

Attachment #1
PUBLIC WATER SUPPLY
FOLDER LEVEL

WS PWS #: 1550044

File Type: ANALYSIS CHEMICAL

Volume: 001

Inclusive Dates: 2002
1/1/1999 - 12/31/2004

Media Code/ Form

- ☐ Microfiche
☒ Roll Microfilm
☒ Electronic Image

Files appearing on this roll of microfilm/ electronic image were filmed/ scanned as received and per instructions from the Texas Commission on Environmental Quality's Records Management Coordinator, Kate Fitzpatrick.

Box Barcode:



HAA5(4THQ)



Public Water System Water Analysis

PWS / 1550044 / CA

REPORT TO: 0329195 Check if New Address

TCEQ SAMPLE ID # 0329195

SPRING VALLEY WSC

Name
KEN MAYS PRESIDENTAddress 1
PO BOX 399Address 2
LORENA TX 766550000

City, State, Zip

BILL TO: (If other than above)

SPRING VALLEY WSC

Name
PO BOX 399Address 1
LORENA TX 766550000

Address 2

City, State, Zip

WATER SYSTEM ID NO: 1550044

DATE/TIME COLLECTED: 11/2/04 10:09
Month Day Year Military Time

SAMPLE: [] Routine [] Check [X] Quarterly (detect) [] Priority [] Emergency

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

SAMPLING LOCATION:

[] SOURCE: Source Name: _____

[X] DISTRIBUTION: Location: 445 Dubant Ln

[] ENTRY POINT(S): Plant: Plant

1

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

FROM 001

0329195

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

Water analyses are required by law (30 TAC 290). I acknowledge that the sampler 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 lab fees.

Signature (Water System Representative)
Russell JuddPrint Name
Russell Judd

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

REGION NO: 9 CHLORINE RESIDUAL: 1.38 [] Free [X] Total

WELL FLUSHING: 10:00 START 10:05 END 17:05 TEMP. 25

FILTRATES: START END AIR TEMP H2O TEMP

pH TURB LAST RAINFALL

Signature (Sampling Technician)

Print Name
Blake FordRECEIVED
MAR 1 2005TCEQ
CENTRAL FILE ROOM

LABORATORY

LAB No.

EP4 27143

LAB NAME:

DATE RECEIVED:

DEC 15 2004

DATE REPORTED:

DEC 28 2004

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

1 [] ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, 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)
No Field Preservation, 14 Day Hold Time

[] _____ ONLY

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 [] Sodium Thiosulfate [] Other: _____

COMMENTS:

WHITE - Lab

YELLOW - Sampler

PINK - Contractor

GOLDENROD - Water System

WI

100 W 49th Street
Austin TX 78756

Texas Department of State Health Services
Haloacetic Acids GC Results

Contact: Carl Hogberg
(512) 458-7552

Submitter Sample Number 1550044
TDH Sample Name EP4-27143
Method 552.2
Data File Name 12200022.D
QC File C:\MSDCHEM\2\DATA\O17P1220\
Sample Type Water

Date Collected 12/10/2004
Date Extracted 12/20/2004
Date Analyzed 12/21/2004 7:38
Analyst FBabazadeh
Dilution Factor 1
Concentration Units µg/L

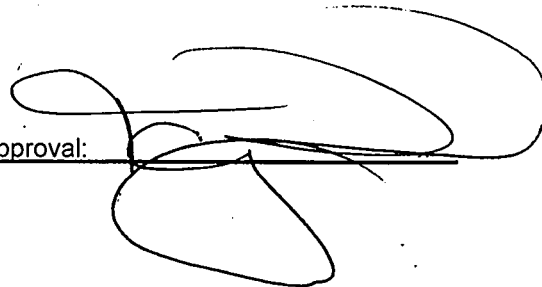
Regulated Compounds:	Result:
Monochloroacetic acid	3.5
Dichloroacetic acid	24.1
Trichloroacetic acid	10.3
Monobromoacetic acid	<1.0
<u>Dibromoacetic acid</u>	<u>2.6</u>
Total:	40.5

Monitor Compounds:

Bromochloroacetic acid	10.6
Dalapon	<1.0

Comments:

Rev #5 9/04 HP6890N SNus10321029

Approval: 

DEC 23 2004



THM(4THQ)



Public Water System Water Analysis

PWS / 1550044 / CA

REPORT TO: 0329200 Check if New Address

TCEQ SAMPLE ID # 0329200

SPRING VALLEY WSC

Name

KEN MAYS

PRESIDENT

Address 1

PO BOX 399

Address 2

LORENA

TX

766550000

City, State, Zip

BILL TO: (If other than above)

SPRING VALLEY WSC

Name

PO BOX 399

Address 1

LORENA

TX

766550000

Address 2

City, State, Zip

WATER SYSTEM ID NO:

1550044

DATE/TIME COLLECTED:

12
Month10
Day04
Year10:07
Military TimeSAMPLE: ☐ Routine ☐ Check ☒ Quarterly (detect) ☐ Priority ☐ EmergencySOURCE: ☐ Ground ☒ Surface ☐ GUI ☐ Blended ☐ New Source

SAMPLING LOCATION:

☐ SOURCE: Source Name:☒ DISTRIBUTION: Location:

445 Robert Ln

☐ ENTRY POINT(S): Plant:

Plant

1

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

FROM 001

0329200

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

TCEQ SAMPLE ID #

Water analyses are required by law (30 TAC 290). I acknowledge that the sampler 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 lab fees.

Russell Judd
Signature (Water System Representative)

Russell Judd
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 (<http://www.tceq.state.tx.us>)

REGION NO: 9 CHLORINE RESIDUAL: 1.38 ☐ Free ☒ Total

WELL FLUSHING: 10:00 START 10:05 END 170/180 TEMP.

FILTRATES: START END AIR TEMP H2O TEMP

pH TURB LAST RAINFALL

Signature (Sampling Technician)

Print Name

LABORA

LAB NAME:

LAB No.

EP4 27118

DATE RECEIVED:

DEC 15 2004

DATE REPORTED:

DEC 21 2004

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, 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)

No Field Preservation, 14 Day Hold Time

☐ ONLY

8 ☐ SEMIVOLATILES (SOC6) 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 ☐ Sodium Thiosulfate ☐ Other:

COMMENTS:

WHITE - Lab

YELLOW - Sampler

PINK - Contractor

GOLDENROD - Water System

WI

1100 W. 49th Street
Austin, TX 78756

Department of State Health Services
Trihalomethanes by GC-ELCD

Contact: Carl Hogberg
(512)458-7552

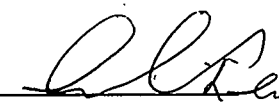
Submitter ID: 1550044
DSHS Lab ID: EP04-27118
Method: EPA 502.2 Rev. 2.1 (THM)
Data File: 12160013.D
QC File: C:\MSDCHEM\1\DATA\O04G1216
Sample Type: Water

Date Collected: 12/10/2004
Date Prepared: 12/16/2004
Date Analyzed: 12/16/2004 15:44
Analyst: J. Obare
Dilution Factor: 1
Concentration Units: µg/l

Compound:	Result:
Chloroform	27.6
Bromodichloromethane	18.5
Dibromochloromethane	8.7
Bromoform	< 2.0
Total THM's	54.8

COMMENTS:

Rev. 5 (9/04) Agilent 6890N US10342116

Approval: 

DEC 20 2004

Kathleen Harnett White, *Chairman*
R.B. "Ralph" Marquez, *Commissioner*
Larry R. Soward, *Commissioner*
Glenn Shankle, *Executive Director*



1550044 / CA

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 31, 2004

Subject: New Drinking Water Chemical Sampling Contractor

Dear Water System Official:

The TCEQ wishes to announce the selection of Delta Environmental Consultants, Inc. (previously known as Applied Earth Sciences, Inc.) as the new contractor responsible for the collection of public drinking water chemical compliance samples. Delta Environmental Consultants has extensive experience in the area of environmental sampling and will be responsible for chemical sample collections beginning September 1, 2004, through August 31, 2007.

Our current contract with Texas Rural Water Association (TRWA) expires on August 31, 2004. All sample collections under the current contract with TRWA will be completed before that date.

In order to provide the new contractor with the most current contact information for your water system, we ask that you fill out the reverse side of this letter with the name and phone number of the individual that should be contacted to schedule sample collections. If the sample collection contact is different from the Responsible Official printed on the back of this letter, please fax the completed form immediately to 512-239-6050.

Please note that a water system representative will be required to accompany the sampler during all sample collections. This is to ensure that all samples are collected from the correct site(s) and to satisfy Homeland Security requirements. No exceptions will be made. If the sampler is not accompanied by a water system representative, the sampler will not collect samples, and as a result, your water system may incur a monitoring violation. Also, please make sure that your Monitoring Plan is up-to-date and readily available at the time of sample collection. The sampler may ask to review your Monitoring Plan to confirm your sample sites.

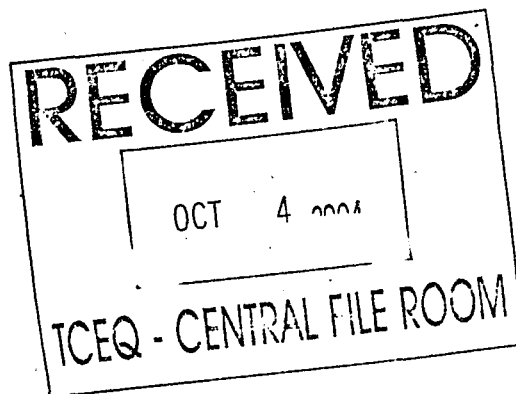
If you have any questions for the new contractor, you may contact the Program Manager, Eric W. Muehlberger, P.G., or the Project Manager, Greg Sengelmann, P.G., at 512-990-7467.

If you have any questions or concerns for the TCEQ, you may contact the Public Drinking Water Section at 512-239-4691.

Sincerely,

A handwritten signature in cursive script, reading "Buck Henderson", is written over a horizontal line.

Buck Henderson, Manager
Public Drinking Water Section
Water Supply Division



Water Supply Division
Public Drinking Water Section



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ

Please complete and fax to: 512-239-6050

SPRING VALLEY WSC

1550044

KEN MAYS
PO BOX 399
LORENA

TX 76655 *

*This is the name and address of the responsible official for your system. If this is not correct, please cross out the incorrect information and write in the correct information.

Chemical Sampling Contact Information:

Please fill in the name, phone number, fax number and email address (if available) of the person that the sampling contractor should contact to schedule your chemical compliance sample collection(s). Chemical compliance samples include: minerals, metals, volatile and synthetic organic chemicals, radio-chemicals and disinfection by-products. If the sampling contact is different from the listed Responsible Official, then please immediately fax the completed information to 512-239-6050. Thank you for your assistance.

☐ Check here if Sampling Contact is the same as the responsible official printed above.

Name: _____

Address Line 1: _____

Address Line 2: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

Fax: _____

.....



THM(3RDQ)

2CRA
Public Water System
Water Analysis

PWS/1550044/CA



TCEQ SAMPLE ID#: 0 3 2 9 1 9 9

REPORT TO: [] Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

WATER SYSTEM ID NO: 1 5 5 0 0 4 4

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 08 04 04 12:05
Month Day Year Military TimeSAMPLE: ☒ Routine [] Quarterly (detect) [] Priority (2-WK) [] Emergency (24/48-HR)SOURCE: ☒ Ground [] Surface [] GUI [] Blended [] New Source

SAMPLING LOCATION: [] RAW:

Site:

☒ DISTRIBUTION: Location:

OCT 4 2004

[] ENTRY POINT(S): Tap Location: 1

Plant:

Plant

TCEQ - CENTRAL FILE ROOM

FROM 0 0 1	POE	POE	POE	POE
0 3 2 9 1 9 9				
TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #

(Composite Samples: List each E.P. & corresponding TCEQ SAMPLE ID # in this sample in the box above)

Water analyses are required by law (30 TAC 290). I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

REGION NO: 9

CHLORINE RESIDUAL 1.8

Russell Judd
Signature (System Official)

Signature (TRWA Sampling Technician)

Russell Judd
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

Login Review
Date: 8/6/04
By: [Signature]

LABORATORY USE ONLY

32318

LAB NAME:

LCRA

Bud

Doc

LAB No.

0408153-001

DATE RECEIVED:

8-6-04 0800

DATE REPORTED:

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

1 [] ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P AR, HCO₃, CO₃, 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)
No Field Preservation, 14 Day Hold Time

[] ONLY

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

13 [] VOC 2-40 mL GLASS 524.2
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, 905.0
No Field Preservation, 5 Day Hold Time
903.1, 901.1, 906.0
SM 7500-UC

16 [] RADIOCHEMICAL COMPOSITE 900.0, 904.0, 905.0
No Field Preservation, 5 Day Hold Time
903.1, 901.1, 906.0
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 [] Sodium Thiosulfate [] Other:

WHITE - Lab

YELLOW - Sampler

PINK - TRWA

GOLDENROD - Water System

LCRA Environmental Laboratory Services

Date: 24-Aug-04

CLIENT: Spring Valley WSC
Lab Order: 0408153
Project: WS 1550044
Lab ID: 0408153-001
File No: 32318

Client Sample ID: NA
445 Bubert Ln.
Collection Date: 8/4/2004 12:05:00 PM
Matrix: DRINKING WATER
TCEQ Sample ID #: 0329199

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2			Analyst: KRD		
Chloroform	21.6			1.0	µg/L	1	28296	8/13/2004 10:58:00 PM
Bromodichloromethane	20.8			1.0	µg/L	1	28296	8/13/2004 10:58:00 PM
Dibromochloromethane	16.0			1.0	µg/L	1	28296	8/13/2004 10:58:00 PM
Bromoform	3.0			1.0	µg/L	1	28296	8/13/2004 10:58:00 PM
Total Trihalomethanes	61.5		80	1.0	µg/L	1	28296	8/13/2004 10:58:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit



TCEQ ID 0329197

THM(1STQ)

Public Water System
Water Analysis

PWS:1550044/CA

REPORT TO: ☐ Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Signature (System Official)

Print Name

WATER SYSTEM ID NO: 1 5 5 0 0 4 4

(Required)

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 02 17 04 11:35

Month

Day

Year

Military Time

SAMPLE: ☒ Routine ☐ Check ☐ Quarterly (detect) ☐ PrioritySOURCE: ☒ Ground ☐ Surface ☐ GUI ☒ Blended ☐ New Source

SAMPLING LOCATION:

☐ RAW; Source Name:☒ DISTRIBUTION; Location: #1 (BUBERT LN)☐ ENTRY POINT(S); (List each E.P. in this sample)

FROM

0 0 1

REGION NO: 9

CHLORINE RESIDUAL

1.5

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

28379

LAB NAME:

LCRB

LAB No.

0402231-02

DATE RECEIVED

2/18/04 1000

DATE REPORTED:

LOG IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 2/18/04 By: SS

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO3, SO4, pH, Cond, T-P Alk, HCO3, CO3, TDS SM 2501B, SM 2520B
Iced, 7 Day Hold Time1A ☐ NITRATE/NITRITE 100 mL PLASTIC 353.2, 300.0
Iced, 48 Hour Hold Time1C ☐ NITRATE 100 mL PLASTIC 300.0
Iced, 14 Day Hold Time2 ☐ ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1
No Field Preservation, 14 Day Hold Time2A ☐ 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)

No Field Preservation, 14 Day Hold Time

☐ ONLY16 ☐ RADIOCHEMICAL 1 GAL PLASTIC 900.0, 804.0 903.1
SM 7500-UC
No Field Preservation, 5 Day Hold Time17 ☐ ASBESTOS 1QT PLASTIC
Iced, 48 Hour Hold Time13 ☐ VOC 2-40 mL GLASS 524.2
Ascorbic Acid, HCl, Iced, 14 Day Hold Time14 ☒ TRIHALOMETHANES 2-40 mL GLASS 502.2 or 524.2
Sodium Thiosulfate, Iced, 14 Day Hold Time☐ MTHM - Potential 3-40 mL GLASS 502.2 or 524.2
No Field Preservation, 7 Day Hold Time18 ☐ HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2
Ammonium Chloride, Iced, 14 Day Hold Time4 ☐ INSECTICIDES (SOC1) 1 QT GLASS 505
Sodium Thiosulfate, Iced, 7 Day Hold Time6 ☐ HERBICIDES (SOC3) 500 mL GLASS 515.1
Sodium Thiosulfate, Iced, 14 Day Hold Time8 ☐ SEMIVOLATILES (SOC5) 1 QT GLASS 525.2
Sodium Sulfite, HCl, Iced, 14 day Hold Time☐ OTHER

LCRA Environmental Laboratory Services

Date: 27-Feb-04

CLIENT: Spring Valley WSC

Client Sample ID: NA

Lab Order: 0402231

File No: 28379

1- Bubert Ln

Project: WS 1550044

Collection Date: 2/17/2004 11:35:00 AM

Lab ID: 0402231-002

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2					
Chloroform	5.9		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Bromodichloromethane	8.9		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Dibromochloromethane	8.3		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Bromoform	4.0		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Total Trihalomethanes	27.1		80	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM

Analyst: JP



Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit



TCEQ ID 0329192

HAA5(1STQ)

Public Water System
Water Analysis

PWS/1550044/CA



REPORT TO: [] Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Russell Judd
Signature (System Official)Russell Judd
Print NameWATER SYSTEM ID NO: 1550044
(Required)

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 02/17/04 11:35
Month Day Year Military TimeSAMPLE: ☒ Routine [] Check [] Quarterly (detect) [] PrioritySOURCE: ☒ Ground [] Surface [] GUI ☒ Blended [] New Source

SAMPLING LOCATION:

[] RAW; Source Name:

☒ DISTRIBUTION; Location: # / (BUBERT LN)

[] ENTRY POINT(S); (List each E.P. in this sample)

FROM

001

REGION NO: 9

CHLORINE RESIDUAL

1.5

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

LAB No. 0402231-003

LAB NAME: LCRA

DATE RECEIVED: 2/18/04 1000

DATE REPORTED: FEB 27 2004

LOG IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 2/18/04 By: 88

1 [] ALL MINERALS Cl, F, NO ₃ , SO ₄ , pH, Cond, T-P Alk, HCO ₃ , CO ₃ , TDS Iced, 7 Day Hold Time	1 QT PLASTIC	150.1, 300.0 SM 2501B, SM 2520B
1A [] NITRATE/NITRITE Iced, 48 Hour Hold Time	100 mL PLASTIC	353.2, 300.0
1C [] NITRATE Iced, 14 Day Hold Time	100 mL PLASTIC	300.0

13 [] VOC Ascorbic Acid, HCl, Iced, 14 Day Hold Time	2-40 mL GLASS	524.2
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14 [] TRIHALOMETHANES Sodium Thiosulfate, Iced, 14 Day Hold Time	2-40 mL GLASS	502.2 or 524.2
[] MTHM - Potential No Field Preservation, 7 Day Hold Time	3-40 mL GLASS	502.2 or 524.2

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

18 [] HALOACETIC ACIDS (HAA) Ammonium Chloride, Iced, 14 Day Hold Time	2-60 mL GLASS	552.2
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4 [] INSECTICIDES (SOC1) Sodium Thiosulfate, Iced, 7 Day Hold Time	1 QT GLASS	505
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6 [] HERBICIDES (SOC3) Sodium Thiosulfate, Iced, 14 Day Hold Time	500 mL GLASS	515.1
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16 [] RADIOCHEMICAL No Field Preservation, 5 Day Hold Time	1 GAL PLASTIC	900.0, 804.0 903.1 SM 7500-UC
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8 [] SEMIVOLATILES (SOC5) Sodium Sulfite, HCl, Iced, 14 Day Hold Time	1 QT GLASS	525.2
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17 [] ASBESTOS Iced, 48 Hour Hold Time	1QT PLASTIC	
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[] OTHER _____		
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WHITE - Lab

YELLOW - Sampler

PINK - TRWA

GOLDENROD - Water System

LCRA Environmental Laboratory Services

Date: 27-Feb-04

CLIENT: Spring Valley WSC**Client Sample ID:** NA**Lab Order:** 0402231**File No:** 28379

1- Bubert Ln

Project: WS 1550044**Collection Date:** 2/17/2004 11:35:00 AM**Lab ID:** 0402231-003**Matrix:** DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
METHYL DERIVATIVES-HALOACETIC			E552.2			Analyst: MJS		
Chloroacetic acid	ND		0	5.0	µg/L	1	24290	2/24/2004 9:23:00 PM
Dichloroacetic acid	10.2		0	5.0	µg/L	1	24290	2/24/2004 9:23:00 PM
Trichloroacetic acid	ND		0	5.0	µg/L	1	24290	2/24/2004 9:23:00 PM
Bromoacetic acid	ND		0	5.0	µg/L	1	24290	2/24/2004 9:23:00 PM
Dibromoacetic acid	7.2		0	5.0	µg/L	1	24290	2/24/2004 9:23:00 PM
Total Regulated Haloacetic Acids	17.4		60	15.0	µg/L	1	24290	2/24/2004 9:23:00 PM
Bromochloroacetic acid	8.6		0	5.0	µg/L	1	24290	2/24/2004 9:23:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



HAA5(2NDQ)

Public Water System
Water Analysis

PWS/1550044/CA



TCEQ SAMPLE ID#:

0 3 2 9 1 9 3

REPORT TO: ☐ Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

WATER SYSTEM ID NO: 1 5 5 0 0 4 4

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 05 03 04 10:35
Month Day Year Military TimeSAMPLE: ☒ Routine ☐ Quarterly (detect) ☐ Priority (2-WK) ☐ Emergency (24/48-HR)SOURCE: ☒ Ground ☐ Surface ☐ GUI ☒ Blended ☐ New SourceSAMPLING LOCATION: ☐ RAW:

Site:

☒ DISTRIBUTION: Location: #1 (Babert Lane)☐ ENTRY POINT(S): Tap Location: 1

Plant:

FROM 0 0 1	POE	POE	POE	POE
0 3 2 9 1 9 3				
TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #

(Composite Samples: List each E.P. & corresponding TCEQ SAMPLE ID # in this sample in the box above)

Water analyses are required by law (30 TAC 290). I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

REGION NO: 9

CHLORINE RESIDUAL: 1.4

Signature (System Official)

Print Name

Signature (TRWA Sampling Technician)

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality

LABORATORY USE ONLY

29572

LAB NAME:

LCRA

LAB No.

0405065-002

DATE RECEIVED:

5/4/04

DATE REPORTED:

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORMS: 5/5/04 By: 127

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, 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)
No Field Preservation, 14 Day Hold Time

☐ ONLY

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

13 ☐ VOC 2-40 mL GLASS 524.2
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, 905.0
No Field Preservation, 5 Day Hold Time
903.1, 901.1, 906.0
SM 7500-UC

16 ☐ RADIOCHEMICAL COMPOSITE 900.0, 904.0, 905.0
No Field Preservation, 5 Day Hold Time
903.1, 901.1, 906.0
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 ☐ Sodium Thiosulfate ☐ Other:

WHITE - Lab

YELLOW - Sampler

PINK - TRWA

GOLDENROD - Water System

LCRA Environmental Laboratory Services

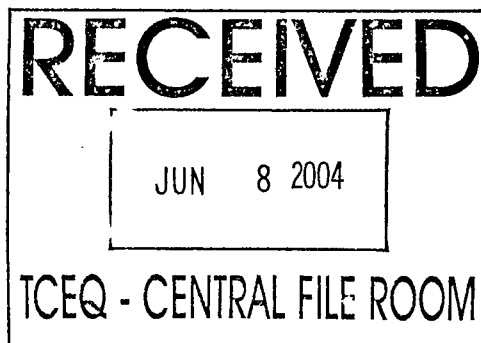
Date: 13-May-04

CLIENT: Spring Valley WSC**Client Sample ID:** NA**Lab Order:** 0405065**File No:** 29572

#1 445 Bubert Lane

Project: WS 1550044**Collection Date:** 5/3/2004 10:35:00 AM**Lab ID:** 0405065-002**Matrix:** DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
METHYL DERIVATIVES-HALOACETIC			E552.2			Analyst: MJS		
Chloroacetic acid	16.4			5.0	µg/L	1	25963	5/11/2004 7:25:00 PM
Dichloroacetic acid	13.3			5.0	µg/L	1	25963	5/11/2004 7:25:00 PM
Trichloroacetic acid	5.3			5.0	µg/L	1	25963	5/11/2004 7:25:00 PM
Bromoacetic acid	ND			5.0	µg/L	1	25963	5/11/2004 7:25:00 PM
Dibromoacetic acid	9.7			5.0	µg/L	1	25963	5/11/2004 7:25:00 PM
Total Regulated Haloacetic Acids	44.7		60	5.0	µg/L	1	25963	5/11/2004 7:25:00 PM
Bromochloroacetic acid	10.7			5.0	µg/L	1	25963	5/11/2004 7:25:00 PM



Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



THM(2NDQ)

Public Water System Water Analysis

PWS/1550044/CA

TCEQ SAMPLE ID#: 0329198REPORT TO: ☐ Check if New AddressWATER SYSTEM ID NO: 1550044NAME OF WATER SYSTEM: SPRING VALLEY WSCSPRING VALLEY WSC

Name

DATE/TIME COLLECTED: 05 03 04 10:35
Month Day Year Military Time

Address 1

SAMPLE: ☒ Routine ☐ Quarterly (detect) ☐ Priority {2-WK} ☐ Emergency {24/48-HR}PO BOX 399

Address 2

SOURCE: ☒ Ground ☐ Surface ☐ GUI ☒ Blended ☐ New SourceLORENA, TX 76655

City, State, Zip

SAMPLING LOCATION: ☐ RAW: _____

BILL TO: (If other than above)

Site: _____

Name

☒ DISTRIBUTION: Location: #1 (BUBERT LANE)

Address 1

☐ ENTRY POINT(S): Tap Location: 1

Address 2

Plant: Plant

City, State, Zip

FROM <u>001</u>	POE <u> </u>	POE <u> </u>	POE <u> </u>	POE <u> </u>
<u>0329198</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #

(Composite Samples: List each E.P. & corresponding TCEQ SAMPLE ID # in this sample in the box above)

Water analyses are required by law (30 TAC 290). I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

REGION NO: 9 CHLORINE RESIDUAL 1.4

Signature (System Official)

Signature (TRWA Sampling Technician)

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

LABORATORY USE ONLY

29572LAB NAME: LCRALAB No. 0405065-001DATE RECEIVED: 5/4/04 0800

DATE REPORTED: _____

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

LOG-IN REVIEW

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, 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

13 ☐ VOC Date: 5/5/04
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, 905.0
No Field Preservation, 5 Day Hold Time
903.1, 901.1, 906.0
SM 7500-UC

16 ☐ RADIOCHEMICAL COMPOSITE 900.0, 904.0, 905.0
No Field Preservation, 5 Day Hold Time
903.1, 901.1, 906.0
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

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)
No Field Preservation, 14 Day Hold Time

☐ _____ ONLY

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

☐ OTHER _____
☐ None ☐ Sodium Sulfite ☐ Sodium Thiosulfate ☐ Other: _____

WHITE - Lab

YELLOW - Sampler

PINK - TRWA

GOLDENROD - Water System

Final Analysis Report

LCRA Environmental Laboratory Services

Date: 13-May-04

CLIENT: Spring Valley WSC

Client Sample ID: NA

Lab Order: 0405065

File No: 29572

#1 445 Bubert Lane

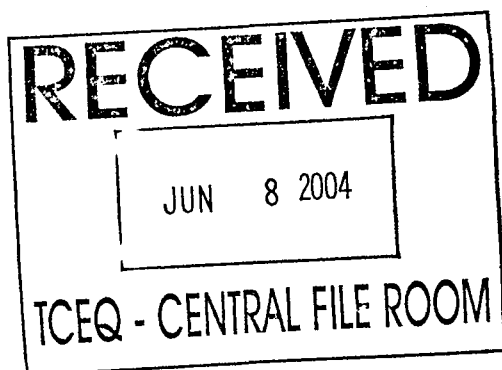
Project: WS 1550044

Collection Date: 5/3/2004 10:35:00 AM

Lab ID: 0405065-001

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2			Analyst: CO		
Chloroform	12.7			1.0	µg/L	1	25875	5/6/2004 2:19:00 PM
Bromodichloromethane	16.5			1.0	µg/L	1	25875	5/6/2004 2:19:00 PM
Dibromochloromethane	14.3			1.0	µg/L	1	25875	5/6/2004 2:19:00 PM
Bromoform	3.5			1.0	µg/L	1	25875	5/6/2004 2:19:00 PM
Total Trihalomethanes	47.0		80	1.0	µg/L	1	25875	5/6/2004 2:19:00 PM



Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit

TEXAS DEPARTMENT OF HEALTH
BUREAU OF LABORATORIES
WATER ANALYSIS REPORT

Submitter Identification Number: 1550044

SPRING VALLEY WSC

PO BOX 399
LORENA, TX 76655-0000

Laboratory Number: EP403914

Date Collected: 02/17/2004

Sample Type:

Date Received: 02/20/2004

Sample Source: LKL 2

Date Reported: 03/10/2004

Entry Points: 001

Collector Remarks:

Constituent Name		Result	Units	+/-
Aluminum		0.0329	mg/l	
Arsenic	<	0.0020	mg/l	
Barium		0.0511	mg/l	
Cadmium	<	0.0010	mg/l	
Calcium		46.60	mg/l	
Chromium	<	0.0100	mg/l	
Copper		0.0578	mg/l	
Iron	<	0.010	mg/l	
Lead	<	0.0010	mg/l	
Magnesium		8.90	mg/l	
Manganese	<	0.0020	mg/l	
Mercury	<	0.0004	mg/l	
Nickel		0.0015	mg/l	
Selenium	<	0.0030	mg/l	
Silver	<	0.0100	mg/l	
Sodium		18.40	mg/l	
Antimony	<	0.0030	mg/l	
Beryllium	<	0.0010	mg/l	
Thallium	<	0.0010	mg/l	
Zinc		0.0148	mg/l	
Total Hardness as CaCO3		153.	mg/l	



TCEQ ID 032919

THM(1STQ)

Public Water System
Water Analysis

PWS:1550044/CA

REPORT TO: ☐ Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Signature (System Official)

Print Name

WATER SYSTEM ID NO: 1 5 5 0 0 4 4
(Required)

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 02 17 04 11:35
Month Day Year Military TimeSAMPLE: ☒ Routine ☐ Check ☐ Quarterly (detect) ☐ PrioritySOURCE: ☒ Ground ☐ Surface ☐ GUI ☒ Blended ☐ New Source

SAMPLING LOCATION:

☐ RAW; Source Name:☒ DISTRIBUTION; Location: #1 (BUBERT LN)☐ ENTRY POINT(S); (List each E.P. in this sample)

FROM 0 0 1

REGION NO: 9

CHLORINE RESIDUAL 1.5

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

LAB No. 0402231-00

LAB NAME: LCRB

DATE RECEIVED 2/18/04

DATE REPORTED FEB 27 2004

LOG IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 2/18/04 By: 8

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, TDS
Iced, 7 Day Hold Time1A ☐ NITRATE/NITRITE 100 mL PLASTIC 353.2, 300.0
Iced, 48 Hour Hold Time1C ☐ NITRATE 100 mL PLASTIC 300.0
Iced, 14 Day Hold Time2 ☐ ALL METALS 1 QT PLASTIC 200.8, 200.7, 245.1
No Field Preservation, 14 Day Hold Time2A ☐ 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)

No Field Preservation, 14 Day Hold Time

☐ ONLY16 ☐ RADIOCHEMICAL 1 GAL PLASTIC 900.0, 804.0 903.1
SM 7500-UC
No Field Preservation, 5 Day Hold Time17 ☐ ASBESTOS 1QT PLASTIC
Iced, 48 Hour Hold Time13 ☐ VOC 2-40 mL GLASS 524.2
Ascorbic Acid, HCl, Iced, 14 Day Hold Time14 ☒ TRIHALOMETHANES 2-40 mL GLASS 502.2 or 524.2
Sodium Thiosulfate, Iced, 14 Day Hold Time
☐ MTHM - Potential 3-40 mL GLASS 502.2 or 524.2
No Field Preservation, 7 Day Hold Time18 ☐ HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2
Ammonium Chloride, Iced, 14 Day Hold Time4 ☐ INSECTICIDES (SOC1) 1 QT GLASS 505
Sodium Thiosulfate, Iced, 7 Day Hold Time6 ☐ HERBICIDES (SOC3) 500 mL GLASS 515.1
Sodium Thiosulfate, Iced, 14 Day Hold Time8 ☐ SEMIVOLATILES (SOC5) 1 QT GLASS 525.2
Sodium Sulfite, HCl, Iced, 14 day Hold Time☐ OTHER

WHITE - Lab

YELLOW - Sampler

PINK - TRWA

GOLDENROD - Water System

LCRA Environmental Laboratory Services

Date: 27-Feb-04

CLIENT: Spring Valley WSC**Client Sample ID:** NA**Lab Order:** 0402231**File No:** 28379

1- Bubert Ln

Project: WS 1550044**Collection Date:** 2/17/2004 11:35:00 AM**Lab ID:** 0402231-002**Matrix:** DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2			Analyst: JP		
Chloroform	5.9		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Bromodichloromethane	8.9		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Dibromochloromethane	8.3		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Bromoform	4.0		0	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM
Total Trihalomethanes	27.1		80	1.0	µg/L	1	24258	2/18/2004 9:30:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



NO3

Public Water System Water Analysis

PWS/1550044/CA



TCEQ SAMPLE ID#: 0329196

REPORT TO: [] Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

WATER SYSTEM ID NO: 1550044

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 02/17/04 11:15
Month Day Year Military TimeSAMPLE: ☒ Routine [] Quarterly (detect) [] Priority (2-Wk) [] Emergency (24/48-HR)SOURCE: ☒ Ground [] Surface [] GUI ☒ Blended [] New Source

SAMPLING LOCATION: [] RAW:

Site:

[] DISTRIBUTION: Location:

ENTRY POINT(S): Tap Location: 2113 PM

Plant: Plant

POE 001	POE	POE	POE	POE
0329196				
TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #

(Composite Samples: List each E.P. & corresponding TCEQ SAMPLE ID # in this sample in the box above)

Water analyses are required by law (30 TAC 290). I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Signature (System Official) Russell Judd

Print Name Russell Judd

REGION NO: 9 CHLORINE RESIDUAL 2.1

Signature (TRWA Sampling Technician)

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality

LABORATORY USE ONLY

LAB No. 0402231-01

LAB NAME: LCRA

DATE RECEIVED: 2/18/04

DATE REPORTED: 02

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 2/18/04 By: [Signature]

1 [] ALL MINERALS Cl, F, NO3, SO4, pH, Cond, T-P Alk, HCO3, CO3, TDS Iced, 7 Day Hold Time	1 QT PLASTIC SM 2501B, SM 2520B	150.1, 300.0
1A [] NITRATE/NITRITE Iced, 48 Hour Hold Time, < 0.2 mg/L chlorine	100 mL PLASTIC	353.2, 300.0
1C ☒ NITRATE Iced, 14 Day Hold Time, ≥ 0.2 mg/L chlorine	100 mL PLASTIC	300.0

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

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

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

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

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

16 [] RADIOCHEMICAL GRAB No Field Preservation, 5 Day Hold Time	1 GAL PLASTIC	900.0, 904.0, 905.0 903.1, 901.1, 906.0 SM 7500-UC
---	---------------	--

16 [] RADIOCHEMICAL COMPOSITE No Field Preservation, 5 Day Hold Time	1 GAL PLASTIC	900.0, 904.0, 905.0 903.1, 901.1, 906.0 SM 7500-UC
[] 1 OF 4 1 GAL PLASTIC	[] 2 OF 4 1 QT PLASTIC	[] 3 OF 4 1 QT PLASTIC
[] 4 OF 4 1 QT PLASTIC		

[] OTHER _____
[] None [] Sodium Sulfite [] Sodium Thiosulfate [] Other: _____

WHITE - Lab

YELLOW - Sampler

PINK - TRWA

GOLDENROD - Water System

Final Analysis Report

LCRA Environmental Laboratory Services

Date: 27-Feb-04

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0402231

File No: 28379

Project: WS 1550044

Collection Date: 2/17/2004 11:15:00 AM

Lab ID: 0402231-001

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY								
Nitrogen, Nitrate (As N)	0.32		10	0.01	mg/L	1	24274	2/23/2004 9:14:49 PM
								Analyst: WR

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit



NO3

Public Water System
Water Analysis

F 1550044/CA



TCEQ SAMPLE ID#:

0329196

REPORT TO: [] Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

WATER SYSTEM ID NO: 1550044

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 02/17/04 11:15
Month Day Year Military TimeSAMPLE: ☒ Routine [] Quarterly (detect) [] Priority (2-WK) [] Emergency (24/48-HR)SOURCE: ☒ Ground [] Surface [] GUI ☒ Blended [] New Source

SAMPLING LOCATION: [] RAW:

Site:

[] DISTRIBUTION: Location:

☒ ENTRY POINT(S): Tap Location: 3113 PM

Plant: Plant

POE 001	POE	POE	POE	POE
0329196				
TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #	TCEQ SAMPLE ID #

(Composite Samples: List each E.P. & corresponding TCEQ SAMPLE ID # in this sample in the box above)

Water analyses are required by law (30 TAC 290). I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

REGION NO: 9

CHLORINE RESIDUAL 2.1

Russell Judd
Signature (System Official)

Len Blodau
Signature (TRWA Sampling Technician)

Instructions for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Commission on Environmental Quality

Russell Judd
Print Name

LABORATORY USE ONLY

28379

LAB NAME:

LCRA

LAB No. 0402231-0A

DATE RECEIVED:

2/18/04 1000

DATE REPORTED:

FEB 27 2004

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 2/18/04

By: 8

1 [] ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO3, SO4, pH, Cond, T-P Alk, HCO3, CO3, 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)

No Field Preservation, 14 Day Hold Time

[] ONLY

8 [] SEMIVOLATILES (SOC5) 1 QT GLASS 525.2

Sodium Sulfite, HCl, Iced, 14 day Hold Time

WHITE - Lab

YELLOW - Sampler

13 [] VOC 2-40 mL GLASS 524.2

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, 905.0

No Field Preservation, 5 Day Hold Time 903.1, 901.1, 906.0
SM 7500-UC

16 [] RADIOCHEMICAL COMPOSITE 900.0, 904.0, 905.0

No Field Preservation, 5 Day Hold Time 903.1, 901.1, 906.0
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 [] Sodium Thiosulfate [] Other:

PINK - TRWA

GOLDENROD - Water System

Final Analysis Report

LCRA Environmental Laboratory Services

Date: 27-Feb-04

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0402231

File No: 28379

Project: WS 1550044

Collection Date: 2/17/2004 11:15:00 AM

Lab ID: 0402231-001

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
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ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: WR

Nitrogen, Nitrate (As N)

0.32

10

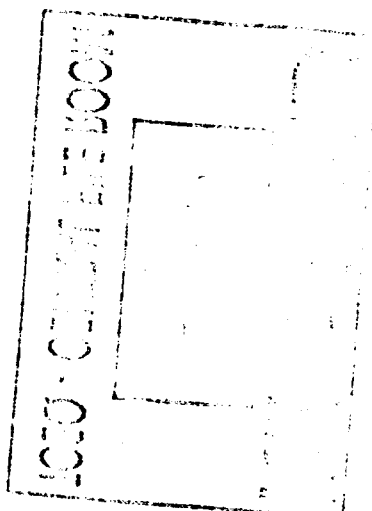
0.01

mg/L

1

24274

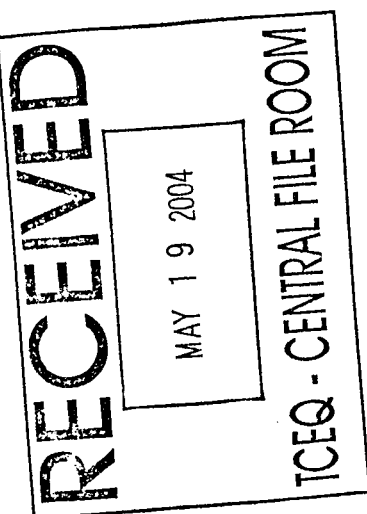
2/23/2004 9:14:49 PM



Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit





PWS/1550044/CA

November 06, 2003

Water Utilities Official
Spring Valley WSC
P.O. Box 399
Lorena, Texas 76655-3105

TEL:
FAX

RE: WS 1550044
Order No. 0306391

On 6/27/2003 8:00:00 AM, LCRA Environmental Laboratory Services (ELS) received 2 samples for analyses under Order No. 0306391.

The following revised report provides results related only to the sample(s) as received for the above referenced order number. The results were derived in accordance with the referenced methods, unless otherwise noted. The Case Narrative provides explanations for all revisions and, if applicable, any deviations from the methods.

We recently discovered an error which caused nitrate analysis for some samples to exceed hold time standards rendering those results invalid. We immediately implemented corrective actions to prevent reoccurrence. The Public Drinking Water Section of the Texas Commission on Environmental Quality (TCEQ) is aware of the error. Only those nitrate analyses which did not meet the standard are invalid as noted in the attached Case Narrative. We will credit your account for any affected analysis and if TCEQ requires re-sampling of your system for nitrate analysis, we will incur any associated costs.

If you have questions regarding your compliance status, please contact Debra Cerda (512-239-6045) or Gary Regner (512-239-4528) at TCEQ. ELS will not reproduce this report, except in full, and with written authorization from the client. We apologize for any inconvenience and thank you for your understanding in this matter.

Sincerely,

Sandra Green
Project Manager

LCRA Environmental Laboratory Services

Date: 06-Nov-03

CLIENT: Spring Valley WSC

Project: WS 1550044

Lab Order: 0306391

CASE NARRATIVE

Analytical Comments for METHOD 300_W, SAMPLE 0306391-01A: Nitrate result is qualified with an "H" flag, indicating the analysis was performed after the regulatory holding time expired, and is therefore regarded as invalid. The data is provided for informational purposes only.

Final Analysis Report

LCRA Environmental Laboratory Services

Date: 06-Nov-03

CLIENT:	Spring Valley WSC	Client Sample ID:	001
Lab Order:	0306391	File No:	25218
Project:	WS 1550044	Collection Date:	6/25/2003 10:20:00 AM
Lab ID:	0306391-01	Matrix:	DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
HARDNESS			M2340 B					Analyst: MLP
Hardness, Calcium/Magnesium (As CaCO ₃)	135			1.32	mg/L	1	20493	7/1/2003
ANIONS BY ION CHROMATOGRAPHY			E300					Analyst: WR
Chloride	31.0		250	1.00	mg/L	1	20690	7/14/2003 8:19:54 PM
Fluoride	0.16		4	0.01	mg/L	1	20690	7/14/2003 8:19:54 PM
Nitrogen, Nitrate (As N)	0.13	H	10	0.01	mg/L	1	20690	7/14/2003 8:19:54 PM
Sulfate	45.7		250	1.00	mg/L	1	20690	7/14/2003 8:19:54 PM
ALKALINITY			M2320 B					Analyst: CMM
Alkalinity, Bicarbonate (As CaCO ₃)	109			2	mg/L CaCO ₃	1	20468	6/30/2003
Alkalinity, Carbonate (As CaCO ₃)	ND			2	mg/L CaCO ₃	1	20468	6/30/2003
Alkalinity, Phenolphthalein	ND			2	mg/L CaCO ₃	1	20468	6/30/2003
Alkalinity, Total (As CaCO ₃)	109			2	mg/L CaCO ₃	1	20468	6/30/2003
CONDUCTANCE			E120.1					Analyst: LW
Specific Conductance @ 25°C	417		0	0	µmhos/cm	1	20427	6/27/2003
PH			E150.1					Analyst: CMM
pH	7.41		8.5	0	pH units	1	20435	6/27/2003
TOTAL DISSOLVED SOLIDS			E160.1					Analyst: LW
Total Dissolved Solids (Residue, Filterable)	241		1000	5.00	mg/L	1	20520	6/30/2003

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	S	Spike Recovery outside accepted recovery limits		

LCRA Environmental Laboratory Services

Date: 06-Nov-03

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0306391

File No: 25218

Project: WS 1550044

Collection Date: 6/25/2003 10:20:00 AM

Lab ID: 0306391-02

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2					Analyst: JP
1,1,1,2-Tetrachloroethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1,1-Trichloroethane	ND		200	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1,2,2-Tetrachloroethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1,2-Trichloroethane	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1-Dichloroethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1-Dichloroethene	ND		7	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1-Dichloropropene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,3-Trichlorobenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,3-Trichloropropane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,4-Trichlorobenzene	ND		70	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,4-Trimethylbenzene	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dibromo-3-chloropropane	ND		0.2	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dibromoethane	ND		0.05	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dichlorobenzene	ND		600	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dichloroethane	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dichloropropane	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,3,5-Trimethylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,3-Dichlorobenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,3-Dichloropropane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,4-Dichlorobenzene	ND		75	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
2,2-Dichloropropane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
2-Butanone (MEK)	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
2-Chlorotoluene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
2-Hexanone	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
4-Chlorotoluene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
4-Isopropyltoluene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
4-Methyl-2-pentanone (MIBK)	ND			2.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Acetone	ND			10	µg/L	1	20439	6/27/2003 3:22:00 PM
Acrylonitrile	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Benzene	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromobenzene	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromochloromethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromodichloromethane	14.5			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromoform	3.6			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromomethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Butyl benzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Carbon Disulfide	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Carbon Tetrachloride	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Chlorobenzene	ND		100	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Chloroethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

LCRA Environmental Laboratory Services

Date: 06-Nov-03

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0306391

File No: 25218

Project: WS 1550044

Collection Date: 6/25/2003 10:20:00 AM

Lab ID: 0306391-02

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2					
Chloroform	11.9			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Chloromethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
cis-1,2-Dichloroethene	ND		70	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
cis-1,3-Dichloropropene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Dibromochloromethane	13.1			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Dibromomethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Dichlorodifluoromethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Ethyl methacrylate	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Ethylbenzene	ND		700	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Hexachlorobutadiene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Iodomethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Isopropylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
m,p-Xylene	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Methyl methacrylate	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Methyl tert-butyl ether (MTBE)	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Methylene chloride (DCM)	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
n-Propylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Naphthalene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
o-Xylene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
sec-Butylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Styrene	ND		100	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
tert-Butylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Tetrachloroethene	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Tetrahydrofuran	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Toluene	ND		1000	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Total Trihalomethanes	43.1		80	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
trans-1,2-Dichloroethene	ND		100	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
trans-1,3-Dichloropropene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Trichloroethene	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Trichlorofluoromethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Vinyl Acetate	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Vinyl chloride	ND		2	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Xylenes, Total	ND		10000	2.0	µg/L	1	20439	6/27/2003 3:22:00 PM

Analyst: JP

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



Public Water System Water Analysis



REPORT TO: ☐ Check if New Address

Name

Address 1

Address 2

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Russell Judd
Signature (System Official)

Russell Judd
Print Name

WATER SYSTEM ID NO:

(Required)

NAME OF WATER SYSTEM:

DATE/TIME COLLECTED:

06 25 03 10:20
Month Day Year Military Time

SAMPLE: ☒ Routine ☐ Check ☐ Quarterly (detect) ☐ Priority

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

SAMPLING LOCATION:

☐ RAW; Source Name:

☐ DISTRIBUTION; Location:

☐ ENTRY POINT(S); (List each E.P. in this sample)

(FM2113)

REGION NO:

CHLORINE RESIDUAL

2.55

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

25218

LAB NAME:

LCRA

LAB No. 0306391-01

DATE RECEIVED:

6/27/03 0800

DATE REPORTED:

JUL 16 2003

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 6/27/03 By: 8

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO3, SO4, pH, Cond, T-P Alk, HCO3, CO3, 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

1C ☐ NITRATE 100 mL PLASTIC 300.0

Iced, 14 Day Hold Time

250ml split &
PRESERVED IN LAB

2 ☐ ALL METALS

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)

No Field Preservation, 14 Day Hold Time

☐ ONLY

16 ☐ RADIOCHEMICAL 1 GAL PLASTIC 900.0, 804.0 903.1

No Field Preservation, 5 Day Hold Time

17 ☐ ASBESTOS 1QT PLASTIC

Iced, 48 Hour Hold Time

13 ☐ VOC 2-40 mL GLASS 524.2

Ascorbic Acid, HCl, Iced, 14 Day Hold Time

14 ☐ TRIHALOMETHANES 2-40 mL GLASS 502.2 or 524.2

Sodium Thiosulfate, Iced, 14 Day Hold Time

☐ MTHM - Potential 3-40 mL GLASS 502.2 or 524.2

No Field Preservation, 7 Day Hold Time

18 ☐ HALOACETIC ACIDS (HAA) 2-60 mL GLASS 552.2

Ammonium Chloride, Iced, 14 Day Hold Time

4 ☐ INSECTICIDES (SOC1) 1 QT GLASS 505

Sodium Thiosulfate, Iced, 7 Day Hold Time

6 ☐ HERBICIDES (SOC3) 500 mL GLASS 515.1

Sodium Thiosulfate, Iced, 14 Day Hold Time

8 ☐ SEMIVOLATILES (SOC5) 1 QT GLASS 525.2

Sodium Sulfite, HCl, Iced, 14 day Hold Time

MAILED

JUL 17 2003



Public Water System Water Analysis

REPORT TO: ☐ Check if New Address

Name

Address 1

Address 2

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Signature (System Official)

Print Name

WATER SYSTEM ID NO:

(Required)

NAME OF WATER SYSTEM:

DATE/TIME COLLECTED:

06 25 03 1020
Month Day Year Military TimeSAMPLE: ☒ Routine ☐ Check ☐ Quarterly (detect) ☐ PrioritySOURCE: ☐ Ground ☐ Surface ☒ GUI ☐ Blended ☐ New Source

SAMPLING LOCATION:

☐ RAW; Source Name:☐ DISTRIBUTION; Location:☐ ENTRY POINT(S); (List each E.P. in this sample)

REGION NO:

CHLORINE RESIDUAL

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

LAB No. 0306391-02

LAB NAME:

LCRA STB 0°C

DATE RECEIVED: 6/27/03 0800

DATE REPORTED:

JUL 16 2003

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 6/27/03 By: SP

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, 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

1C ☐ NITRATE 100 mL PLASTIC 300.0
Iced, 14 Day Hold Time

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)
No Field Preservation, 14 Day Hold Time

☐ ONLY

16 ☐ RADIOCHEMICAL 1 GAL PLASTIC 900.0, 804.0 903.1
No Field Preservation, 5 Day Hold Time SM 7500-UC

17 ☐ ASBESTOS 1QT PLASTIC
Iced, 48 Hour Hold Time

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

14 ☐ TRIHALOMETHANES 2-40 mL GLASS 502.2 or 524.2
Sodium Thiosulfate, Iced, 14 Day Hold Time
☐ MTHM - Potential 3-40 mL GLASS 502.2 or 524.2
No Field Preservation, 7 Day Hold Time

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

4 ☐ INSECTICIDES (SOC1) 1 QT GLASS 505
Sodium Thiosulfate, Iced, 7 Day Hold Time

6 ☐ HERBICIDES (SOC3) 500 mL GLASS 515.1
Sodium Thiosulfate, Iced, 14 Day Hold Time

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

☐ OTHER

TEXAS DEPARTMENT OF HEALTH
BUREAU OF LABORATORIES
WATER ANALYSIS REPORT

Submitter Identification Number: 1550044

SPRING VALLEY WSC

PO BOX 399
LORENA, TX 76655

Laboratory Number: EP309670

Date Collected: 06/25/2003

Sample Type:

Date Received: 06/27/2003

Sample Source: LKL 16

Date Reported: 08/08/2003

Entry Points: 001

Collector Remarks:

Constituent Name		Result	Units	+/-
Radium 228	<	1.0	pCi/l	
Gross Beta	<	4.0	pCi/l	
Gross Alpha Particle Activity	<	2.0	pCi/l	



Public Water System Water Analysis



9/15/03

REPORT TO: ☐ Check if New Address

SPRING VALLEY WCO

Name

Address 1

PO BOX 399

Address 2

LORENA, TX 76655-0195

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Signature (System Official)

Print Name

WATER SYSTEM ID NO: 1550044
(Required)

NAME OF WATER SYSTEM: SPRING VALLEY WCO

DATE/TIME COLLECTED: 06 25 03 1020
Month Day Year Military Time

SAMPLE: ☒ Routine ☐ Check ☐ Quarterly (detect) ☐ Priority

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

SAMPLING LOCATION:

☐ RAW; Source Name:

☐ DISTRIBUTION; Location:

☒ ENTRY POINT(S); (List each E.P. in this sample)

0 0 1

REGION NO: 9

CHLORINE RESIDUAL

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

LAB No. 0306391-02

LAB NAME:

DATE RECEIVED:

LCRA STB D.C.

DATE REPORTED:

JUL 16 2003

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORMS

1 ☐ ALL MINERALS 1 QT PLASTIC 150.1, 300.0
Cl, F, NO₃, SO₄, pH, Cond, T-P Alk, HCO₃, CO₃, 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

1C ☐ NITRATE 100 mL PLASTIC 300.0
Iced, 14 Day Hold Time

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)
No Field Preservation, 14 Day Hold Time

☐ ONLY

16 ☐ RADIOCHEMICAL 1 GAL PLASTIC 900.0, 804.0 903.1
SM 7500-UC
No Field Preservation, 5 Day Hold Time

17 ☐ ASBESTOS 1QT PLASTIC
Iced, 48 Hour Hold Time

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

14 ☐ TRIHALOMETHANES 2-40 mL GLASS 502.2 or 524.2
Sodium Thiosulfate, Iced, 14 Day Hold Time

☐ MTHM - Potential 3-40 mL GLASS 502.2 or 524.2
No Field Preservation, 7 Day Hold Time

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

4 ☐ INSECTICIDES (SOC1) 1 QT GLASS 505
Sodium Thiosulfate, Iced, 7 Day Hold Time

6 ☐ HERBICIDES (SOC3) 500 mL GLASS 515.1
Sodium Thiosulfate, Iced, 14 Day Hold Time

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

☐ OTHER

LCRA Environmental Laboratory Services

Date: 16-Jul-03

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0306391

File No: 25218

Project: WS 1550044

Collection Date: 6/25/2003 10:20:00 AM

Lab ID: 0306391-02

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2					
			Analyst: JP					
1,1,1,2-Tetrachloroethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1,1-Trichloroethane	ND		200	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1,2,2-Tetrachloroethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1,2-Trichloroethane	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1-Dichloroethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1-Dichloroethene	ND		7	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,1-Dichloropropene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,3-Trichlorobenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,3-Trichloropropane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,4-Trichlorobenzene	ND		70	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2,4-Trimethylbenzene	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dibromo-3-chloropropane	ND		0.2	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dibromoethane	ND		0.05	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dichlorobenzene	ND		600	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dichloroethane	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,2-Dichloropropane	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,3,5-Trimethylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,3-Dichlorobenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,3-Dichloropropane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
1,4-Dichlorobenzene	ND		75	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
2,2-Dichloropropane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
2-Butanone (MEK)	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
2-Chlorotoluene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
2-Hexanone	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
4-Chlorotoluene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
4-Isopropyltoluene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
4-Methyl-2-pentanone (MIBK)	ND			2.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Acetone	ND			10	µg/L	1	20439	6/27/2003 3:22:00 PM
Acrylonitrile	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Benzene	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromobenzene	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromochloromethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromodichloromethane	14.5			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromoform	3.6			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Bromomethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Butyl benzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Carbon Disulfide	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Carbon Tetrachloride	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Chlorobenzene	ND		100	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Chloroethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit

LCRA Environmental Laboratory Services

Date: 16-Jul-03

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0306391

File No: 25218

Project: WS 1550044

Collection Date: 6/25/2003 10:20:00 AM

Lab ID: 0306391-02

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
VOLATILES BY GCMS			E524.2	Analyst: JP				
Chloroform	11.9			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Chloromethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
cis-1,2-Dichloroethene	ND		70	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
cis-1,3-Dichloropropene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Dibromochloromethane	13.1			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Dibromomethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Dichlorodifluoromethane	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Ethyl methacrylate	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Ethylbenzene	ND		700	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Hexachlorobutadiene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Iodomethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Isopropylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
m,p-Xylene	ND			1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Methyl methacrylate	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Methyl tert-butyl ether (MTBE)	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Methylene chloride (DCM)	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
n-Propylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Naphthalene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
o-Xylene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
sec-Butylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Styrene	ND		100	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
tert-Butylbenzene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Tetrachloroethene	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Tetrahydrofuran	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Toluene	ND		1000	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Total Trihalomethanes	43.1		80	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
trans-1,2-Dichloroethene	ND		100	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
trans-1,3-Dichloropropene	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Trichloroethene	ND		5	0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Trichlorofluoromethane	ND			0.5	µg/L	1	20439	6/27/2003 3:22:00 PM
Vinyl Acetate	ND			5.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Vinyl chloride	ND		2	1.0	µg/L	1	20439	6/27/2003 3:22:00 PM
Xylenes, Total	ND		10000	2.0	µg/L	1	20439	6/27/2003 3:22:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 S Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit



Public Water System
Water Analysis

POS/1550044/CA



REPORT TO: ☐ Check if New Address

SPRING VALLEY WSC

Name

Address 1

PO BOX 393

Address 2

LORENA, TX 76655 1405

City, State, Zip

BILL TO: (If other than above)

Name

Address 1

Address 2

City, State, Zip

I acknowledge that this Water System will be billed for the testing performed per this request and that the water system is liable for all charges associated with this request.

Signature (System Official)

Print Name

WATER SYSTEM ID NO: 1550044
(Required)

NAME OF WATER SYSTEM: SPRING VALLEY WSC

DATE/TIME COLLECTED: 06 25 03 10:20
Month Day Year Military Time

SAMPLE: ☒ Routine ☐ Check ☐ Quarterly (detect) ☐ Priority

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

SAMPLING LOCATION:

☐ RAW; Source Name:

☐ DISTRIBUTION; Location:

☒ ENTRY POINT(S); (List each E.P. in this sample) (FM2113)

001

REGION NO: 5

CHLORINE RESIDUAL

Signature (TRWA Sampling Technician)

Instruction for sample collection and submission are available on request from the Public Drinking Water Section of the Texas Natural Resource Conservation Commission

LABORATORY USE ONLY

LAB No. 0306391-01

LAB NAME: LCRA

DATE RECEIVED: 6/27/03

DATE REPORTED: JUL 16 2003

LOG-IN REVIEW

EACH BLOCK REQUIRES SEPARATE CONTAINERS AND FORM

Date: 6/27/03 By: 8

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

250ml SPI 14 &
PRESERVED IN LAB

2 ☐ ALL METALS No Field Preservation, 14 Day Hold Time	1 QT PLASTIC SM 2501B, SM 2520B	150.1, 300.0
2A ☐ METALS 14 GROUP (ICP) Al, Be, Ba, Cr, Cu, Fe, Pb, Mn, Ni, Na, Ag, Zn, Ca, Mg No Field Preservation, 14 Day Hold Time	1 QT PLASTIC	200.8, 200.7
☐ SINGLE METAL Al, Sb, As, Ba, Be, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Ni, Ag, Ti, Zn, Se, Na, (Hardness Ca, Mg) No Field Preservation, 14 Day Hold Time	1 QT PLASTIC	200.8, 200.7, 245.1
☐ ONLY		

16 ☐ RADIOCHEMICAL No Field Preservation, 5 Day Hold Time	1 GAL PLASTIC	900.0, 804.0 903.1 SM 7500-UC
---	---------------	----------------------------------

17 ☐ ASBESTOS Iced, 48 Hour Hold Time	1QT PLASTIC	
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13 ☐ VOC Ascorbic Acid, HCl, Iced, 14 Day Hold Time	2-40 mL GLASS	524.2
---	---------------	-------

14 ☐ TRIHALOMETHANES Sodium Thiosulfate, Iced, 14 Day Hold Time	2-40 mL GLASS	502.2 or 524.2
☐ MTHM - Potential No Field Preservation, 7 Day Hold Time	3-40 mL GLASS	502.2 or 524.2

18 ☐ HALOACETIC ACIDS (HAA) Ammonium Chloride, Iced, 14 Day Hold Time	2-60 mL GLASS	552.2
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4 ☐ INSECTICIDES (SOC1) Sodium Thiosulfate, Iced, 7 Day Hold Time	1 QT GLASS	505
---	------------	-----

6 ☐ HERBICIDES (SOC3) Sodium Thiosulfate, Iced, 14 Day Hold Time	500 mL GLASS	515.1
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8 ☐ SEMIVOLATILES (SOC5) Sodium Sulfite, HCl, Iced, 14 day Hold Time	1 QT GLASS	525.2
--	------------	-------

☐ OTHER		
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LCRA Environmental Laboratory Services

Date: 16-Jul-03

CLIENT: Spring Valley WSC

Client Sample ID: 001

Lab Order: 0306391

File No: 25218

Project: WS 1550044

Collection Date: 6/25/2003 10:20:00 AM

Lab ID: 0306391-01

Matrix: DRINKING WATER

Analyses	Result	Qual	MCL	PQL	Units	DF	Batch ID	Date Analyzed
HARDNESS			M2340 B					Analyst: MLP
Hardness, Calcium/Magnesium (As CaCO ₃)	135			1.32	mg/L	1	20493	7/1/2003
ANIONS BY ION CHROMATOGRAPHY			E300					Analyst: WR
Chloride	31.0		250	1.00	mg/L	1	20690	7/14/2003 8:19:54 PM
Fluoride	0.16		4	0.01	mg/L	1	20690	7/14/2003 8:19:54 PM
Nitrogen, Nitrate (As N)	0.13		10	0.01	mg/L	1	20690	7/14/2003 8:19:54 PM
Sulfate	45.7		250	1.00	mg/L	1	20690	7/14/2003 8:19:54 PM
ALKALINITY			M2320 B					Analyst: CMM
Alkalinity, Bicarbonate (As CaCO ₃)	109			2	mg/L CaCO ₃	1	20468	6/30/2003
Alkalinity, Carbonate (As CaCO ₃)	ND			2	mg/L CaCO ₃	1	20468	6/30/2003
Alkalinity, Phenolphthalein	ND			2	mg/L CaCO ₃	1	20468	6/30/2003
Alkalinity, Total (As CaCO ₃)	109			2	mg/L CaCO ₃	1	20468	6/30/2003
CONDUCTANCE			E120.1					Analyst: LW
Specific Conductance @ 25°C	417		0	0	µmhos/cm	1	20427	6/27/2003
PH			E150.1					Analyst: CMM
pH	7.41		8.5	0	pH units	1	20435	6/27/2003
TOTAL DISSOLVED SOLIDS			E160.1					Analyst: LW
Total Dissolved Solids (Residue, Filterable)	241		1000	5	mg/L	1	20520	6/30/2003

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



Texas Department of Health

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

BUREAU OF LABORATORIES

CLIA #45D0660644

CONFIDENTIAL LABORATORY REPORT LEAD/COPPER LAB ANALYSIS

RWS
SUBMITTER IDENTIFICATION NUMBER: ~~1550044~~ *CA*

SPRING VALLEY WATER SUPPLY CORP
KEN MAYS

PO BOX 399
LORENA TX 76655-3105

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

Copper(Cu) = 1.300 mg/L

LAB NUMBER: 020005674 SAMPLE NUMBER: 1 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: EDDIE MOORE 235 COUNTRY SPRING RD LORENA

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: <0.0003 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0609 mg/L

LAB NUMBER: 020005675 SAMPLE NUMBER: 2 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: KEN MAYS 2966 MACKEY RANCH RD MOODY TX

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: <0.0003 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0639 mg/L

LAB NUMBER: 020005676 SAMPLE NUMBER: 3 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: LINDA BRANDON 3240 MACKEY RANCH RD

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: 0.00035 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0848 mg/L

LAB NUMBER: 020005677 SAMPLE NUMBER: 4 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/13/2002
COLLECTION ADDRESS: ROBERT KUNZE 15796 CHAPEL RD LORENA TX

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: <0.0003 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0120 mg/L

TCEQ will send new bottles for any rejected sample.



Texas Department of Health

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

BUREAU OF LABORATORIES

CLIA #45D0660644

CONFIDENTIAL LABORATORY REPORT

LEAD/COPPER LAB ANALYSIS

SUBMITTER IDENTIFICATION NUMBER: 1550044

SPRING VALLEY WATER SUPPLY CORP
KEN MAYS

PO BOX 399
LORENA TX 76655-3105

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

Copper(Cu) = 1.300 mg/L

LAB NUMBER: 020005678 SAMPLE NUMBER: 5 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: CORY PRIEST 1921 MOCKINGBIRD LN MOODY TX

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: 0.0015 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0585 mg/L

LAB NUMBER: 020005679 SAMPLE NUMBER: 6 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: RUSSELL JUDD 5303 COTTON BELT PARKWAY

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: 0.00042 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0637 mg/L

LAB NUMBER: 020005680 SAMPLE NUMBER: 7 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: RUSSELL JUDD 5301 COTTON BELT PARKWAY

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: 0.00087 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0702 mg/L

LAB NUMBER: 020005681 SAMPLE NUMBER: 8 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: MIKE WHITE 268 MITCHELL RD LORENA TX

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: <0.0003 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0620 mg/L

TCEQ will send new bottles for any rejected sample.



Texas Department of Health

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

BUREAU OF LABORATORIES
CLIA #45D0660644

CONFIDENTIAL LABORATORY REPORT
LEAD/COPPER LAB ANALYSIS

SUBMITTER IDENTIFICATION NUMBER: 1550044

SPRING VALLEY WATER SUPPLY CORP
KEN MAYS

PO BOX 399
LORENA TX 76655-3105

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

Copper(Cu) = 1.300 mg/L

LAB NUMBER: 020005682 SAMPLE NUMBER: 9 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/13/2002
COLLECTION ADDRESS: ROBERT TATE 5200 SPRING VALLEY RD

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: <0.0003 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0615 mg/L

LAB NUMBER: 020005683 SAMPLE NUMBER: 10 Year: 02 Period: 3
LEAD SERVICE LINE: N COPPER PLUMBING W/ LEAD JOINTS: N
DATE RECEIVED: 11/18/02 COLLECTION DATE: 11/14/2002
COLLECTION ADDRESS: RAY HADDOCK 6534 SPRING VALLEY RD LORENA

ANALYZED: 12/02/2002 LEAD (Pb) RESULTS: 0.00037 mg/L
ANALYZED: 12/02/2002 COPPER (Cu) RESULTS: 0.0723 mg/L

TCEQ will send new bottles for any rejected sample.