

## ABCWUA Compliance Division Protocol Agreement

Effective Date: 12/6/18 Program: WT Protocol: COLI Revision: 05

**Objective:** Testing of facilities including wells, collector lines, new lines, etc. after rehabilitation, maintenance or new construction. Water may or may not be chlorinated. For use when Presence/Absence only, colony count not required.

**Reference Document(s) :** NMAC 20.7.10.400 - General Operating Requirements; AWWA C652-02; AWWA Standard for Disinfecting Water Storage Facilities; AWWA C654-03; Standard for Disinfection of Wells.

**Sample Purpose:** NMAC General operating requirements Compliance sampling. Results not reported, but required to be on record.

**Sample Collection Type/Details:** Grab

**Sample Collection Frequency:** As needed

**Sample Matrix:** Water

**Sample Point Nomenclature Convention:** May include WW (water wells), WPS (water pump stations), WR (Water Reservoirs), RT field blanks (ie, RT100FB) and other facility prefixes.

**Sampling Personnel:** Certified Water Operator - Level II minimum. NM Sampler ID must be logged.

**Field Instructions:** Flush tap for five (5) minutes. Use colorimeter to determine free and total chlorine residual. "0.0" should be recorded for non-chlorinated waters. Mark bottle label with sample point ID, date, collection time, and sampler's initials. Store on ice at <10°C. Temperature verification not required if sample is delivered to laboratory within two (2) hours of collection.

**Laboratory Instructions:** Free and total chlorine is required at log in. Analysis must begin within 8 hours of sample collection. When possible run the 18hr Colilert. Report results as soon as possible.

**External Laboratory Instructions:** N/A

**Special Handling Instructions:** Field parameters, Sampler's initials, NM Sampler ID, and meter serial number to be logged as sample attributes.

**Chain of Custody:** Required ☐ Yes ☒ No

**QA/QC Data Requirements:** QA/QC data required and available upon request.

Revision History		
Revision	Effective Date	Description of Changes
# 04		Removed requirement to "always use 18 hour colilert". Changed " Turn Around Time" from 18 hours. Changed price from \$25 to \$37

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05	Added in field blanks and changed personnel.
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Client Contact(s) (include names of persons responsible for taking action if there is an exceedance or problem with sample):

Priority	Contact	Title	Phone	Cell Phone	Email
1	Pete English	WQ Specialist	289-3353		<a href="mailto:penglish@abcwua.org">penglish@abcwua.org</a>
2	Michael Richardson	WQ Supervisor	289-3383	553-5731	<a href="mailto:mrichardson@abcwua.org">mrichardson@abcwua.org</a>
3	Elizabeth Anderson	Program Manager/WQ	289-3382	414-4043	<a href="mailto:eanderson@abcwua.org">eanderson@abcwua.org</a>

Reporting Criteria: Reporting Format: Email notification as PDF with a database view available to query results.

Billing Method (expedited turnaround time costs more): 21160

### Protocol Agreement:

Protocol Agreement can only be approved or modified by 1) Compliance Division Manager, 2) Two Program Managers, or 3) Designated External Client Representative, and WQL Program Manager.

MICHAEL RICHARDSON  
Prepared by

WATER QUALITY SUPERVISOR  
Title

12/6/2018  
Date

  
Program Manager

12/6/2018  
Approval Date

Designated External Client Representative

Title

Approval Date

Compliance Division Manager

Approval Date

  
WQL Program Manager

12/6/18  
Approval Date

ABCWUA Compliance Division Protocol Agreement  
Protocol Analyses Definition

Program: WT

Protocol: COLI

Revision: 05

Program: WI		Protocol: COLI		Revision: 05											
Primary Laboratory	External Laboratory	Sample Kit	Analyte	Method	Preservation	Units	EPA D/Q Limit	EPA D/Q Limit Type	Hold Time	Turn Around Time	Analyte Cost	Reg Limit	Flag Limit		
WQL	NA	One (1) 125 mL sterile microbiological collection bottle with Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> as supplied by WQL	Escherichia Coli	SM9223 B-2004	<10° C	Presence=1 Absence=0			8 hrs.	24 hr.	\$37.00	0	1		
			Total Coliform	SM9223 B-2004	<10° C	Presence=1 Absence=0			8 hrs.	24 hr.		0	1		
Field	Field	Hach Chlorine Pocket Colorimeter	FLDCL2 (Free Chlorine Residual)	SM4500 Cl, G-2000								0.2	4		
			FLDTCL2 (Total Chlorine Residual)	SM4500 Cl, G-2000							0.2	4			
		NA	Sampler's Initials and ID #												
			Hach Meter Number												
* Any approved method in 40 CFR 136.141, or 143 as applicable may be substituted.										Sample Cost:	\$37.00				

\*Any approved method in 40 CFR 136, 141, or 143 as applicable may be substituted.