



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19052491

Date Reported 5/25/2019

CLIENT: Cordry Sweetwater
Project: E coli

Lab Order: 19052491

Lab ID: 19052491-001

Collection Date: 5/22/2019 10:00:00 AM

Client Sample ID: North

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: **SKE**

E. Coli Bacteria	18.5	1.0		MPN/100ml	1	5/22/2019 11:30:00 AM
------------------	------	-----	--	-----------	---	-----------------------

Lab ID: 19052491-002

Collection Date: 5/22/2019 10:00:00 AM

Client Sample ID: South

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: **SKE**

E. Coli Bacteria	7.4	1.0		MPN/100ml	1	5/22/2019 11:30:00 AM
------------------	-----	-----	--	-----------	---	-----------------------

Qualifiers: H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19053103
 Date Reported 5/31/2019

CLIENT: Cordry Sweetwater
 Project: E coli

Lab Order: 19053103

Lab ID: 19053103-001
 Client Sample ID: North Beach

Collection Date: 5/29/2019 8:06:00 AM
 Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: SKE

E. Coli Bacteria	13.2	1.0		MPN/100ml	1	5/29/2019 10:50:00 AM
------------------	------	-----	--	-----------	---	-----------------------

Lab ID: 19053103-002
 Client Sample ID: South Beach

Collection Date: 5/29/2019 8:13:00 AM
 Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: SKE

E. Coli Bacteria	5.1	1.0		MPN/100ml	1	5/29/2019 10:50:00 AM
------------------	-----	-----	--	-----------	---	-----------------------

Qualifiers:

H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
ND	Not Detected at the Reporting Limit	PL	Permit Limit
PQL	Practical Quantitation Limit	RL	Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19060555
 Date Reported 6/10/2019

CLIENT: Cordry Sweetwater
Project: E coli

Lab Order: 19060555

Lab ID: 19060555-001
Client Sample ID: North Beach

Collection Date: 6/5/2019 8:45:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: **CSP**

E. Coli Bacteria	248	1.0		MPN/100ml	1	6/5/2019 12:15:00 PM
------------------	-----	-----	--	-----------	---	----------------------

Lab ID: 19060555-002
Client Sample ID: South Beach

Collection Date: 6/5/2019 8:45:00 AM
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: **CSP**

E. Coli Bacteria	2.0	1.0		MPN/100ml	1	6/5/2019 12:15:00 PM
------------------	-----	-----	--	-----------	---	----------------------

Qualifiers: H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19062467

Date Reported 6/26/2019

CLIENT: Cordry Sweetwater

Lab Order: 19062467

Project: E coli

Lab ID: 19062467-001

Collection Date: 6/18/2019 10:30:00 AM

Client Sample ID: North Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN M9223B Analyst: SKE

E. Coli Bacteria	41.4	1.0		MPN/100ml	1	6/18/2019 2:10:00 PM
------------------	------	-----	--	-----------	---	----------------------

Lab ID: 19062467-002

Collection Date: 6/18/2019 10:30:00 AM

Client Sample ID: South Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN M9223B Analyst: SKE

E. Coli Bacteria	93.4	1.0		MPN/100ml	1	6/18/2019 2:10:00 PM
------------------	------	-----	--	-----------	---	----------------------

Qualifiers:
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19063277

Date Reported 6/28/2019

CLIENT: Cordry Sweetwater

Lab Order: 19063277

Project: E coli

Lab ID: 19063277-001

Collection Date: 6/26/2019 10:05:00 AM

Client Sample ID: North

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: SKE

E. Coli Bacteria	5.2	1.0		MPN/100ml	1	6/26/2019 12:00:00 PM
------------------	-----	-----	--	-----------	---	-----------------------

Lab ID: 19063277-002

Collection Date: 6/26/2019 10:10:00 AM

Client Sample ID: South

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: SKE

E. Coli Bacteria	55.7	1.0		MPN/100ml	1	6/26/2019 12:00:00 PM
------------------	------	-----	--	-----------	---	-----------------------

Qualifiers:

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19070210

Date Reported 7/16/2019

CLIENT: Cordry Sweetwater

Lab Order: 19070210

Project: E coli

Lab ID: 19070210-001

Collection Date: 7/2/2019 10:15:00 AM

Client Sample ID: North Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN		M9223B			Analyst: KXE	
E. Coli Bacteria	19.5	1.0		MPN/100ml	1	7/2/2019 11:30:00 AM

Lab ID: 19070210-002

Collection Date: 7/2/2019 10:15:00 AM

Client Sample ID: South Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN		M9223B			Analyst: KXE	
E. Coli Bacteria	46.5	1.0		MPN/100ml	1	7/2/2019 11:30:00 AM

Qualifiers:
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19071351

Date Reported 7/16/2019

CLIENT: Cordry Sweetwater

Lab Order: 19071351

Project: E coli

Lab ID: 19071351-001

Collection Date: 7/10/2019 8:00:00 AM

Client Sample ID: North Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: **KXE**

E. Coli Bacteria	< 1.0	1.0		MPN/100ml	1	7/10/2019 7:40:00 PM
------------------	-------	-----	--	-----------	---	----------------------

Lab ID: 19071351-002

Collection Date: 7/10/2019 8:00:00 AM

Client Sample ID: South Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: **KXE**

E. Coli Bacteria	< 1.0	1.0		MPN/100ml	1	7/10/2019 7:40:00 PM
------------------	-------	-----	--	-----------	---	----------------------

Qualifiers:
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19072189
 Date Reported 7/25/2019

CLIENT: Cordry Sweetwater
 Project: E coli

Lab Order: 19072189

Lab ID: 19072189-001
 Client Sample ID: North Beach

Collection Date: 7/17/2019 3:05:00 PM
 Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN				M9223B		Analyst: KXE
E. Coli Bacteria	5.2	1.0		MPN/100ml	1	7/17/2019 4:45:00 PM

Lab ID: 19072189-002
 Client Sample ID: South Beach

Collection Date: 7/17/2019 3:10:00 PM
 Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN				M9223B		Analyst: KXE
E. Coli Bacteria	4.1	1.0		MPN/100ml	1	7/17/2019 4:45:00 PM

Qualifiers:
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19072839

Date Reported 8/29/2019

CLIENT: Cordry Sweetwater
Project: E coli

Lab Order: 19072839

Lab ID: 19072839-001

Collection Date: 7/24/2019 7:45:00 AM

Client Sample ID: North Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
E COLI BACTERIA BY MPN				M9223B		Analyst: SKE
E. Coli Bacteria	2.0	1.0		MPN/100ml	1	7/24/2019 11:05:00 AM

Lab ID: 19072839-002

Collection Date: 7/24/2019 7:45:00 AM

Client Sample ID: South Beach

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
E COLI BACTERIA BY MPN				M9223B		Analyst: SKE
E. Coli Bacteria	2.0	1.0		MPN/100ml	1	7/24/2019 11:05:00 AM

Qualifiers:	H	Holding times for preparation or analysis exceeded	M	Manual Integration used to determine area response
	ND	Not Detected at the Reporting Limit	PL	Permit Limit
	PQL	Practical Quantitation Limit	RL	Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19080947
 Date Reported 8/12/2019

CLIENT: Cordry Sweetwater
 Project: E coli

Lab Order: 19080947

Lab ID: 19080947-001
 Client Sample ID: Beach South

Collection Date: 8/7/2019 9:15:00 AM
 Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	6.0	1.0		MPN/100ml	1	8/7/2019 1:15:00 PM
------------------	-----	-----	--	-----------	---	---------------------

Lab ID: 19080947-002
 Client Sample ID: Beach North

Collection Date: 8/7/2019 9:15:00 AM
 Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	< 1.0	1.0		MPN/100ml	1	8/7/2019 1:15:00 PM
------------------	-------	-----	--	-----------	---	---------------------

Qualifiers: H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19081793

Date Reported 8/19/2019

CLIENT: Cordry Sweetwater

Lab Order: 19081793

Project: E coli

Lab ID: 19081793-001

Collection Date: 8/14/2019 8:00:00 AM

Client Sample ID: Beach South

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	2.0	1.0	H	MPN/100ml	1	8/15/2019 4:10:00 PM
------------------	-----	-----	---	-----------	---	----------------------

Lab ID: 19081793-002

Collection Date: 8/14/2019 8:00:00 AM

Client Sample ID: Beach North

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	2.0	1.0	H	MPN/100ml	1	8/15/2019 4:10:00 PM
------------------	-----	-----	---	-----------	---	----------------------

Qualifiers:
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19082777

Date Reported 8/28/2019

CLIENT: Cordry Sweetwater

Lab Order: 19082777

Project: E coli

Lab ID: 19082777-001

Collection Date: 8/21/2019 8:00:00 AM

Client Sample ID: North

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	3.1	1.0		MPN/100ml	1	8/21/2019 11:55:00 AM
------------------	-----	-----	--	-----------	---	-----------------------

Lab ID: 19082777-002

Collection Date: 8/21/2019 8:00:00 AM

Client Sample ID: South

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	1.0	1.0		MPN/100ml	1	8/21/2019 11:55:00 AM
------------------	-----	-----	--	-----------	---	-----------------------

Qualifiers: H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit



Element Materials Technology - Columbus
 8800 North US 31
 Columbus, IN 47201
 TEL: (812) 375-0531 FAX: (812) 375-0731
 Website: www.element.com

Analytical Report

(continuous)

WO#: 19083505

Date Reported 8/29/2019

CLIENT: Cordry Sweetwater
 Project: E coli

Lab Order: 19083505

Lab ID: 19083505-001

Collection Date: 8/28/2019 8:15:00 AM

Client Sample ID: North

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	3.1	1.0		MPN/100ml	1	8/28/2019 11:50:00 AM
------------------	-----	-----	--	-----------	---	-----------------------

Lab ID: 19083505-002

Collection Date: 8/28/2019 8:15:00 AM

Client Sample ID: South

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

E COLI BACTERIA BY MPN

M9223B

Analyst: CSP

E. Coli Bacteria	5.2	1.0		MPN/100ml	1	8/28/2019 11:50:00 AM
------------------	-----	-----	--	-----------	---	-----------------------

Qualifiers:
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 PQL Practical Quantitation Limit

M Manual Integration used to determine area response
 PL Permit Limit
 RL Reporting Detection Limit