

ANALYTICAL REPORT



April 16, 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 110
Sample Number: AA80006
Sample Matrix: Non Potable Water

Collection Date/Time: 4/15/13 10:00
Receipt Date/Time: 4/15/13 15:22

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.

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>	
AA80006-A	E. coli	√	SM 9223B-2004	1900	MPN/100 mL		1	34554	4/15/13	15:23	RSC
AA80006-A	E. Coli Holding Time - IDEXX Colilert		NA	5.38	hours		0.00	34553	4/15/13	15:23	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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-34554

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli
Log Range for E. coli

Result

Absent
0.0593

Units

Qualifier

Lower

0.0

Target

Absent

Upper

0.5



Jeanette Hernandez
Water Quality Planner / QAO

4/16/2013

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



April 16, 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 120
Sample Number: AA80007
Sample Matrix: Non Potable Water

Collection Date/Time: 4/15/13 10:35
Receipt Date/Time: 4/15/13 15:22

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.

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>	
AA80007-A	E. coli	√	SM 9223B-2004	26	MPN/100 mL		1	34554	4/15/13	15:23	RSC
AA80007-A	E. Coli Holding Time - IDEXX Colilert		NA	4.80	hours		0.00	34553	4/15/13	15:23	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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-34554

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



Jeanette Hernandez
Water Quality Planner / QAO

4/16/2013

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



April 16, 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 130
Sample Number: AA80010
Sample Matrix: Non Potable Water

Collection Date/Time: 4/15/13 12:20
Receipt Date/Time: 4/15/13 15:22

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.

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>	
AA80010-A	E. coli	√	SM 9223B-2004	80	MPN/100 mL		1	34554	4/15/13	15:23	RSC
AA80010-A	E. Coli Holding Time - IDEXX Colilert		NA	3.05	hours		0.00	34553	4/15/13	15:23	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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-34554

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



Jeanette Hernandez
Water Quality Planner / QAO

4/16/2013

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



April 16, 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 140
Sample Number: AA80008
Sample Matrix: Non Potable Water

Collection Date/Time: 4/15/13 11:15
Receipt Date/Time: 4/15/13 15:22

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.

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>	
AA80008-A	E. coli	√	SM 9223B-2004	310	MPN/100 mL		1	34554	4/15/13	15:23	RSC
AA80008-A	E. Coli Holding Time - IDEXX Colilert		NA	4.13	hours		0.00	34553	4/15/13	15:23	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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-34554

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



4/16/2013

Jeanette Hernandez
Water Quality Planner / QAO

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



April 16, 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 140 FD
Sample Number: AA80009
Sample Matrix: Non Potable Water

Collection Date/Time: 4/15/13 11:15
Receipt Date/Time: 4/15/13 15:22

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.

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>	
AA80009-A	E. coli	√	SM 9223B-2004	200	MPN/100 mL		1	34554	4/15/13	15:23	RSC
AA80009-A	E. Coli Holding Time - IDEXX Colilert		NA	4.13	hours		0.00	34553	4/15/13	15:23	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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-34554

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



Jeanette Hernandez
Water Quality Planner / QAO

4/16/2013

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

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 160
Sample Number: AA80011
Sample Matrix: Non Potable Water

Collection Date/Time: 4/15/13 13:00
Receipt Date/Time: 4/15/13 15:22

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.

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>	
AA80011-A	E. coli	√	SM 9223B-2004	180	MPN/100 mL		1	34554	4/15/13	15:23	RSC
AA80011-A	E. Coli Holding Time - IDEXX Colilert		NA	2.38	hours		0.00	34553	4/15/13	15:23	RSC

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

* - See Case Narrative
--- - Not Applicable

ANALYTICAL REPORT



April 16, 2013

Page 2 of 2

QC ANALYTICAL RESULTS

QC Batch Name: E_COLI_QUANTITRAY-34554

Acceptance Criteria

QC Analyte Name

Initial Blank for E. coli

Result

Absent

Units

Qualifier

Lower

Target

Absent

Upper



Jeanette Hernandez
Water Quality Planner / QAO

4/16/2013

Date

A - Outside upper acceptance criteria
D - Outside lower acceptance criteria
T - Microbiological Controls were unacceptable
(Attachment 3)

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

* - See Case Narrative
--- - Not Applicable