



**Revised Total Coliform Rule (RTCR)
Microbiological Sample Siting Plan (MSSP) Notice of Intent**

Respond by December 15, 2015

Send completed form by mail, e-mail: RTCR@azdeq.gov; or fax: 602-771-4634

A. Public Water System (PWS) ID Number		B. PWS Name	
C. Contact Person and Title		D. Phone Number	E. Regulatory Agency
			<input type="checkbox"/> ADEQ <input type="checkbox"/> MCESD <input type="checkbox"/> PDEQ
F. Indicate how the PWS will conduct ROUTINE Sampling (40 CFR § 141.853 (a)(1)):			
<p>All PWSs must have a microbiological sample siting plan (MSSP) which includes all <u>routine</u>, <u>repeat</u> and <u>ground water well source sampling locations</u> (if the PWS is subject to the Ground Water Rule (GWR)), no later than March 31, 2016). PWSs must collect the ROUTINE sample(s) at regular intervals throughout the monitoring period. Systems collecting one (1) ROUTINE sample per month or quarter should collect the sample near the same time each monitoring period.</p> <p>PWS will collect the required number of ROUTINE samples each monitoring period at (select all that apply):</p> <p><input type="checkbox"/> The same ROUTINE sampling locations identified in the MSSP.</p> <p><input type="checkbox"/> Additional ROUTINE sampling locations identified in the MSSP.</p> <p><input type="checkbox"/> ROUTINE sampling locations that may be rotated throughout the sampling period in accordance with Standard Operating Procedures identified in the MSSP.</p>			
G. Indicate how the PWS will conduct REPEAT Sampling (40 CFR § 141.853 (a)(5)):			
<p>All PWSs will be required to collect three (3) REPEAT samples for each total coliform positive (TC+) ROUTINE sample location. The DEFAULT locations for each sample within the "REPEAT sample set" includes one sample:</p> <ul style="list-style-type: none"> • <i>At the original ROUTINE location site that was TC+ and;</i> • <i>Within five (5) service connections upstream from the ROUTINE location site that was TC+ and;</i> • <i>Within five (5) service connections downstream from the ROUTINE location site that was TC+.</i> <p>PWS's may elect to sample at ALTERNATE locations for each sample within the REPEAT sample set with regulatory agency approval. The ALTERNATE locations for each sample within the "REPEAT sample set" include one sample at:</p> <ul style="list-style-type: none"> • <i>The original ROUTINE location site that was TC+ and;</i> • <i>The first regulatory agency approved alternate location site (PWS may elect to use the well for the dual purpose sample for the Ground Water Rule (GWR) and RTCR or may elect to use another alternate site) and;</i> • <i>The second regulatory agency approved alternate site.</i> <p>PWS will collect one (1) "REPEAT sample set" at the (select one):</p> <p><input type="checkbox"/> DEFAULT location sites as described above for each TC+ ROUTINE sample.</p> <p><input type="checkbox"/> ALTERNATE location sites in accordance with Standard Operating Procedures identified in the MSSP for each TC+ Routine sample. In accordance with (40 CFR § 141.853 (a)(5)(i)), the system must submit a proposed MSSP to the regulatory agency for approval. This election <u>does not require</u> written regulatory agency approval of the proposed MSSP prior to use by the PWS. The regulatory agency may modify the "REPEAT sample set" locations or the MSSP as needed to differentiate potential source water and distribution system contamination or to better represent water quality in the distribution system.</p>			
H. Do any of the following elections or conditions apply to the PWS (select all that apply)?			
<p><input type="checkbox"/> 1. <u>This PWS is a seasonal system on less-than-monthly monitoring.</u> In accordance with 40 CFR § 141.854 (i)(2)(i) Seasonal systems on a less-than-monthly monitoring frequency must have an approved sample siting plan that designates the time period for when they would monitor that must be based on site-specific considerations. This election requires written regulatory agency approval of the proposed MSSP prior to use by the PWS.</p> <p><input type="checkbox"/> 2. <u>This PWS serves 1000 people or less, has a single ground water source (well), and elects to have dual purpose sample for the Ground Water Rule (GWR) and RTCR.</u> In accordance with (40 CFR § 141.853 (a) (5)(ii)) Ground water systems serving 1,000 or fewer people proposing a dual purpose sample for GWR and RTCR must demonstrate that the sample siting plan remains representative of water quality in the distribution system. This election requires written regulatory agency approval of the proposed MSSP prior to use by the PWS.</p>			