</sub>, TDS  
SM 2501B, SM 2520B  
Iced, 7 Day Hold Time

1A ☐ NITRATE / NITRITE 100 mL PLASTIC 353.2, 300.0  
Iced, 48 Hour Hold Time, < 0.2 mg/L chlorine

1C ☐ NITRATE 100 mL PLASTIC 300.0  
Iced, 14 Day Hold Time, ≥ 0.2 mg/L chlorine

2 ☐ ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1  
No Field Preservation, 14 Day Hold Time

2A ☐ METALS 14 GROUP (ICP) 1 QT PLASTIC 200.8, 200.7  
Al, Ba, Ca, Cr, Cu, Fe, Pb, Mn, Ni, Na, Ag, Zn, Cd, Mg  
No Field Preservation, 14 Day Hold Time

☐ SINGLE METAL 1 QT PLASTIC 200.8, 200.7, 245.1  
Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Ag, Ti, Zn  
Se, Na, (Hardness Ca, Mg)

ONLY

No Field Preservation, 14 Day Hold Time

8 ☐ SEMIVOLATILES (SOCs) 1 QT GLASS 525.2  
Sodium Sulfite, HCl, Iced, 14 day Hold Time

13 ☒ VOC 2-40 mL GLASS 524.2  
& Field Blank  
Ascorbic Acid, HCl, Iced, 14 Day Hold Time

14 ☐ TRIHALOMETHANES 2-40 mL GLASS 502.2  
Sodium Thiosulfate, Iced, 14 Day Hold Time

18 ☐ HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2  
Ammonium Chloride, Iced, 14 Day Hold Time

16 ☐ RADIOCHEMICAL GRAB 1 GAL PLASTIC 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time

16 ☐ RADIOCHEMICAL COMPOSITE 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time  
☐ 1 OF 4 ☐ 2 OF 4 ☐ 3 OF 4 ☐ 4 OF 4  
1 GAL PLASTIC 1 QT PLASTIC 1 QT PLASTIC 1 QT PLASTIC

☐ OTHER  
☐ None ☐ Sodium Sulfite ☐ Iced ☐ Other:

COMMENTS: PARTIALLY VULNERABLE W/OUT DETECTS

LABORATORY USE ONLY

LAB ID #:

EP5 25859

LAB NAME:

DATE RECEIVED:

SEP 16 2005

DATE REPORTED:

SEP 29 2005

WHITE - Lab

YELLOW - Sampler

PINK - Contractor

GOLDENROD - Water System

WZ

TEXAS DEPARTMENT OF STATE HEALTH SERVICES  
VOLATILE ORGANIC COMPOUNDS by GC/MS

Submitter Number TX1050134  
TDH Sample Number EP525859  
Method: EPA 524.2 rev. 4.1  
Data File Number: 0921-114.D  
Q.C. File: OV010921.S  
Sample Type: Water

Date Collected: 09/15/2005  
Date Extracted: 09/21/2005  
Date Analyzed: 09/21/2005  
Analyst: M. Kabay  
Dilution Factor: 1  
Concentration Units: µg/l

| <u>Regulated Cmpds. [40 CFR §141.61(a)]</u> | <u>Result</u> |
|---------------------------------------------|---------------|
| Benzene                                     | <0.5          |
| Carbon tetrachloride                        | <0.5          |
| Chlorobenzene                               | <0.5          |
| 1,2-Dichlorobenzene                         | <0.5          |
| 1,4-Dichlorobenzene                         | <0.5          |
| 1,2-Dichloroethane                          | <0.5          |
| 1,1-Dichloroethene                          | <0.5          |
| cis-1,2-Dichloroethene                      | <0.5          |
| trans-1,2-Dichloroethene                    | <0.5          |
| 1,2-Dichloropropane                         | <0.5          |
| Methylene chloride (DCM)                    | <0.5          |
| Ethylbenzene                                | <0.5          |
| Styrene                                     | <0.5          |
| Tetrachloroethene                           | <0.5          |
| Toluene                                     | <0.5          |
| 1,2,4-Trichlorobenzene                      | <0.5          |
| 1,1,1-Trichloroethane                       | <0.5          |
| 1,1,2-Trichloroethane                       | <0.5          |
| Trichloroethene                             | <0.5          |
| Vinyl chloride                              | <0.5          |
| m&p-Xylene                                  | <1.0          |
| o-Xylene                                    | <0.5          |

| <u>Monitored Cmpds. [40 CFR §141.40(e)]</u> | <u>Result</u> |
|---------------------------------------------|---------------|
| Chloroform                                  | <0.5          |
| Bromodichloromethane                        | 0.6           |
| Dibromochloromethane                        | 0.7           |
| Bromoform                                   | <0.5          |
| Dibromomethane                              | <1.0          |
| 1,3-Dichlorobenzene                         | <1.0          |
| 1,1-Dichloropropene                         | <1.0          |
| 1,1-Dichloroethane                          | <1.0          |
| 1,1,2,2-Tetrachloroethane                   | <1.0          |
| 1,3-Dichloropropane                         | <1.0          |
| Chloromethane                               | <2.0          |
| Bromomethane                                | <2.0          |
| 1,2,3-Trichloropropane                      | <1.0          |
| 1,1,1,2-Tetrachloroethane                   | <1.0          |
| Chloroethane                                | <2.0          |
| 2,2-Dichloropropane                         | <1.0          |
| 2-Chlorotoluene                             | <1.0          |
| 4-Chlorotoluene                             | <1.0          |
| Bromobenzene                                | <1.0          |
| cis-1,3-Dichloropropene                     | <1.0          |
| trans-1,3-Dichloropropene                   | <1.0          |

| <u>D Screened Compounds</u> | <u>Result</u> |
|-----------------------------|---------------|
| 1,2-Dibromo-3-chloropropane | <1.0          |
| 1,2-Dibromoethane           | <1.0          |

D EPA 524.2 is not the approved method for analysis of these compounds. Compounds are listed per TCEQ request.

| <u>Monitored Cmpds. [40 CFR §141.40(j)]</u> | <u>Result</u> |
|---------------------------------------------|---------------|
| 1,2,4-Trimethylbenzene                      | <1.0          |
| 1,2,3-Trichlorobenzene                      | <1.0          |
| n-Propylbenzene                             | <1.0          |
| n-Butylbenzene                              | <1.0          |
| Naphthalene                                 | <1.0          |
| Hexachlorobutadiene                         | <1.0          |
| 1,3,5-Trimethylbenzene                      | <1.0          |
| 4-Isopropyltoluene                          | <1.0          |
| Isopropylbenzene                            | <1.0          |
| t-Butylbenzene                              | <1.0          |
| s-Butylbenzene                              | <1.0          |
| Trichlorofluoromethane                      | <2.0          |
| Dichlorodifluoromethane                     | <2.0          |
| Bromochloromethane                          | <1.0          |

| <u>Other Compounds</u>      | <u>Result</u> |
|-----------------------------|---------------|
| Acetone                     | <10           |
| Acrylonitrile               | <10           |
| 2-Butanone (MEK)            | <10           |
| Carbon disulfide            | <1.0          |
| Ethyl methacrylate          | <1.0          |
| 2-Hexanone                  | <1.0          |
| Iodomethane                 | <2.0          |
| Methyl methacrylate         | <1.0          |
| 4-Methyl-2-pentanone (MIBK) | <2.0          |
| Methyl-t-butyl ether (MTBE) | <2.0          |
| Tetrahydrofuran             | <2.0          |
| Vinyl acetate               | <10           |

Tentative identification of the largest non-priority pollutant peaks is provided by comparison with the EPA/NIH mass spectral library. Approximate quantitation is performed using internal standards and an assumed response factor of one.

| <u>Tentative Compound ID</u> | <u>Result</u> |
|------------------------------|---------------|
| None                         |               |

Comments:



VOC  
ANNUAL

Public Water System Water Analysis

PWS / 1050134 / CA

TCEQ SAMPLE ID #: **0520452**



SIERRA WEST SUBDIVISION

Name  
**STEVE BLACKHURST REGULATORY & COMPL**  
Address 1  
**1421 WELLS BRANCH PKWY STE 105**  
Address 2  
**PFLUGERVILLE, TX 786603230**  
City, State, Zip

(Use Field Report for address changes)

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Address 1  
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Address 2  
**PFLUGERVILLE, TX 786603230**  
City, State, Zip

(List each E.P. & corresponding TCEQ ID # in this sample in the box below)

WATER SYSTEM ID #: **1050134**

DATE/TIME COLLECTED: **09** **15** **05** **12:41**  
Month Day Year Military Time

SAMPLE: ☒ Routine ☐ Quarterly ☐ Priority (2 wk) ☐ Emergency 24 hr / 48 hr

WATER SOURCE: ☒ Ground ☐ Surface ☐ GUI ☐ Blended ☐ New Source

SAMPLING LOCATION:

☐ SOURCE (WELL): Source Code: \_\_\_\_\_

Source Location: \_\_\_\_\_

☐ DISTRIBUTION: Location: \_\_\_\_\_

☒ ENTRY POINT(S): Plant: **PLANT**

Tap Location: **GST, PT, OR SP**

EP **001**  
**0520452**

TCEQ SAMPLE ID #

EP \_\_\_\_\_

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EP \_\_\_\_\_

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EP \_\_\_\_\_

TCEQ SAMPLE ID #

EP \_\_\_\_\_

TCEQ SAMPLE ID #

Use for locational composites only

Water analyses are required by law (30 TAC 290). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees.

Signature (Water System Representative)

Print Name

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality (512) 239-4691 • (<http://www.tceq.state.tx.us>)

REGION #: **11** CHLORINE RESIDUAL: **1.60** ☒ Free ☐ Total

TAP FLUSHING: **1234** START **1239** END **312/30** TEMP.

FILTRATES: \_\_\_\_\_ START \_\_\_\_\_ END \_\_\_\_\_ AIR TEMP \_\_\_\_\_ H<sub>2</sub>O TEMP \_\_\_\_\_

pH \_\_\_\_\_ TURBIDITY \_\_\_\_\_ LAST RAINFALL \_\_\_\_\_

Signature (Sampling Technician)

Print Name

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM (Check only one test)

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0  
Cl, F, NO<sub>3</sub>, SO<sub>4</sub>, pH, Cond, T-P Alk, HCO<sub>3</sub>, CO<sub>3</sub>, TDS  
SM 2501B, SM 2520B  
Iced, 7 Day Hold Time  
1A ☐ NITRATE / NITRITE 100 mL PLASTIC 353.2, 300.0  
Iced, 48 Hour Hold Time, < 0.2 mg/L chlorine  
1C ☐ NITRATE 100 mL PLASTIC 300.0  
Iced, 14 Day Hold Time, ≥ 0.2 mg/L chlorine

2 ☐ ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1  
No Field Preservation, 14 Day Hold Time  
2A ☐ METALS 14 GROUP (ICP) 1 QT PLASTIC 200.8, 200.7  
Al, Be, Ba, Cr, Cu, Fe, Pb, Mn, Ni, Na, Ag, Zn, Ca, Mg  
No Field Preservation, 14 Day Hold Time  
☐ SINGLE METAL 1 QT PLASTIC 200.8, 200.7, 245.1  
Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Ag, Ti, Zn  
Se, Na, (Hardness Ca, Mg)  
\_\_\_\_\_  
ONLY  
No Field Preservation, 14 Day Hold Time

8 ☐ SEMIVOLATILES (SOC5) 1 QT GLASS 525.2  
Sodium Sulfite, HCl, Iced, 14 day Hold Time

13 ☒ VOC 2-40 mL GLASS 524.2  
& Field Blank  
Ascorbic Acid, HCl, Iced, 14 Day Hold Time

14 ☐ TRIHALOMETHANES 2-40 mL GLASS 502.2  
Sodium Thiosulfate, Iced, 14 Day Hold Time

18 ☐ HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2  
Ammonium Chloride, Iced, 14 Day Hold Time

16 ☐ RADIOCHEMICAL GRAB 1 GAL PLASTIC 900.0, 904.0 903.1  
No Field Preservation, 5 Day Hold Time SM 7500-UC

16 ☐ RADIOCHEMICAL COMPOSITE 900.0, 904.0 903.1  
No Field Preservation, 5 Day Hold Time SM 7500-UC  
☐ 1 OF 4 ☐ 2 OF 4 ☐ 3 OF 4 ☐ 4 OF 4  
1 GAL PLASTIC 1 QT PLASTIC 1 QT PLASTIC 1 QT PLASTIC

☐ OTHER \_\_\_\_\_  
☐ None ☐ Sodium Sulfite ☐ Iced ☐ Other: \_\_\_\_\_

COMMENTS: **PARTIALLY VULNERABLE W/OUT DETECTS**

LABORATORY USE ONLY

LAB ID #: **EP5 25858** LAB NAME: \_\_\_\_\_ DATE RECEIVED: **SEP 16 2005** DATE REPORTED: **SEP 29 2005**

WHITE - Lab

YELLOW - Sampler

PINK - Contractor

GOLDENROD - Water System



HAA5  
(SUM)

Public Water System Water Analysis

PWS / 1050134 / CA

TCEQ SAMPLE ID #: 0520453



SIERRA WEST SUBDIVISION

Name  
**STEVE BLACKHURST REGULATORY & COMPL**

Address 1  
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Address 2  
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(List each E.P. & corresponding TCEQ ID # in this sample in the box below)

WATER SYSTEM ID #: 1050134

DATE/TIME COLLECTED: 09 11 05 12:24  
Month Day Year Military Time

SAMPLE: [X] Routine [ ] Quarterly [ ] Priority (2 wk) [ ] Emergency 24 hr / 48 hr

WATER SOURCE: [X] Ground [ ] Surface [ ] GUI [ ] Blended [ ] New Source

SAMPLING LOCATION:

[ ] SOURCE (WELL): Source Code: \_\_\_\_\_

Source Location: \_\_\_\_\_

[X] DISTRIBUTION: Location: NSA 195 1/2 mile crossing

[ ] ENTRY POINT(S): Plant: \_\_\_\_\_

Tap Location: \_\_\_\_\_

OCT 06 2005

TCEQ  
CENTRAL FILE ROOM

EP

EP

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EP

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

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Print Name

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REGION #: 11 CHLORINE RESIDUAL: 1.91 [X] Free [ ] Total

TAP FLUSHING: 1217 START 1222 END 3:30 PM TEMP.

FILTRATES: START END AIR TEMP H<sub>2</sub>O TEMP

pH TURBIDITY LAST RAINFALL

Signature (Sampling Technician)

Print Name

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM (Check only one test)

1 [ ] ALL MINERALS 1 QT PLASTIC 150.1, 300.0  
Cl, F, NO<sub>3</sub>, SO<sub>4</sub>, pH, Cond, T-P Alk, HCO<sub>3</sub>, CO<sub>3</sub>, TDS  
SM 2501B, SM 2520B  
Iced, 7 Day Hold Time

1A [ ] NITRATE / NITRITE 100 mL PLASTIC 353.2, 300.0  
Iced, 48 Hour Hold Time, < 0.2 mg/L chlorine

1C [ ] NITRATE 100 mL PLASTIC 300.0  
Iced, 14 Day Hold Time, ≥ 0.2 mg/L chlorine

2 [ ] ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1  
No Field Preservation, 14 Day Hold Time

2A [ ] METALS 14 GROUP (ICP) 1 QT PLASTIC 200.8, 200.7  
Al, Be, Ba, Cr, Cu, Fe, Pb, Mn, Ni, Na, Ag, Zn, Ca, Mg  
No Field Preservation, 14 Day Hold Time

[ ] SINGLE METAL 1 QT PLASTIC 200.8, 200.7, 245.1  
Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Ag, Ti, Zn  
Se, Na, (Hardness Ca, Mg)

ONLY

No Field Preservation, 14 Day Hold Time

8 [ ] SEMIVOLATILES (SOC5) 1 QT GLASS 525.2  
Sodium Sulfite, HCl, Iced, 14 day Hold Time

13 [ ] VOC 2-40 mL GLASS 524.2  
& Field Blank  
Ascorbic Acid, HCl, Iced, 14 Day Hold Time

14 [ ] TRIHALOMETHANES 2-40 mL GLASS 502.2  
Sodium Thiosulfate, Iced, 14 Day Hold Time

18 [X] HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2  
Ammonium Chloride, Iced, 14 Day Hold Time

16 [ ] RADIOCHEMICAL GRAB 1 GAL PLASTIC 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time

16 [ ] RADIOCHEMICAL COMPOSITE 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time  
[ ] 1 OF 4 [ ] 2 OF 4 [ ] 3 OF 4 [ ] 4 OF 4  
1 GAL PLASTIC 1 QT PLASTIC 1 QT PLASTIC 1 QT PLASTIC

[ ] OTHER

[ ] None [ ] Sodium Sulfite [ ] Iced [ ] Other:

COMMENTS:

\* Fill in Distribution Location

LABORATORY USE ONLY

LAB NAME: SEP 16 2005

LAB ID #: EP5 25735

DATE RECEIVED:

DATE REPORTED: SEP 26 2005

WJ

1100 W 49th Street  
Austin TX 78756

**Texas Department of State Health Services**  
**Haloacetic Acids GC Results**

Contact: Carl Hogberg  
(512) 458-7318

Submitter Sample Number 1050134  
TDH Sample Name EP5-25785  
Method 552.2  
Data File Name 09200020.D  
QC File C:\MSDCHEM\2\DATA\O19P0920\  
Sample Type Water

Date Collected 9/15/2005  
Date Extracted 9/19/2005  
Date Analyzed 9/21/2005 12:57  
Analyst FBabazadeh  
Dilution Factor 1  
Concentration Units µg/L

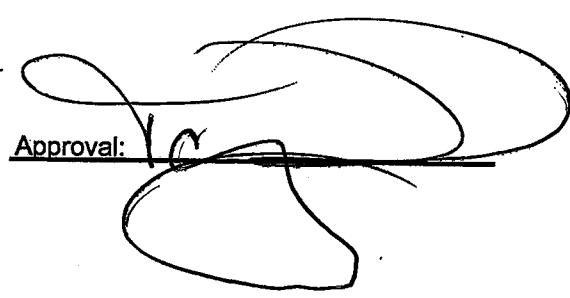
| Regulated Compounds:      | Result:        |
|---------------------------|----------------|
| Monochloroacetic acid     | <2.0           |
| Dichloroacetic acid       | <1.0           |
| Trichloroacetic acid      | <1.0           |
| Monobromoacetic acid      | <1.0           |
| <u>Dibromoacetic acid</u> | <u>&lt;1.0</u> |
| Total:                    | <6.0           |

**Monitor Compounds:**

|                        |      |
|------------------------|------|
| Bromochloroacetic acid | <1.0 |
| Dalapon                | <1.0 |

Comments:

Rev #5 9/04

Approval: 

SEP 26 2005





TTHM  
(SUM)

# Public Water System Water Analysis

PWS / 1050134 / CA

TCEQ SAMPLE ID #: **0520454**



## SIERRA WEST SUBDIVISION

Name

**STEVE BLACKHURST REGULATORY & COMPL**

Address 1

**1421 WELLS BRANCH PKWY STE 105**

Address 2

**PFLUGERVILLE, TX 78603230**

City, State, Zip

(Use Field Report for address changes)

## SIERRA WEST SUBDIVISION

Name

Address 1

**1421 WELLS BRANCH PKWY STE 105**

Address 2

**PFLUGERVILLE, TX 78603230**

City, State, Zip

(List each E.P. & corresponding TCEQ ID # in this sample in the box below)

WATER SYSTEM ID #: **1050134**

DATE/TIME COLLECTED: **09** / **15** / **05** **12:23**  
Month Day Year Military Time

SAMPLE: ☒ Routine ☐ Quarterly ☐ Priority (2 wk) ☐ Emergency 24 hr / 48 hr

WATER SOURCE: ☒ Ground ☐ Surface ☐ GUI ☐ Blended ☐ New Source

### SAMPLING LOCATION:

☐ SOURCE (WELL): Source Code: \_\_\_\_\_

Source Location: \_\_\_\_\_

☒ DISTRIBUTION: Location: **NSA 195 York & Crossing**

☐ ENTRY POINT(S): Plant: \_\_\_\_\_

Tap Location: \_\_\_\_\_

EP

EP

EP

EP

EP

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

RECEIVED

Water analyses are required by law (30 TAC 290). I acknowledge that the sampling technician has been accompanied during sampling and that the sample has been collected from the correct location indicated on this form. Water systems are responsible for all laboratory fees.

Signature (Water System Representative)

Print Name

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality (512) 239-4891 • (<http://www.tceq.state.tx.us>)

REGION #: **11** CHLORINE RESIDUAL: **7.51** TCEQ Free ☐ Total ☐

TAP FLUSHING: **1217** START **1222** END **312/05** TEMP. **72.0**

FILTRATES: START END AIR TEMP H<sub>2</sub>O TEMP

pH TURBIDITY LAST RAINFALL

Signature (Sampling Technician)

Print Name

### EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM (Check only one test)

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0  
Cl, F, NO<sub>3</sub>, SO<sub>4</sub>, pH, Cond, T-P Alk, HCO<sub>3</sub>, CO<sub>3</sub>, TDS  
Iced, 7 Day Hold Time

1A ☐ NITRATE / NITRITE 100 mL PLASTIC 353.2, 300.0  
Iced, 48 Hour Hold Time, < 0.2 mg/L chlorine

1C ☐ NITRATE 100 mL PLASTIC 300.0  
Iced, 14 Day Hold Time, ≥ 0.2 mg/L chlorine

2 ☐ ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1  
No Field Preservation, 14 Day Hold Time

2A ☐ METALS 14 GROUP (ICP) 1 QT PLASTIC 200.8, 200.7  
Al, Be, Ba, Cr, Cu, Fe, Pb, Mn, Ni, Na, Ag, Zn, Ca, Mg  
No Field Preservation, 14 Day Hold Time

☐ SINGLE METAL 1 QT PLASTIC 200.8, 200.7, 245.1  
Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Ag, Tl, Zn, Se, Na, (Hardness Ca, Mg)

ONLY

No Field Preservation, 14 Day Hold Time

8 ☐ SEMIVOLATILES (SOCs) 1 QT GLASS 525.2  
Sodium Sulfite, HCl, Iced, 14 day Hold Time

13 ☐ VOC 2-40 mL GLASS 524.2  
& Field Blank  
Ascorbic Acid, HCl, Iced, 14 Day Hold Time

14 ☒ TRIHALOMETHANES 2-40 mL GLASS 502.2  
Sodium Thiosulfate, Iced, 14 Day Hold Time

18 ☐ HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2  
Ammonium Chloride, Iced, 14 Day Hold Time

16 ☐ RADIOCHEMICAL GRAB 1 GAL PLASTIC 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time

16 ☐ RADIOCHEMICAL COMPOSITE 900.0, 904.0 903.1  
SM 7500-UC  
No Field Preservation, 5 Day Hold Time  
☐ 1 OF 4 ☐ 2 OF 4 ☐ 3 OF 4 ☐ 4 OF 4  
1 GAL PLASTIC 1 QT PLASTIC 1 QT PLASTIC 1 QT PLASTIC

☐ OTHER

☐ None ☐ Sodium Sulfite ☐ Iced ☐ Other: \_\_\_\_\_

COMMENTS:

\* Fill in Distribution Location

### LABORATORY USE ONLY

LAB NAME: \_\_\_\_\_

LAB ID #:

**EP5 25819**

DATE RECEIVED:

**SEP 16 2005**

DATE REPORTED:

**SEP 20 2005**

WHITE - Lab

YELLOW - Sampler

PINK - Contractor

GOLDENROD - Water System

WI

1100 W. 49th Street  
Austin, TX 78758

# Department of State Health Services Trihalomethanes by GC-ELCD

Contact: Carl Hogberg  
(512)458-7318

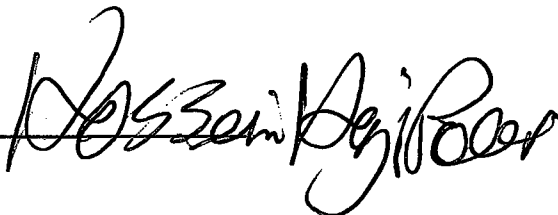
Submitter ID: 1050134  
DSHS Lab ID: EP05-25819  
Method: EPA 502.2 Rev. 2.1 (THM)  
Data File: 09160009.D  
QC File: C:\MSDCHEM\1\DATA\IO03G0916  
Sample Type: Water

Date Collected: 9/15/2005  
Date Prepared: 9/16/2005  
Date Analyzed: 9/16/2005 15:00  
Analyst: LZhong  
Dilution Factor: 1  
Concentration Units: µg/l

| Compound:            | Result: |
|----------------------|---------|
| Chloroform           | < 2.0   |
| Bromodichloromethane | < 2.0   |
| Dibromochloromethane | < 2.0   |
| Bromoform            | < 2.0   |
| Total THM's          | < 8.0   |

COMMENTS:

Rev. 5 (9/04) Agilent 6890N US10342117

Approval: 

SEP 19 2005



Texas Department of State Health Services

1100 WEST 49TH STREET  
AUSTIN, TEXAS 78756-3194  
(512) 458-7318

LABORATORY SERVICES SECTION  
CLIA #45D0660644

CONFIDENTIAL LABORATORY REPORT  
LEAD/COPPER LAB ANALYSIS

*PWS 1050134*  
SUBMITTER IDENTIFICATION NUMBER: 1050134

*CA*

SIERRA WEST SUBDIVISION

1421 WELLS BRANCH PKWY STE 105  
PFLUGERVILLE TX 78660-

Action Levels: Lead(Pb) = 0.015 mg/L

Copper(Cu) = 1.300 mg/L

LAB NUMBER: 050001210      SAMPLE NUMBER: 5      Year: 05      Period: 1  
LEAD SERVICE LINE: N      COPPER PLUMBING W/ LEAD JOINTS: N  
DATE RECEIVED: 6/3/2005      COLLECTION DATE: 06/01/2005  
COLLECTION ADDRESS: 538 YORKS XING

ANALYZED: 06/06/2005      LEAD (Pb) RESULTS: 0.0033 mg/L  
ANALYZED: 06/06/2005      COPPER (Cu) RESULTS: 0.0035 mg/L

RECEIVED  
JUL 01 2005  
TCEQ  
CENTRAL FILE ROOM

Call 1-800-824-7303 to request new sample bottle(s) for any  
rejected sample(s) or any unable to conduct analysis



Texas Department of State Health Services

1100 WEST 49TH STREET  
AUSTIN, TEXAS 78756-3194  
(512) 458-7318

LABORATORY SERVICES SECTION  
CLIA #45D0660644

CONFIDENTIAL LABORATORY REPORT  
LEAD/COPPER LAB ANALYSIS

PWS 1050134

CA

SUBMITTER IDENTIFICATION NUMBER: 1050134

SIERRA WEST SUBDIVISION

1421 WELLS BRANCH PKWY STE 105  
PFLUGERVILLE TX 78660-

RECEIVED  
JUL 01 2005  
TCEQ  
CENTRAL FILE ROOM

Action Levels: Lead(Pb) = 0.015 mg/L

Copper(Cu) = 1.300 mg/L

LAB NUMBER: 050001167 SAMPLE NUMBER: 1 Year: 05 Period: 1  
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N  
DATE RECEIVED: 5/27/05 COLLECTION DATE: 05/24/2005  
COLLECTION ADDRESS: 233 MARIGOLD

ANALYZED: 06/02/2005 LEAD (Pb) RESULTS: 0.0017 mg/L  
ANALYZED: 06/02/2005 COPPER (Cu) RESULTS: 0.0537 mg/L

LAB NUMBER: 050001168 SAMPLE NUMBER: 2 Year: 05 Period: 1  
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N  
DATE RECEIVED: 5/27/05 COLLECTION DATE: 05/23/2005  
COLLECTION ADDRESS: 210 PENTA

ANALYZED: 06/02/2005 LEAD (Pb) RESULTS: 0.0040 mg/L  
ANALYZED: 06/02/2005 COPPER (Cu) RESULTS: 0.0573 mg/L

LAB NUMBER: 050001169 SAMPLE NUMBER: 3 Year: 05 Period: 1  
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N  
DATE RECEIVED: 5/27/05 COLLECTION DATE: 05/23/2005  
COLLECTION ADDRESS: 425 HONEYCOMB

ANALYZED: 06/02/2005 LEAD (Pb) RESULTS: 0.0047 mg/L  
ANALYZED: 06/02/2005 COPPER (Cu) RESULTS: 0.0113 mg/L

LAB NUMBER: 050001170 SAMPLE NUMBER: 4 Year: 05 Period: 1  
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N  
DATE RECEIVED: 5/27/05 COLLECTION DATE: 05/23/2005  
COLLECTION ADDRESS: 838 MOSS ROSE

ANALYZED: 06/02/2005 LEAD (Pb) RESULTS: 0.0030 mg/L  
ANALYZED: 06/02/2005 COPPER (Cu) RESULTS: 0.0261 mg/L

Call 1-800-824-7303 to request new sample bottle(s) for any  
rejected sample(s) or any unable to conduct analysis