



Clean Air, Safe Water,
Healthy Land for Everyone

**DRINKING WATER ANALYSIS REPORTING FORM (DWAR)
FOR WATER SYSTEMS USING SURFACE WATER OR
GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER**
DWAR 15A&B + 18A Combined, Revised 2023

**Submit this form to WQD_Compliance_Data@azdeq.gov
Reports are due *no later than* the 10th day of each month, reporting for the previous month**

This Form is For Systems Using Direct, Conventional, and Membrane Filtration

PUBLIC WATER SYSTEM INFORMATION

Date Reporting to ADEQ: Month and Year Covered in Report:

PWS #: PWS Name:

Contact Name: Email:

Treatment Plant #: (e.g. 001) Number of Days treatment plant was in operation:
(Specify "hours" if operating partial days)

COMBINED FILTER EFFLUENT TURBIDITY

- Total Number of Combined Filtered Effluent Turbidity measurements taken:
- Highest single turbidity reading:
- Number of turbidity measurements that exceeded the Compliance Limit of 1 NTU:
- Number of turbidity measurements that exceeded the 95% Compliance Limit of 0.3 NTU:

If any exceedances occurred, System must complete the Reporting Log on Page 3.

INDIVIDUAL FILTER EFFLUENT TURBIDITY

Systems serving over 10,000 people or with more than 2 filters must conduct continuous monitoring of Individual Filter Effluent AND of Combined Filter Effluent. Systems serving less than 10,000 people, with 2 or fewer filters, must conduct continuous monitoring of EITHER Individual OR Combined Filter Effluent.

- How was Continuous Monitoring conducted (Combined, Individual, or None)?*
- Were measurements recorded at least every 15 minutes? *
- Did any equipment failure of 4+ hours occur resulting in a failure to monitor or record measurements as required? *
- Did any filter exceed 0.5 NTU at any time?

If Yes, Fill out Reporting Log on Page 3.

ADEQ Data Entry: If "No", Enter No for Q4-7. If "Yes", See Page 3 for Q4-7.

*If any failure of continuous monitoring or recording equipment occurs for more than 4 hours, grab samples must be taken at 4-hour increments until equipment is repaired. Notify ADEQ of any equipment failures lasting more than 5 days.



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CONSOLIDATING FORMS

This form may now be used to also satisfy the reporting requirements for the Disinfection Byproduct Rule (Maximum Residual Disinfectant Level or “MRDL” Sampling), covered by DWAR Form 18A. This form, DWAR 15AB, must be submitted monthly. DWAR Form 18A is no longer required for Surface Water systems utilizing this new combined form.

EPDS MINIMUM RESIDUAL DISINFECTION CONCENTRATION (RDC)

1. Total number of Disinfectant Concentration measurements taken at the EPDS:

Enter the lowest recorded measurement in mg/L for each day in operation:

1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th
11 th	12 th	13 th	14 th	15 th	16 th	17 th	18 th	19 th	20 th
21 st	22 nd	23 rd	24 th	25 th	26 th	27 th	28 th	29 th	30 th
31 st									

2. How many measurements were *Less Than* 0.2 mg/L at the EPDS?

If any measurements were below 0.2 mg/L, Fill out Reporting Log on Page 3.

DISTRIBUTION SYSTEM

MINIMUM RESIDUAL DISINFECTANT CONCENTRATION (RDC)

Systems must sample RDC in the Distribution System at the same time(s) and location(s) as Total Coliform Sampling, including any repeat sampling. These disinfectant residual samples are also used for MRDL reporting.

1. Total number of monthly samples taken in the Distribution System:

2. How many samples were UNDETECTED?

3. How many measurements were above 4 mg/L?

Data Entry: MRDL

4. Monthly Average Disinfectant Level, in mg/L:

Data Entry: MRDL

If any measurements were undetected, fill out Reporting Log on Page 3.

I hereby certify that the information provided in this report is accurate and correct to the best of my knowledge. Authorized Signature:



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PAGE 3: Complete only if monitoring results indicate further reporting is required:

Combined Filter Turbidity Exceedance Reporting Log for Exceedances of 1 NTU:

Date/Time of Occurrence	Turbidity Value (NTU)	Date/Time Reported to Regulatory Agency

Individual Filter Event Questionnaire:

If Any Individual Filter Exceeded:	If this condition occurs for this duration:	Then, this Report is Required:	Did this condition occur? (Yes or No) Data Entry: Q4-Q7
1 NTU in two consecutive measurements (15 min apart)	Anytime in 1 month	Filter Profile	
0.5 NTU in two consecutive measurements (15 min apart)	Measured AFTER plant has been operating continuously for 4 hours after filter backwash or plant was otherwise offline	Filter Profile	
1 NTU in two consecutive measurements (15 min apart)	Each month for 3 consecutive months	Individual Filter Self-Assessment	
2 NTU in two consecutive measurements (15 min apart)	Each month for 2 consecutive months	Comprehensive Performance Evaluation	

Contact ADEQ for Report Deadline Requirements

If any of the above conditions occurred, complete the Filter Event Log:

Filter Number	Date/Time of occurrence	Turbidity Value (NTU)	Obvious reason known?	Required report completed?

Residual Disinfectant Concentration below 0.2 at EPDS Reporting Log:

Date/Time of Occurrence	Date/Time Reported to Regulatory Agency	Samples taken every 4 hours until RDC level restored?	Number of hours until level restored	Date/time of Follow-up with Regulatory Agency