

ANALYTICAL REPORT



August 22, 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: HSM 210-1
Sample Number: AA82128
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 21:20
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82128-A E. Coli Holding Time - IDEXX Colilert

AA82128-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82128-A | E. coli | √ | SM 9223B-2004 | 160 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82128-A | E. Coli Holding Time - IDEXX Colilert | | NA | 17.23 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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

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Sample Location: HSM 210-2
Sample Number: AA82129
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 23:20
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82129-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82129-A | E. coli | √ | SM 9223B-2004 | 150 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82129-A | E. Coli Holding Time - IDEXX Colilert | | NA | 15.23 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

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

* - See Case Narrative
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Sample Location: HSM 230-1
Sample Number: AA82130
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 22:00
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82130-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82130-A | E. coli | √ | SM 9223B-2004 | 11000 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82130-A | E. Coli Holding Time - IDEXX Colilert | | NA | 16.57 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

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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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Sample Location: HSM 230-2
Sample Number: AA82131
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 23:40
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82131-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82131-A | E. coli | √ | SM 9223B-2004 | 4400 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82131-A | E. Coli Holding Time - IDEXX Colilert | | NA | 14.90 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



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A - Outside upper acceptance criteria
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Sample Location: HSM 230-3
Sample Number: AA82132
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 01:15
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82132-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82132-A | E. coli | √ | SM 9223B-2004 | 1700 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82132-A | E. Coli Holding Time - IDEXX Colilert | | NA | 13.32 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

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Sample Location: HSM 231-1
Sample Number: AA82133
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 22:30
Receipt Date/Time: 8/16/13 09:27

CASE NARRATIVE

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

Analysis Comments: AA82133-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82133-A | E. coli | √ | SM 9223B-2004 | 12000 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82133-A | E. Coli Holding Time - IDEXX Colilert | | NA | 16.07 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

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Sample Location: HSM 231-2
Sample Number: AA82134
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 00:10
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82134-A E. coli
Sample analysis resumed despite being out of hold time; per customer instructions.

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> | |
| AA82134-A | E. coli | √ | SM 9223B-2004 | 2000 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82134-A | E. Coli Holding Time - IDEXX Colilert | | NA | 14.40 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

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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
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Sample Location: HSM 231-3
Sample Number: AA82135
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 01:45
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82135-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82135-A | E. coli | √ | SM 9223B-2004 | 1600 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82135-A | E. Coli Holding Time - IDEXX Colilert | | NA | 12.82 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

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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

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Sample Location: HSM 240-1
Sample Number: AA82136
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 21:45
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82136-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82136-A | E. coli | √ | SM 9223B-2004 | 9800 | MPN/100 mL | *H | 1 | 35846 | 8/16/13 | 14:34 | RSC/ZJ |
| AA82136-A | E. Coli Holding Time - IDEXX Colilert | | NA | 16.82 | hours | | 0.00 | 35845 | 8/16/13 | 14:34 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35846

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



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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

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Sample Location: HSM 240-2
Sample Number: AA82137
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 23:30
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82137-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82137-A | E. coli | √ | SM 9223B-2004 | 610 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82137-A | E. Coli Holding Time - IDEXX Colilert | | NA | 15.38 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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

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Sample Location: HSM 240-3
Sample Number: AA82138
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 01:20
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82138-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82138-A | E. coli | √ | SM 9223B-2004 | 210 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82138-A | E. Coli Holding Time - IDEXX Colilert | | NA | 13.55 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



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: HSM 250-1
Sample Number: AA82139
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 22:30
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82139-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82139-A | E. coli | √ | SM 9223B-2004 | 20000 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82139-A | E. Coli Holding Time - IDEXX Colilert | | NA | 16.38 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



August 22, 2013

Page 1 of 2

Client: Edwards Aquifer Authority
Mark Hamilton
1615 N. Saint Mary's St.
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Sample Location: HSM 250-2
Sample Number: AA82140
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 00:20
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82140-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82140-A | E. coli | √ | SM 9223B-2004 | 12000 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82140-A | E. Coli Holding Time - IDEXX Colilert | | NA | 14.55 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



August 22, 2013

Page 1 of 2

Client: Edwards Aquifer Authority
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Sample Location: HSM 250-3
Sample Number: AA82141
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 01:40
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82141-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82141-A | E. coli | √ | SM 9223B-2004 | 11000 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82141-A | E. Coli Holding Time - IDEXX Colilert | | NA | 13.22 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



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Sample Location: HSM 260-1
Sample Number: AA82142
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 21:25
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82142-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82142-A | E. coli | √ | SM 9223B-2004 | 1400 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82142-A | E. Coli Holding Time - IDEXX Colilert | | NA | 17.47 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



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Sample Location: HSM 260-2
Sample Number: AA82143
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 22:45
Receipt Date/Time: 8/16/13 09:27

CASE NARRATIVE

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

Analysis Comments: AA82143-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82143-A | E. coli | √ | SM 9223B-2004 | 3900 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82143-A | E. Coli Holding Time - IDEXX Colilert | | NA | 16.13 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



August 22, 2013

Page 1 of 2

Client: Edwards Aquifer Authority
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Sample Location: HSM 260-3
Sample Number: AA82144
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 23:45
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82144-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82144-A | E. coli | √ | SM 9223B-2004 | 6500 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82144-A | E. Coli Holding Time - IDEXX Colilert | | NA | 15.13 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



August 22, 2013

Page 1 of 2

Client: Edwards Aquifer Authority
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Sample Location: HSM 260FD
Sample Number: AA82145
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 23:45
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82145-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82145-A | E. coli | √ | SM 9223B-2004 | 6900 | MPN/100 mL | *H | 1 | 35848 | 8/16/13 | 14:53 | RSC/ZJ |
| AA82145-A | E. Coli Holding Time - IDEXX Colilert | | NA | 15.13 | hours | | 0.00 | 35847 | 8/16/13 | 14:53 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35848

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



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Sample Location: HSM 270-1
Sample Number: AA82146
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 22:05
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82146-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82146-A | E. coli | √ | SM 9223B-2004 | 4900 | MPN/100 mL | *H | 1 | 35850 | 8/16/13 | 15:03 | RSC/ZJ |
| AA82146-A | E. Coli Holding Time - IDEXX Colilert | | NA | 16.97 | hours | | 0.00 | 35849 | 8/16/13 | 15:03 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35850

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



August 22, 2013

Page 1 of 2

Client: Edwards Aquifer Authority
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Sample Location: HSM 270-2
Sample Number: AA82147
Sample Matrix: Non Potable Water

Collection Date/Time: 8/15/13 23:15
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82147-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82147-A | E. coli | √ | SM 9223B-2004 | 4900 | MPN/100 mL | *H | 1 | 35850 | 8/16/13 | 15:03 | RSC/ZJ |
| AA82147-A | E. Coli Holding Time - IDEXX Colilert | | NA | 15.80 | hours | | 0.00 | 35849 | 8/16/13 | 15:03 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35850

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

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



August 22, 2013

Page 1 of 2

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Sample Location: HSM 270-3
Sample Number: AA82148
Sample Matrix: Non Potable Water

Collection Date/Time: 8/16/13 00:30
Receipt Date/Time: 8/16/13 09:27

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 .

Analysis Comments: AA82148-A E. coli
Sample analysis proceeded despite out of hold time; per customer instructions.

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> | |
| AA82148-A | E. coli | √ | SM 9223B-2004 | 5200 | MPN/100 mL | *H | 1 | 35850 | 8/16/13 | 15:03 | RSC/ZJ |
| AA82148-A | E. Coli Holding Time - IDEXX Colilert | | NA | 14.55 | hours | | 0.00 | 35849 | 8/16/13 | 15:03 | RSC/ZJ |

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



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-35850

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



8/22/2013

Patricia M. Carvajal
Quality Control & Data Management Supervisor

Date

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

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