



**Inorganic Chemical (IOC) Monitoring Waiver Application**  
 Groundwater Sources Only – One Application per EPDS  
 If enrolled in the Monitoring Assistance Program – **DO NOT APPLY**  
 Review Denial Criteria (Appendix A) – if applicable, **DO NOT APPLY**

**Part 1: General Public Water System (PWS) Information**

<b>LTF#</b> (to be filled out by ADEQ):	<b>Application Date:</b>
<b>PWS Name:</b>	<b>PWS ID#:</b>
<b>PWS Mailing Address:</b>	
<b>Contact Person:</b>	<b>Phone#:</b>
<b>Email Address:</b>	
<b>PWS Type</b> (Select one): <input type="checkbox"/> CWS <input type="checkbox"/> NTNCWS	<b>Population Served:</b>

**Part 2: Source Information** 40 CFR §141.24(f)/A.A.C. R18-4-105

**Entry Point to the Distribution System (EPDS) Number:** \_\_\_\_\_  
 List all water sources connected to the above EPDS. Submit a separate waiver application for *each* EPDS.

Well Name	ADWR Number (55-)	Latitude/Longitude

\*For each groundwater source/well include the information listed in Appendix C (Required Source Information) as an attachment.

Are there any new or reactivated sources since the last compliance monitoring event?  Yes  No

Are there surface water, GUDI, or suspect GUDI sources?  Yes  No

Are there any septic systems within 100 feet of any of the drinking water source(s)?  Yes  No  
*If yes, contact ADEQ for guidance.*

Is there a current Source Water Protection Plan (SWPP)?  Yes  No

Has the SWPP been updated in the last 3 years?  Yes  No

Have all the Sources contributing to the EPDS been evaluated?  Yes  No

**Part 3: Compliance Data Information**

Is there any Treatment associated with this Source?  Yes  No

If yes, what contaminant is the treatment being used for: \_\_\_\_\_

If yes, what type of treatment is being used: \_\_\_\_\_

**Starting year which waiver is being applied for:** \_\_\_\_\_

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**List the Compliance sample data and Laboratory Work Order Number/Specimen ID for the last three compliance periods of IOC samples for this EPDS: (use additional paper if needed)**

Monitoring Period (eg. 2015-2017)	Compliance Sample Date	Lab Work Order Number/Specimen ID	Were all IOC analytes sampled for?

\*\*\*If there are samples listed here that were not submitted to ADEQ, the waiver approval will be put on hold until we acquire the needed Drinking Water Analytical Reporting (DWAR) form from the system.

Were any result from the above compliance samples detected at or above the 75% of the MCL, as specified in CFR 40 §141.23 for the specific analyte?  Yes  No

Have any contaminants met or exceeded the MCL in the last 15 years, as specified in CFR 40 §141.61?  Yes  No

### Part 4: Certification

I certify that the above information provided on the waiver application and waiver matrix, to the best of my knowledge, is complete and correct, and has been verified to the fullest extent possible.

I certify the well(s) are currently installed as permitted and that all components function as intended and are in good condition.

\_\_\_\_\_  
Name of Application Preparer  
(type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of System Owner/Representative  
(type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

## Inorganic Chemical (IOC) Waiver Application

### Appendix A - Denial Criteria

- If one or more new sources have been added (since the last three monitoring period compliance data has been collected), the waiver cannot be approved
- If last 3 monitoring periods have had a detect of over 75% of MCL for IOCs
- If an EPDS has an MCL violation has been received for an IOC contaminant in the past 15 years, without permitted treatment for that contaminant being installed
- Existing violation of relevant ADEQ permits (APP, AZPDES, HAZWASTE, UST/LUST)
- Any Water Quality Assurance Revolving Fund (WQARF), uncharacterized release or remedial project within 10-year time of travel if any contaminants listed in Appendix B are associated with the release.
- Septic Tanks or leach fields within 100 feet of the drinking water source
- If a water source is suspect GUDI the EPDS is not eligible for a waiver until a final GUDI determination is made
- Waivers are granted based on risk and they may be denied based on risk based criteria and/or a lack of the information provided with the application.

### Appendix B – IOC Waiver Analytes

*Nitrate, Nitrite, Sodium and Asbestos are not included in the IOC waiver*

Analyte Code	Analyte Name	MCL (mg/L)	75% of MCL (mg/L)
1005	Arsenic	0.010	0.0075
1010	Barium	2	1.5
1015	Cadmium	0.005	0.00375
1020	Chromium	0.1	0.075
1024	Cyanide	0.2	0.15
1025	Fluoride (CWS only)	4	3
1035	Mercury	0.002	0.0015
1036	Nickel	N/A	N/A
1045	Selenium	0.05	0.0375
1074	Antimony, Total	0.006	0.0045
1075	Beryllium, Total	0.004	0.003
1085	Thallium, Total	0.002	0.0015

### Appendix C – Required Source Information

**The following information must be provided for each well**

- Maps depicting:
  - Groundwater flow direction
  - Groundwater velocity
- Boring logs from the source well (or information on regional geology if not available)
- Pump test data (if available)
- Depth to groundwater