



600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

210-302-3649 July 17, 2

July 17, 2013

Page 1 of 2

Client: Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St. San Antonio, TX 78215

Fax #: 210-222-9869

This analytical report is intended exclusively for the individual or entity to which it is addressed. Recipient is not authorized to print or copy this report, except in full without written approval of the laboratory. If you have received this report in error, please notify the San Antonio River Authority.

Sample Location:

HCS 210

Sample Number: AA81565

Sample Matrix: Non Potable Water

Collection Date/Time:
Receipt Date/Time:

7/15/13 7/16/13 20:25 08:32

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	<u>lysis</u>	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	<b>Qualifier</b>	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81565-A	E. coli	$\checkmark$	SM 9223B-2004	12000	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC
AA81565-A	E. Coli Holding Time - IDEXX Colilert		NA	17.42	hours		0.00	35501	7/16/13	13:50	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative





July 17, 2013

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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

QC Batch Name:

E\_COLI\_QUANTITRAY-35502

210-302-3649

### **QC ANALYTICAL RESULTS**

Acceptance Criteria

QC Analyte NameResultUnitsQualifierLowerTargetUpperInitial Blank for E. coliAbsent---Absent---

Genette Ry

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





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Sample Location: Sample Number: HCS 210 - 1

AA81561

Sample Matrix: Non Potable Water

Collection Date/Time: Receipt Date/Time:

7/15/13 7/16/13

16:35 08:32

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							Reporting	QC Batch	<u>Ana</u>	lysis	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	Number	Date	Time	<u>Analyst</u>
AA81561-A	E. coli	$\checkmark$	SM 9223B-2004	13000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81561-A	E. Coli Holding Time - IDEXX Colilert		NA	20.70	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative

2:46:28PM



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



July 17, 2013

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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

**QC ANALYTICAL RESULTS** 

QC Batch Name: E\_COLI\_QUANTITRAY-35500

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent Units

Qualifier

Lower

Target Absent <u>Upper</u>

genrette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

<sup>\* -</sup> See Case Narrative --- - Not Applicable





600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

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July 17, 2013

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Client: Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St. San Antonio, TX 78215

Fax #: 210-222-9869

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Sample Location:

HCS 210 - 2

AA81563

Sample Number: Sample Matrix:

Non Potable Water

Collection Date/Time:

7/15/13

17:41

Receipt Date/Time: 7/16/13 08:33

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	<u>lysis</u>	
	<u>Analyses</u>	NELAC	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81563-A	E. coli	$\checkmark$	SM 9223B-2004	16000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81563-A	E. Coli Holding Time - IDEXX Colilert		NA	19.60	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative

2:46:28PM



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

**QC ANALYTICAL RESULTS** 

QC Batch Name: E\_COLI\_QUANTITRAY-35500

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent Units

Qualifier

Lower

Target Absent <u>Upper</u>

genrette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

<sup>\* -</sup> See Case Narrative --- - Not Applicable





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Sample Location: HCS 210 Dup Sample Number: AA81570

Sample Matrix: Non Potable Water Collection Date/Time: Receipt Date/Time: 7/16/13

7/15/13

21:00 08:32

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							Reporting	QC Batch	<u>Ana</u>	lysis	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	Number	Date	Time	<u>Analyst</u>
AA81570-A	E. coli	$\checkmark$	SM 9223B-2004	12000	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC
AA81570-A	E. Coli Holding Time - IDEXX Colilert		NA	16.83	hours		0.00	35501	7/16/13	13:50	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative





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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

QC Batch Name:

E\_COLI\_QUANTITRAY-35502

210-302-3649

### **QC ANALYTICAL RESULTS**

Acceptance Criteria

QC Analyte NameResultUnitsQualifierLowerTargetUpperInitial Blank for E. coliAbsent---Absent---

Genette Ry

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





7/15/13

7/16/13

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16:30

08:31

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Collection Date/Time:

Receipt Date/Time:

Sample Location: HCS 240 Sample Number: AA81555

Sample Matrix: Non Potable Water

**CASE NARRATIVE** 

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Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							Reporting	QC Batch	<u>Ana</u>	<u>lysis</u>	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81555-A	E. coli	$\checkmark$	SM 9223B-2004	82000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81555-A	E. Coli Holding Time - IDEXX Colilert		NA	20.78	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



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**QC ANALYTICAL RESULTS** 

QC Batch Name: E\_COLI\_QUANTITRAY-35500

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent Units

Qualifier

Lower

Target Absent <u>Upper</u>

genrette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

<sup>\* -</sup> See Case Narrative --- - Not Applicable





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Sample Location:

**HCS 240** 

AA81556

Sample Number: Sample Matrix:

Non Potable Water

Collection Date/Time: Receipt Date/Time:

7/15/13 7/16/13

17:40 08:31

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							Reporting	QC Batch	<u>Ana</u>	<u>lysis</u>	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81556-A	E. coli	$\checkmark$	SM 9223B-2004	9200	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81556-A	E. Coli Holding Time - IDEXX Colilert		NA	19.62	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

**QC ANALYTICAL RESULTS** 

QC Batch Name: E\_COLI\_QUANTITRAY-35500

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent Units

Qualifier

Lower

Target Absent <u>Upper</u>

genrette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

<sup>\* -</sup> See Case Narrative --- - Not Applicable





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Sample Location: Sample Number:

HCS 240

AA81566

Sample Matrix:

Non Potable Water

Collection Date/Time:
Receipt Date/Time:

7/15/13 7/16/13 21:30 08:32

### CASE NARRATIVE

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	lysis	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81566-A	E. coli	$\checkmark$	SM 9223B-2004	13000	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC
AA81566-A	E. Coli Holding Time - IDEXX Colilert		NA	16.33	hours		0.00	35501	7/16/13	13:50	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



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San Antonio, TX 78283-9980

210-302-3649

July 17, 2013

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### **QC ANALYTICAL RESULTS**

QC Batch Name: E\_COLI\_QUANTITRAY-35502

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

genette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





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Sample Location: Sample Number:

**HCS 250** 

AA81557

Sample Matrix: Non Potable Water Collection Date/Time: Receipt Date/Time:

7/15/13 7/16/13

17:00 08:31

#### **CASE NARRATIVE**

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Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	lysis	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81557-A	E. coli	$\checkmark$	SM 9223B-2004	73000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81557-A	E. Coli Holding Time - IDEXX Colilert		NA	20.28	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded J - Analyte detected outside quantitation limit

--- - Not Applicable

\* - See Case Narrative



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



July 17, 2013

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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

QC ANALYTICAL RESULTS

**Acceptance Criteria** 

QC Batch Name:

QC Analyte Name
Initial Blank for E. coli

E\_COLI\_QUANTITRAY-35500

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

Jeanette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





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Sample Location: Sample Number:

Sample Matrix:

**HCS 250** 

AA81558

Non Potable Water

Collection Date/Time: Receipt Date/Time:

7/15/13 7/16/13

18:00 08:31

### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a "\" complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	lysis	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	<b>Qualifier</b>	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81558-A	E. coli	$\checkmark$	SM 9223B-2004	20000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81558-A	E. Coli Holding Time - IDEXX Colilert		NA	19.28	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative

2:46:28PM



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



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QC ANALYTICAL RESULTS

**Acceptance Criteria** 

QC Batch Name:

QC Analyte Name
Initial Blank for E. coli

E\_COLI\_QUANTITRAY-35500

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

Jeanette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





7/15/13

7/16/13

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Collection Date/Time:

Receipt Date/Time:

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22:00

08:32

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Sample Location:

HCS 250

AA81567

Sample Number: Sample Matrix:

Non Potable Water

### CASE NARRATIVE

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Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							Reporting	QC Batch	<u>Ana</u>	<u>lysis</u>	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	Number	Date	Time	<u>Analyst</u>
AA81567-A	E. coli	$\checkmark$	SM 9223B-2004	5800	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC
AA81567-A	E. Coli Holding Time - IDEXX Colilert		NA	15.83	hours		0.00	35501	7/16/13	13:50	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



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San Antonio, TX 78283-9980

210-302-3649

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### **QC ANALYTICAL RESULTS**

QC Batch Name: E\_COLI\_QUANTITRAY-35502

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

genette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





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Sample Location: Sample Number:

**HCS 260** 

**AA81568** 

Sample Matrix: Non Potable Water Collection Date/Time: 7/15/13 Receipt Date/Time: 7/16/13

22:40 08:32

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a "\" complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments:

Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	<u>lysis</u>	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81568-A	E. coli	$\checkmark$	SM 9223B-2004	12000	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC
AA81568-A	E. Coli Holding Time - IDEXX Colilert		NA	15.17	hours		0.00	35501	7/16/13	13:50	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



600 E Euclid Avenue P.O. Box 839980

# Environmental Sciences Department Laboratory ANALYTICAL REPORT



San Antonio, TX 78283-9980

210-302-3649

July 17, 2013

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### **QC ANALYTICAL RESULTS**

QC Batch Name: E\_COLI\_QUANTITRAY-35502

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

genette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





7/15/13

7/16/13

600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

210-302-3649

July 17, 2013

Collection Date/Time:

Receipt Date/Time:

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17:11

08:33

**Client:** Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St. San Antonio, TX 78215

Fax #: 210-222-9869

This analytical report is intended exclusively for the individual or entity to which it is addressed. Recipient is not authorized to print or copy this report, except in full without written approval of the laboratory. If you have received this report in error, please notify the San Antonio River Authority.

Sample Location:

HCS 260 - 1

Sample Number:

AA81562

Sample Matrix: Non Potable Water

**CASE NARRATIVE** 

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a "\" complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Ana</u>	lysis	
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81562-A	E. coli	$\sqrt{}$	SM 9223B-2004	18000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC
AA81562-A	E. Coli Holding Time - IDEXX Colilert		NA	20.10	hours		0.00	35499	7/16/13	13:17	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded J - Analyte detected outside quantitation limit

--- - Not Applicable

\* - See Case Narrative



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



July 17, 2013

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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

QC ANALYTICAL RESULTS

**Acceptance Criteria** 

QC Batch Name:

QC Analyte Name
Initial Blank for E. coli

E\_COLI\_QUANTITRAY-35500

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

Jeanette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

210-302-3649

July 17, 2013

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**Client:** Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St. San Antonio, TX 78215

Fax #: 210-222-9869

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Sample Location:

HCS 260 - 2

Sample Number:

AA81564

Sample Matrix: Non Potable Water Collection Date/Time: Receipt Date/Time:

7/15/13 18:10 7/16/13 08:33

### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a "\" complies with NELAP requirements unless otherwise specified in the case narrative.

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Analysis</u>			
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>	
AA81564-A	E. coli	$\checkmark$	SM 9223B-2004	33000	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC	
AA81564-A	E. Coli Holding Time - IDEXX Colilert		NA	19.67	hours		0.00	35501	7/16/13	13:50	RSC	

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded J - Analyte detected outside quantitation limit

\* - See Case Narrative



600 E Euclid Avenue P.O. Box 839980

# Environmental Sciences Department Laboratory ANALYTICAL REPORT



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210-302-3649

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### **QC ANALYTICAL RESULTS**

QC Batch Name: E\_COLI\_QUANTITRAY-35502

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

genette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





7/15/13

7/16/13

600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

210-302-3649 July 17, 2

July 17, 2013

Collection Date/Time:

Receipt Date/Time:

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17:20

08:31

**Client:** Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St. San Antonio, TX 78215

Fax #: 210-222-9869

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Sample Location: Sample Number:

HCS 270

AA81559

Sample Matrix:

Non Potable Water

**CASE NARRATIVE** 

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Analysis</u>			
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>	
AA81559-A	E. coli	$\checkmark$	SM 9223B-2004	77000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC	
AA81559-A	E. Coli Holding Time - IDEXX Colilert		NA	19.95	hours		0.00	35499	7/16/13	13:17	RSC	

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



July 17, 2013

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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

QC ANALYTICAL RESULTS

**Acceptance Criteria** 

QC Batch Name:

QC Analyte Name
Initial Blank for E. coli

E\_COLI\_QUANTITRAY-35500

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

Jeanette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

210-302-3649 July 17,.

July 17, 2013

Collection Date/Time:

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Client: Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St. San Antonio, TX 78215

Fax #: 210-222-9869

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Sample Location:

HCS 270

Sample Number: AA81560

Sample Matrix: Non Potable Water

Receipt Date/Time:

7/15/13 18 7/16/13 08

18:15 08:31

### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							<u>Reporting</u>	QC Batch	<u>Analysis</u>			
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>	
AA81560-A	E. coli	$\checkmark$	SM 9223B-2004	31000	MPN/100 mL	Н	1	35500	7/16/13	13:17	RSC	
AA81560-A	E. Coli Holding Time - IDEXX Colilert		NA	19.03	hours		0.00	35499	7/16/13	13:17	RSC	

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded J - Analyte detected outside quantitation limit

\* - See Case Narrative



# Environmental Sciences Department Laboratory ANALYTICAL REPORT



July 17, 2013

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600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

QC ANALYTICAL RESULTS

**Acceptance Criteria** 

QC Batch Name:

QC Analyte Name
Initial Blank for E. coli

E\_COLI\_QUANTITRAY-35500

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

Jeanette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative





600 E Euclid Avenue P.O. Box 839980 San Antonio, TX 78283-9980

210-302-3649 July 17, A

July 17, 2013

Page 1 of 2

Client: Edwards Aquifer Authority

Mark Hamilton

1615 N. Saint Mary's St.

San Antonio, TX 78215 Fax #: 210-222-9869

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Sample Location: HCS 270 Collection Date/Time: 7/15/13 23:10 Sample Number: AA81569 Receipt Date/Time: 7/16/13 08:32

Sample Matrix: Non Potable Water

#### **CASE NARRATIVE**

This report provides results related only to the referenced sample ID numbers. All samples were received in acceptable condition unless otherwise noted. For questions regarding this report, please contact David Hernandez, Laboratory Supervisor, at (210) 302-3669

Analysis identified with a " $\sqrt{}$ " complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

### **ANALYTICAL RESULTS**

							Reporting	QC Batch	<b>Analysis</b>		
	<u>Analyses</u>	<b>NELAC</b>	<b>Analysis Method</b>	Result	<u>Units</u>	Qualifier	<u>Limit</u>	<u>Number</u>	Date	Time	<u>Analyst</u>
AA81569-A	E. coli	$\checkmark$	SM 9223B-2004	24000	MPN/100 mL	Н	1	35502	7/16/13	13:50	RSC
AA81569-A	F Coli Holding Time - IDFXX Colilert		NA	14 67	hours		0.00	35501	7/16/13	13:50	RSC

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded

J - Analyte detected outside quantitation limit

\* - See Case Narrative



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# Environmental Sciences Department Laboratory ANALYTICAL REPORT



San Antonio, TX 78283-9980

210-302-3649

July 17, 2013

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### **QC ANALYTICAL RESULTS**

QC Batch Name: E\_COLI\_QUANTITRAY-35502

**Acceptance Criteria** 

QC Analyte Name Initial Blank for E. coli

Result Absent **Units** 

Qualifier

Lower

Target Absent <u>Upper</u>

genette Ky

Jeanette Hernandez Water Quality Planner / QAO 7/17/2013

A - Outside upper acceptance criteria

D - Outside lower acceptance criteria

<sup>\* -</sup> See Case Narrative