

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: 7/15/13 20:25
Receipt Date/Time: 7/16/13 08:32

CASE NARRATIVE

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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>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81565-A	E. coli	√	SM 9223B-2004	12000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
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* - See Case Narrative
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Sample Location: HCS 210 - 1
Sample Number: AA81561
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 16:35
Receipt Date/Time: 7/16/13 08:32

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81561-A	E. coli	√	SM 9223B-2004	13000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



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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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

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J - Analyte detected outside quantitation limit

* - See Case Narrative
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Sample Location: HCS 210 - 2
Sample Number: AA81563
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 17:41
Receipt Date/Time: 7/16/13 08:33

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81563-A	E. coli	√	SM 9223B-2004	16000	MPN/100 mL	H	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
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H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



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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

Upper



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Sample Location: HCS 210 Dup
Sample Number: AA81570
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 21:00
Receipt Date/Time: 7/16/13 08:32

CASE NARRATIVE

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Sample Comments: Hold time exceeded per customer proceed.

ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81570-A	E. coli	√	SM 9223B-2004	12000	MPN/100 mL	H	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
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T - Microbiological Controls were unacceptable

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



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

Upper



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7/17/2013

Date

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Sample Location: HCS 240
Sample Number: AA81555
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 16:30
Receipt Date/Time: 7/16/13 08:31

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81555-A	E. coli	√	SM 9223B-2004	82000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

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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

Upper



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Water Quality Planner / QAO

7/17/2013

Date

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Sample Location: HCS 240
Sample Number: AA81556
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 17:40
Receipt Date/Time: 7/16/13 08:31

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81556-A	E. coli	√	SM 9223B-2004	9200	MPN/100 mL	H	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
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H - Hold Time for preparation or analysis exceeded
J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

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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

Upper



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Water Quality Planner / QAO

7/17/2013

Date

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Sample Location: HCS 240
Sample Number: AA81566
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 21:30
Receipt Date/Time: 7/16/13 08:32

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81566-A	E. coli	√	SM 9223B-2004	13000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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

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Sample Location: HCS 250
Sample Number: AA81557
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 17:00
Receipt Date/Time: 7/16/13 08:31

CASE NARRATIVE

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Sample Comments: Hold time exceeded per customer proceed.

ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81557-A	E. coli	√	SM 9223B-2004	73000	MPN/100 mL	H	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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

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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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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D - Outside lower acceptance criteria
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Sample Location: HCS 250
Sample Number: AA81558
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 18:00
Receipt Date/Time: 7/16/13 08:31

CASE NARRATIVE

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Sample Comments: Hold time exceeded per customer proceed.

ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81558-A	E. coli	√	SM 9223B-2004	20000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



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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

Upper



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Water Quality Planner / QAO

7/17/2013

Date

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Sample Location: HCS 250
Sample Number: AA81567
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 22:00
Receipt Date/Time: 7/16/13 08:32

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81567-A	E. coli	√	SM 9223B-2004	5800	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



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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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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T - Microbiological Controls were unacceptable

H - Hold Time for preparation or analysis exceeded
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* - See Case Narrative
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Sample Location: HCS 260
Sample Number: AA81568
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 22:40
Receipt Date/Time: 7/16/13 08:32

CASE NARRATIVE

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ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81568-A	E. coli	√	SM 9223B-2004	12000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



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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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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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
--- - Not Applicable

ANALYTICAL REPORT



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 260 - 1
Sample Number: AA81562
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 17:11
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 "√" complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81562-A	E. coli	√	SM 9223B-2004	18000	MPN/100 mL	H	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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

Page 2 of 2

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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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
--- - Not Applicable

Client: Edwards Aquifer Authority
Mark Hamilton
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Sample Location: HCS 260 - 2
Sample Number: AA81564
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 18:10
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 "√" complies with NELAP requirements unless otherwise specified in the case narrative .

Sample Comments: Hold time exceeded per customer proceed.

ANALYTICAL RESULTS

	<u>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81564-A	E. coli	√	SM 9223B-2004	33000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

Page 2 of 2

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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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
--- - Not Applicable

Client: Edwards Aquifer Authority
Mark Hamilton
1615 N. Saint Mary's St.
San Antonio, TX 78215

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Sample Location: HCS 270
Sample Number: AA81559
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 17:20
Receipt Date/Time: 7/16/13 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>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81559-A	E. coli	√	SM 9223B-2004	77000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

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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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

Page 1 of 2

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Sample Location: HCS 270
Sample Number: AA81560
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 18:15
Receipt Date/Time: 7/16/13 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>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81560-A	E. coli	√	SM 9223B-2004	31000	MPN/100 mL	H	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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

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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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

Page 1 of 2

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Sample Location: HCS 270
Sample Number: AA81569
Sample Matrix: Non Potable Water

Collection Date/Time: 7/15/13 23:10
Receipt Date/Time: 7/16/13 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>Analyses</u>	<u>NELAC</u>	<u>Analysis Method</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Reporting</u>	<u>QC Batch</u>	<u>Analysis</u>		<u>Analyst</u>
							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA81569-A	E. coli	√	SM 9223B-2004	24000	MPN/100 mL	H	1	35502	7/16/13	13:50	RSC
AA81569-A	E. Coli Holding Time - IDEXX 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
--- - Not Applicable

ANALYTICAL REPORT



July 17, 2013

Page 2 of 2

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

Upper



Jeanette Hernandez
Water Quality Planner / QAO

7/17/2013

Date

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
--- - Not Applicable