



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 110
Sample Number: AA80047
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 09:35
Receipt Date/Time: 4/16/13 13:30

CASE NARRATIVE

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

No sample and/or analysis comment(s)

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>	
AA80047-A	E. coli	√	SM 9223B-2004	2	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80047-A	E. Coli Holding Time - IDEXX Colilert		NA	6.67	hours		0.00	34561	4/16/13	16:15	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 4)

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-34562

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



4/19/2013

Jeanette Hernandez
Water Quality Planner / QAO

Date

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(Attachment 4)

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Sample Location: HSM 120
Sample Number: AA80048
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 10:00
Receipt Date/Time: 4/16/13 13:30

CASE NARRATIVE

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No sample and/or analysis comment(s)

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>	
AA80048-A	E. coli	√	SM 9223B-2004	22	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80048-A	E. Coli Holding Time - IDEXX Colilert		NA	6.25	hours		0.00	34561	4/16/13	16:15	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 4)

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-34562

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



Jeanette Hernandez
Water Quality Planner / QAO

4/19/2013

Date

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Sample Location: HSM 130
Sample Number: AA80049
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 10:30
Receipt Date/Time: 4/16/13 13:30

CASE NARRATIVE

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No sample and/or analysis comment(s)

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>	
AA80049-A	E. coli	√	SM 9223B-2004	99	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80049-A	E. Coli Holding Time - IDEXX Colilert		NA	5.75	hours		0.00	34561	4/16/13	16:15	RSC

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(Attachment 4)

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J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-34562

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



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April 19, 2013

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Sample Location: HSM 140
Sample Number: AA80050
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 11:15
Receipt Date/Time: 4/16/13 13:30

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ANALYTICAL RESULTS

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							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA80050-A	E. coli	√	SM 9223B-2004	93	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80050-A	E. Coli Holding Time - IDEXX Colilert		NA	5.00	hours		0.00	34561	4/16/13	16:15	RSC

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* - See Case Narrative
--- - Not Applicable



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-34562

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



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Sample Location: HSM 150
Sample Number: AA80051
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 11:50
Receipt Date/Time: 4/16/13 13:30

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No sample and/or analysis comment(s)

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>	
AA80051-A	E. coli	√	SM 9223B-2004	63	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80051-A	E. Coli Holding Time - IDEXX Colilert		NA	4.42	hours		0.00	34561	4/16/13	16:15	RSC

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D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 4)

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-34562

Acceptance Criteria

QC Analyte Name
Initial Blank for E. coli

Result
Absent

Units

Qualifier

Lower

Target
Absent

Upper



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Sample Location: HSM 160
Sample Number: AA80052
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 12:45
Receipt Date/Time: 4/16/13 13:30

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ANALYTICAL RESULTS

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							<u>Limit</u>	<u>Number</u>	<u>Date</u>	<u>Time</u>	
AA80052-A	E. coli	√	SM 9223B-2004	81	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80052-A	E. Coli Holding Time - IDEXX Colilert		NA	3.50	hours		0.00	34561	4/16/13	16:15	RSC

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(Attachment 4)

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ANALYTICAL REPORT



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-34562

Acceptance Criteria

QC Analyte Name
Initial Blank for E. coli

Result
Absent

Units

Qualifier

Lower

Target
Absent

Upper



4/19/2013

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Date

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(Attachment 4)

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Sample Location: HSM 160 FD
Sample Number: AA80053
Sample Matrix: Non Potable Water

Collection Date/Time: 4/16/13 12:45
Receipt Date/Time: 4/16/13 13:30

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>	
AA80053-A	E. coli	√	SM 9223B-2004	93	MPN/100 mL		1	34562	4/16/13	16:15	RSC
AA80053-A	E. Coli Holding Time - IDEXX Colilert		NA	3.50	hours		0.00	34561	4/16/13	16:15	RSC

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(Attachment 4)

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J - Analyte detected outside quantitation limit

* - See Case Narrative
--- - Not Applicable



QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-34562

Acceptance Criteria

QC Analyte Name
Initial Blank for E. coli

Result
Absent

Units

Qualifier

Lower

Target
Absent

Upper



4/19/2013

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Water Quality Planner / QAO

Date

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T - Microbiological Controls were unacceptable
(Attachment 4)

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Sample Location: HSM 170
Sample Number: AA80063
Sample Matrix: Non Potable Water

Collection Date/Time: 4/17/13 10:50
Receipt Date/Time: 4/17/13 13:13

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>	
AA80063-A	E. coli	√	SM 9223B-2004	150	MPN/100 mL		1	34572	4/17/13	15:48	RSC
AA80063-A	E. Coli Holding Time - IDEXX Colilert		NA	4.97	hours		0.00	34571	4/17/13	15:48	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 4)

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-34572

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



4/19/2013

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Water Quality Planner / QAO

Date

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(Attachment 4)

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--- - Not Applicable