

Clean Air, Safe Water, Healthy Land for Everyone

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 Slow Sand, Diatomaceous Earth, or Cartridge/Bag Filtration

PUBLIC WATER SYSTEM INFORMATION

	Date Reporting to ADEQ: Month and Year Covered in Report:							
	PWS #: PWS Name:							
	Contact Name: Email:							
	Treatment Plant #:Number of Days treatment plant was in operation: (Specify "hours" if operating partial days)							
	COMBINED FILTER EFFLUENT TURBIDITY							
1.	Total Number of Combined Filtered Effluent Turbidity measurements taken:							
2.	Highest single turbidity reading:							
3.	Number of turbidity measurements that exceeded the Compliance Limit of 5 NTU:							
4.	Number of turbidity measurements that exceeded the 95% Compliance Limit of 1 NTU:							
	If any exceedances occurred, System must complete the Reporting Log on Page 3.							
	INDIVIDUAL FILTER EFFLUENT TURBIDITY							

Only Water Systems using Direct, Conventional, and Membrane Filtration techniques are required to monitor Individual Filter Effluent. If your system uses either of the above, please complete the Surface Water Treatment Report specific to those Filtration Techniques. If you are unsure of the requirements for your system, or the appropriate Report to use, please reach out to an ADEQ Compliance Assistance Coordinator.

Please Continue to Page 2



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RESIDUAL DISINFECTANT CONCENTRATION (RDC)

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 <u>monthly</u>. DWAR Form 18A (MRDL Reporting) is no longer required for Surface Water systems utilizing this new combined form.

- 1. Total number of Disinfectant Concentration measurements taken at the EPDS:
- 2. How many measurements were *Less Than* 0.2 mg/L at the EPDS?
- 3. At any time, did the RDC remain below 0.2 mg/L at the EPDS for 4 or more hours?

Enter the lowest recorded measurement at the EPDS 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									

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 frequency 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?
- **4.** Monthly Average Disinfectant Level, in mg/L:

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:



Data Entry: MRDL





PAGE 3: Complete 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 th 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	Date/Time Reported	Samples taken every	Number of	Date/time of Follow-up
Occurrence	to Regulatory	4 hours until RDC	hours until	with Regulatory Agency
	Agency	level restored?	level restored	