

**COMMUNITY WATER SYSTEM - WORKSHEET - GROUNDWATER
NON TRANSIENT - NONCOMMUNITY - WORKSHEET GROUNDWATER**

PWS #:

PWS NAME:

Prepared By:

Date:

Initial Monitoring Year: _____
This PWS has _____ POEs MAP Year: _____

Phase II:

Phase V:

Rad Chems:

Population:

Service Con:

RULE CITATION	REQUIRED M & R	YOU HAVE COMPLETED	WHAT YOU NEED	COMMENTS
TOTAL COLIFORM Microbiological R18-4-202 No Grandfathered Data	<u>Monthly, based on population at sites representative of the water throughout the distribution system.</u>			
INORGANIC (IOC) R18-4-205 Grandfather Data 1990 - 1992 for 93-95 Compliance Period.	<u>One sample at each POE due once every 3 years during each compliance period.</u>	<u>Compliance Period 1993-1995</u> <u>Compliance Period 1996-1998</u> <u>Compliance Period 1999-2001</u>		< 10,000 Population - ADEQ Monitoring Assistance Program (MAP) will begin monitoring during <u>Compliance Period 1999 to 2001</u>, and will determine the required monitoring.
ASBESTOS R18-4-207 Grandfather Data After 1990	<u>One sample at each POE due in the initial monitoring year. Due once every 9 years.</u>			
NITRATE R18-4-208 No Grandfather Data	<u>One annual sample at each POE.</u>			

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<p>NITRITE R18-4-209 No Grandfather Data</p>	<p>One sample at each POE <u>due in the initial monitoring year. Due once every 9 years.</u></p>			
<p>VOLATILE ORGANIC CHEMICAL (VOC) R-18-4-211 & R18-4-212 Grandfather Data 1988-1992 for 93 - 95 Compliance Period.</p>	<p><u>Grandfather Data</u> plus 2 annual samples at each POE during 93-98 Compliance Periods. <u>No Grandfather Data:</u> 4 consecutive quarterly samples at each POE during the initial monitoring year plus 2 annual samples during 93-98 Compliance Periods. Apply for reduced after 4 Qtrs plus 2 annual samples with no detect.</p>	<p align="center"><u>Compliance Period 1993-1995</u> <u>Compliance Period 1996-1998</u> <u>Compliance Period 1999-2001</u></p>		<p>< 10,000 Population - ADEQ Monitoring Assistance Program (MAP) will begin monitoring during Compliance Period 1999 to 2001, and will determine the required monitoring.</p>

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<p>SYNTHETIC ORGANIC CHEMICALS (SOC)</p> <p>R18-4-215 & R18-4-216 Grandfather Data 1990 - 1992 for 93 - 95 Compliance Period.</p>	<p><u>Grandfather Data</u> 1993 - 1995, no additional monitoring required until 96 - 98 Compliance Period.</p> <p><u>No Grandfather Data:</u> GW Only -- < 10,000 population, apply for Interim Monitoring Relief (IMR). Take one round of samples between 08/06/96 and 08/06/99, for ALL SOC at each POE in lieu of 4 consecutive quarters and certify depth to groundwater > 20 feet. < 3,300 population take 4 consecutive quarterly samples at each POE during 93-95. Take 1 sample for each contaminant during repeat compliance periods. Compliance Period 1999-2000 - apply for reduced monitoring. >3,300 population take 2 non-consecutive quarterly samples at each POE for each contaminant during repeat compliance periods. (See rule for waivers/ reduced).</p>	<p><u>Compliance Period 1993-1995</u></p> <p><u>Compliance Period 1996-1998</u></p> <p><u>Compliance Period 1999-2001</u></p>		<p>< 10,000 Population - ADEQ Monitoring Assistance Program (MAP) will begin monitoring during <u>Compliance Period 1999 to 2001</u>, and will determine the required monitoring.</p>
<p>RADIOCHEMICAL</p> <p>R18-4-217 No Grandfather Data.</p> <p><u>Community Water System Only</u></p>	<p>Due at <u>4 year intervals</u> based on the annual composite of 4 consecutive quarterly samples OR the average of the results of 4 samples taken at quarterly intervals at the POE per rules effective 06/03/98. <u>May be approved for grab samples.</u></p>	<p><u>4 Year Compliance Intervals</u></p> <p>POE DWR #</p>		

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<p>LEAD & COPPER R18-4-306 to R18-4-317</p>	<p>R18-4-310: Number of required samples is based on population. Collect 2 consecutive 6-month initial tap water samples. No action level exceedances - apply for reduced sampling.</p>			
<p>SULFATE R18-4-401 Grandfather after 1990 if results are < 250 mg/L.</p>	<p>Take one sample at each POE before <u>12/31/95</u>. Due once every 5 years.</p>	<p><u>5 Year Compliance Interval</u> Initial Sample Due 12/31/95.</p>		<p>< 10,000 Population - ADEQ Monitoring Assistance Program (MAP) will begin monitoring during <u>Compliance Period 1999 to 2001</u>, and will determine the required monitoring.</p>
<p>SODIUM R18-4-402 No Grandfather Data. R18-4-101.104</p>	<p>Samples based on the number of Water Treatment Plants (WTP). One sample every 3 years for each WTP. <u>A Booster Chlorinator is NOT a WTP. A Chlorinator IS a WTP. Due in initial monitoring year.</u></p>	<p><u>3 Year Compliance Intervals</u></p>		<p>< 10,000 Population - ADEQ Monitoring Assistance Program (MAP) will begin monitoring during <u>Compliance Period 1999 to 2001</u>, and will determine the required monitoring.</p>
<p>UNREGULATED VOC R18-4-404 Grandfather Data after 1983</p>	<p>Take one sample at each POE. Due once every 5 years. <u>Due in the initial monitoring year.</u></p>	<p><u>5 Year Compliance Intervals</u></p>		<p>Effective March 9, 1999, PWS with < 10,000 Population no longer have to sample for unregulated contaminants. ADEQ has issued an EXCLUSION until EPA modifies it rules.</p>

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<p>UNREGULATED SOC R18-4-405 No Grandfather Data</p>	<p>GW Only -- < 10,000 population, apply for Interim Monitoring Relief (IMR). Take one round of samples between 08/06/96 and 08/06/99, for ALL UNREGULATED SOC at each POE <u>in lieu of 4 consecutive quarters</u> and certify depth to groundwater > 20 feet. OR take 4 consecutive quarterly samples at each POE before <u>12/31/95. Due once every 5 years.</u></p>	<p><u>5 Year Compliance Intervals</u> Initial Sample Due 12/31/95.</p>		<p>Effective March 9, 1999, PWS with < 10,000 Population no longer have to sample for unregulated contaminants. ADEQ has issued an EXCLUSION until EPA modifies it rules.</p>
<p>CERTIFIED OPERATOR R18-4-114 Drinking Water Rules R18-5-101. Chapter 5, Article 1: Environmental Reviews & Certifications-General Requirements.</p>	<p>Drinking Water Rules: A water supplier of a PWS shall provide for a certified operator who is properly certified pursuant to Chapter 5, Article 1, to operate each WTP and distribution system. Operator Certification Rules: Distribution systems are classified according to population served.</p>			

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<p>PUBLIC NOTICE R18-4-105</p>	<p>A water supplier of a public water system that fails to conduct required monitoring shall publish notice in a daily newspaper of general circulation within 3 months of the monitoring violation OR if a Community Water System is located in an area NOT served by a daily newspaper the water supplier shall publish notice in a weekly newspaper of general circulation within 3 months of the violations.</p> <p>Repeat public notice is required every 3 months for as long as the violations exist.</p> <p><u>See Rule for complete details ON Public Notice for Acute & Non-acute MCL and monitoring and reporting violations.</u></p>	<p>MINOR DEFICIENCY ADEQ HAS NO RECORD THAT PWS ISSUED PUBLIC NOTICE TO PERSONS SERVED BY THE WATER SYSTEM OF THE VIOLATIONS LISTED IN THIS WORKSHEET.</p>	<p>MINOR DEFICIENCY IMMEDIATELY ISSUE PUBLIC NOTICE TO PERSONS SERVED BY THE WATER SYSTEM OF THE VIOLATIONS LISTED IN THIS WORKSHEET.</p> <p>If you have any questions or need assistance call ADEQ.</p>	

LAST INSPECTION - OPERATIONS & MAINTENANCE:

QUESTIONS -- PLEASE CALL TOLL FREE IN ARIZONA:

Monitoring Assistance Program (MAP)	Moncef Tihami, Manager, 1-800-234-5677, ext. 4425, or Anthony Bode, 1-800-234-5677, ext. 4532
Operator Certification	Bill Reed, 1-800-234-5677, ext. 4638
Drinking Water Compliance Enforcement	1-800-234-5677, ext. 4624
Consumer Confidence Reporting (CCR)	1-800-234-5677, ext. 4624
Internet Website: www.adeq.state.az.us/	

Official Copy of Drinking Water Rules can be obtained from Secretary of State-Publications (602) 542-4086 - A.A.C. Title 18, Chapter 4, Rules.

cc: Facility File PWS

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REVISED 12/08/99 - NMK- A:\CWS-GW.WPD