



Colorado Department of Public Health and Environment

Individual Filter Effluent Turbidity Reporting Form
wqcdcompliance.com/login (preferred); Fax: (303) 758-1398
WQCD – Drinking Water CAS
4300 Cherry Creek Drive South; Denver, CO 80246-1530

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Conventional or Direct Filtration Surface Water or GWUDI Systems MUST complete this form if either of the following conditions apply:

- For systems serving greater than 10,000 when a filter is brought online, if after the first four hours of operation, the individual filter effluent turbidity monitoring results at that filter are greater than (>) 0.5 NTU in two consecutive readings collected 15 minutes apart.
- For all systems when the individual filter effluent turbidity monitoring results at the same filter are greater than (>) 1.0 NTU in two consecutive recordings collected 15 minutes apart.

Section I - Public Water System Information

PWS ID:	PWS Name:	Month:	Year:
Facility ID:	Facility Name:		
Contact Person:	Email:	Phone #:	

Section II - Monthly Individual Filter Effluent Turbidity Exceedance Reporting

Filter ID:	Date of exceedance:	Turbidity monitoring results which exceeded limits: (e.g. 0700: 1.21 NTU, 0715: 1.60 NTU, 0730: 1.10 NTU)
Cause of the exceedance: (If the cause is unknown, please attach a filter profile from within 7 days of the exceedance)		

Section III - Self-Assessment

Complete a Self-Assessment if individual filter effluent turbidity monitoring results at the same filter are greater than (>) 1.0 NTU in two consecutive recordings collected 15 minutes apart in each month for three consecutive months.

Self-Assessment is required within 14 days after an exceedance occurs unless a Comprehensive Performance Evaluation (CPE) is required below. The Report must be submitted by the 10th of the following month when a Self-Assessment is triggered.

A Self Assessment requires:

1. An Assessment of Filter Performance,
2. Development of a Filter Profile,
3. Identification and Prioritization of Factors Limiting Filter Performance,
4. Assessment of the Applicability of Corrections.

The Date the Self-Assessment was Triggered:

The Date the Self-Assessment was Completed:

Section IV - Comprehensive Performance Evaluation

Complete a Comprehensive Performance Evaluation (CPE) if the individual filter effluent turbidity monitoring results at the same filter are greater than (>) 2.0 NTU in two consecutive recordings collected 15 minutes apart in each month for two consecutive months.

No later than 30 days after the exceedance occurs, the supplier must arrange for a CPE to be conducted by the Department or by a Department-approved third party. No later than 90 days after the exceedance occurs, the supplier must submit the completed CPE report. A CPE and report are not required if one has been completed within the last 12 months or the supplier and Department are participating in an ongoing Comprehensive Technical Assistance Project (CTAP) at the system.

A CPE must include all of the following:

1. Assessment of Plant Performance,
2. Evaluation of Major Unit Processes,
3. Identification and Prioritization of Performance Limiting Factors,
4. Assessment of whether a CTAP would improve Treatment Plant Performance.

The Date the Comprehensive Performance Evaluation (CPE) was Triggered:

The Date the CPE Report is due (90 Days after Triggered):

If the CPE indicates the potential for improved water system performance, the supplier must complete a CTAP, a performance improvement project that uses CPE results to set priorities for process control improvements and to establish a long-term training program for staff and administrators. During the CTAP, the supplier must identify and systematically address plant-specific factors as outlined in the CPE and include them in a report submitted no later than 90 days after the completion of the CPE.