

CCR VIOLATIONS REPORT FIELD DESCRIPTIONS

Below is a brief description of each field displayed on the CCR Valid Self-monitoring Violations webpage.

[Click here](#) to view a list of the violations and their descriptions.

HEADER INFORMATION

The Header includes the following information.

- the calendar year for which the report was generated,
- the name of the system,
- the system's PWSID - Pennsylvania's 7-digit ID number assigned to each public water supply,
- system type - for example: Community or Non Transient Non Community,
- system activity - includes Active or Inactive,
- number of records in the report - written as # Observations, and
- the system's eFACTS site ID.

CONTAMINANT

The name of the contaminant or item (for example Nitrate or CCR Report) associated with the violation.

CONTAMINANT ID

A 4-digit number for the contaminant associated with the violation.

VIOLATION TYPE

This column displays an abbreviated title for the violation and a violation code.

VIOLATION ID

This is a 5-digit number that uniquely identifies each violation in a fiscal year.

ENTRY POINT LOCATION

This is a 3-digit number that refers to the specific sampling site, if appropriate, associated with the violation. A sampling site may be an entry point, a treatment plant, or a point in the distribution system.

PERIOD BEGIN DATE

The first day of the compliance period in which the violation occurred. Entered as MMDDYYYY. Consult the Key Requirements document for the rule under which the violation occurred to determine the period begin date. In the case of a running-annual-average violation type, this is the first day of the quarter in which the last sample was taken. For LCR violations, the begin date is the first day after the end of the compliance period. For example, a type 51 M/R violation is generated with the begin date of 7/1/XX. The violation was generated because the system failed to submit results for the 1/1-6/30 monitoring period.

FISCAL YEAR

This refers to the federal fiscal year (October 1 - September 30) during which a violation is generated, either by compliance, or manually entered. When viewing or updating a violation, be sure you are in the correct fiscal year.

Links to Violation Type Descriptions

Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>01</u>	SINGLE SAMPLE MCL - 01	Multiple Rules	CHEM SINGLE SAMPLE MCL
<u>02</u>	AVERAGE MCL - 02	Multiple Rules	CHEM AVERAGE MCL
<u>02</u>	AVERAGE MCL – 02	Disinfection / Disinfection By Products Rule	D/DBPR AVERAGE MCL VIOLATION
<u>02</u>	AVERAGE MCL - 02	Radionuclides Rule	MAN-MADE RADIOLOGICAL AVERAGE MCL VIOLATION
<u>03</u>	MONITORING - REPORTING - 03	Multiple Rules	CHEM REGULAR MONITORING OR REPORTING VIOLATION
<u>03</u>	MONITORING - REPORTING - 03	Radionuclides Rule	MAN-MADE RADS REGULAR MONITORING OR REPORTING VIOLATION
<u>04</u>	CHECK (REPEAT) SAMPLING - 04	Multiple Rules	CHEM CHECK SAMPLING MONITORING OR REPORTING VIOLATION
<u>07</u>	A/E TREATMENT TECHNIQUES - 07		ACRYLAMIDE/EPICHLOROHYDRIN TREATMENT TECHNIQUE VIOLATION
<u>09</u>	IESWTR INDIVIDUAL FILTER M/R - 09	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR INDIVIDUAL FILTER MONITORING OR REPORTING VIOLATION

Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>09</u>	IESWTR INDIVIDUAL FILTER M/R - 09	Filter Backwash Recycling Rule	FBRR RECORDKEEPING (MONITORING OR REPORTING) VIOLATION
<u>11</u>	MRDL MGL EXCEEDANCE - 11	Disinfection / Disinfection By Products Rule	D/DBPR NON-ACUTE MRDL VIOLATION
<u>13</u>	D/DBPR ACUTE MRDL - 13	Disinfection / Disinfection By Products Rule	D/DBPR ACUTE MRDL VIOLATION
<u>19</u>	GWR SOURCE WATER ASSESSMENT M/R - 19	Groundwater Rule	GWR SOURCE WATER ASSESSMENT MONITORING OR REPORT VIOLATION
<u>21</u>	TCR ACUTE MCL - 21	Total Coliform Rule	TCR ACUTE MCL VIOLATION
<u>22</u>	TCR MONTHLY MCL - 22	Total Coliform Rule	TCR MONTHLY MCL VIOLATION
<u>23</u>	TCR MAJOR ROUTINE M/R - 23	Total Coliform Rule	TCR MAJOR MONITORING OR REPORTING VIOLATION
<u>24</u>	TCR MINOR ROUTINE M/R - 24	Total Coliform Rule	TCR MINOR MONITORING OR REPORTING VIOLATION
<u>25</u>	TCR MAJOR REPEAT M/R - 25	Total Coliform Rule	TCR MAJOR CHECK SAMPLE MONITORING OR REPORTING VIOLATION
<u>26</u>	TCR MINOR REPEAT M/R - 26	Total Coliform Rule	TCR MINOR CHECK SAMPLE MONITORING OR REPORTING VIOLATION
<u>27</u>	M/R FAIL TO MONITOR OR PLAN - 27	Disinfection / Disinfection By Products Rule	D/DBPR MAJOR MONITORING OR REPORTING VIOLATION

Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>27</u>	M/R FAIL TO MONITOR OR PLAN - 27	Disinfection / Disinfection By Products Rule	D/DBPR MINOR MONITORING OR REPORTING VIOLATION
<u>27</u>	M/R FAIL TO MONITOR OR PLAN - 27	Disinfection / Disinfection By Products Rule	D/DBPR MONITORING PLAN
<u>28</u>	GWR SANITARY SURVEY VIOLATION – 28	Groundwater Rule	GWR SANITARY SURVEY VIOLATION
<u>31</u>	GWR TREATMENT M/R – 31	Groundwater Rule	GWR TREATMENT MONITORING OR REPORTING VIOLATION
<u>32</u>	LT2ESWTR SOURCE WATER M/R – 32	Long term 2 Enhanced Surface Water Treatment Rule	LT2ESWTR SOURCE WATER MONITORING OR REPORTING VIOLATION
<u>33</u>	LT2ESWTR BIN CLASSIFICATION TT- 33	Long term 2 Enhanced Surface Water Treatment Rule	LT2ESWTR BIN CLASSIFICATION TT VIOLATION
<u>34</u>	GWR SOURCE WATER TRIGGERED MONITORING M/R – 34	Groundwater Rule	GWR SOURCE WATER TRIGGERED MONITORING MONITORING OR REPORTING VIOLATION
<u>37</u>	TT FAIL TO DEVELOP DISINF PROF - 37	Disinfection / Disinfection By Products Rule	D/DBPR TREATMENT TECHNIQUE VIOLATION
<u>37</u>	TT FAIL TO DEVELOP DISINF PROF - 37	Interim Enhanced Surface Water Treatment Rule / Long Term 1	IESWTR / LT1ESWTR DISINFECTION TREATMENT TECHNIQUE VIOLATION

		Enhanced Surface Water Treatment Rule	
Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
39	FBRR RECYCLING M/R-39	Filter Backwash Recycling Rule	FBRR RECYCLING NOTIFICATION MONITORING OR REPORTING VIOLATION
40	FBRR RECYCLING LOCATION TT - 40	Filter Backwash Recycling Rule	FBRR RECYCLING LOCATION TREATMENT TECHNIQUE VIOLATION
41	GWR MICROBIAL TREATMENT TT – 41	Groundwater Rule	GWR MICROBIAL TREATMENT TECHNIQUE VIOLATION
41	LT2ESWTR TT – 41	Long term 2 Enhanced Surface Water Treatment Rule	LT2ESWTR TREATMENT TECHNIQUE VIOLATION
42	GWR TREATMENT INSTALLATION TT – 42	Groundwater Rule	GWR TREATMENT INSTALLATION TREATMENT TECHNIQUE VIOLATION
42	FAILURE TO FILTER SURFACE WATER - 42	Filter Rule	FILTER RULE TREATMENT TECHNIQUE VIOLATION
42	LT2ESWTR SOURCE WATER M/R – 42	Long term 2 Enhanced Surface Water Treatment Rule	LT2ESWTR TREATMENT TECHNIQUE VIOLATION
43	TT FAIL ACHIEVE COMB FILT PLR - 43	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR SINGLE SAMPLE PERFORMANCE LEVEL REQUIREMENT VIOLATION

Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>44</u>	TT <95% MONTH COMB FILT SAMPS - 44	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR MONTHLY PLANT PERFORMANCE LEVEL REQUIREMENT VIOLATION
<u>45</u>	GWR SANITARY SURVEY TT – 45	Groundwater Rule	GWR SANITARY SURVEY TREATMENT TECHNIQUE VIOLATION
<u>45</u>	LT2ESWTR	Long term 2 Enhanced Surface Water Treatment Rule	LT2ESWTR SANITARY SURVEY TREATMENT TECHNIQUE VIOLATION
<u>46</u>	TT FAIL MEET TRMNT TECHNQ REQS - 46	Disinfection / Disinfection By Products Rule	D/DBPR PRECURSOR REMOVAL TREATMENT TECHNIQUE VIOLATION
<u>47</u>	TT CONST UNCOVE FIN STOR FAC - 47	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR FINISHED WATER STORAGE TREATMENT TECHNIQUE VIOLATION
<u>48</u>	GWR FECAL CONTAMINATION TT – 48	Groundwater Rule	GWR FECAL CONTAMINATION TREATMENT TECHNIQUE VIOLATION
<u>51</u>	LCR INITIAL M/R - 51	Lead & Copper Rule	LCR LEAD & COPPER INITIAL TAP MONITORING OR REPORTING VIOLATION
<u>52</u>	LCR ROUTINE M/R - 52	Lead & Copper Rule	LCR LEAD & COPPER FOLLOW-UP TAP OR ROUTINE TAP MONITORING OR REPORTING VIOLATION

Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>53</u>	LCR WATER QUALITY PARAMETERS - INITIAL M/R - 53	Lead & Copper Rule	LCR WATER QUALITY PARAMETERS MONITORING OR REPORTING VIOLATION
<u>56</u>	LCR SOURCE EP M/R - 56	Lead & Copper Rule	LCR LEAD & COPPER SOURCE (EP) INITIAL, FOLLOW-UP, OR ROUTINE PERFORMANCE MONITORING OR REPORTING VIOLATION
<u>57</u>	LCR TT-FAILURE TO TAKE ACTION - 57	Lead & Copper Rule	LCR FAILURE TO DO STUDY OR TO RECOMMEND TREATMENT (TREATMENT TECHNIQUE) VIOLATION
<u>58</u>	LCR TT-FAILURE TO INSTALL - 58	Lead & Copper Rule	LCR FAILURE TO INSTALL CORROSION CONTROL TREATMENT (TREATMENT TECHNIQUE) VIOLATION
<u>59</u>	LCR TT-EP PLR VIOLATION - 59	Lead & Copper Rule	LCR WATER QUALITY PARAMETERS PERFORMANCE LEVEL REQUIREMENT - TREATMENT TECHNIQUE VIOLATION
<u>63</u>	LCR TT-EP PLR VIOLATION - 63	Lead & Copper Rule	LCR LEAD OR COPPER ENTRY POINT PERFORMANCE LEVEL REQUIREMENT - TREATMENT TECHNIQUE VIOLATION
<u>64</u>	LCR TT-FAILURE TO REPLACE - 64	Lead & Copper Rule	LCR LEAD SERVICE LINE REPLACEMENT - TREATMENT TECHNIQUE VIOLATION
<u>65</u>	LCR TT-FAILURE TO PROVIDE ED - 65	Lead & Copper Rule	LCR PUBLIC EDUCATION - TREATMENT TECHNIQUE VIOLATION
<u>66</u>	LCR LEAD CONSUMER NOTICE - 66	Lead & Copper Rule	LCR LEAD CONSUMER NOTICE

Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>73</u>	GWR POSITIVE SAMPLE NOTIFICATION – 73	Groundwater Rule	GWR POSITIVE SAMPLE NOTIFICATION VIOLATION
<u>76</u>	PUBLIC NOTIFICATION OTHER - 76	Public Notification	PUBLIC NOTIFICATION VIOLATION FOR WATERBORNE OUTBREAK OR EMERGENCY
<u>7L</u>	CCR SUBMITTED AFTER DUE DATE - 7L	Consumer Confidence Report	LATE CCR VIOLATION
<u>7M</u>	CCR NOT SUBMITTED - 7M	Consumer Confidence Report	MISSING CCR VIOLATION
<u>7G</u>	CCR GROSSLY INCOMPLETE - 7G	Consumer Confidence Report	GROSSLY INCOMPLETE CCR VIOLATION
<u>7P</u>	CCR PARTIALLY INCOMPLETE - 7P	Consumer Confidence Report	PARTIALLY INCOMPLETE CCR VIOLATION
<u>7C</u>	CCR CERT NOT SUB BY DUE DATE - 7C	Consumer Confidence Report	CCR CERTIFICATION VIOLATION
<u>F1</u>	M/R FAIL PRODUC INDV FILT PROF - F1	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER
<u>F2</u>	M/R FAIL CONDUCT SELF ASSESSMNT - F2	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER

		Surface Water Treatment Rule	
Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
F3	M/R FAIL TO HAVE CPE CONDUCTED - F3	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER
F4	- F4	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER
F9	M/R FAIL RPT INDV FILT EXCEED - F9	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR INDIVIDUAL FILTER EXCEEDANCE MONITORING OR REPORTING VIOLATION
N1	PUBLIC NOTIFICATION TIER 1 - N1	Public Notification	TIER 1 PN VIOLATION
N2	PUBLIC NOTIFICATION TIER 2 - N2	Public Notification	TIER 2 PN VIOLATION
N3	PUBLIC NOTIFICATION TIER 3 - N3	Public Notification	TIER 3 PN VIOLATION
P1	SWTR SINGLE SAMPLE PLR - P1	Filter Rule	FILTER RULE SINGLE SAMPLE PERFORMANCE LEVEL

			REQUIREMENT VIOLATION
Violation Code	Violation Type Displayed on WebSite	Rule	Violation Type
<u>P2</u>	SWTR TURBIDITY PLR PERCENTAGE - P2	Filter Rule	FILTER RULE MONTHLY PLANT PERFORMANCE LEVEL REQUIREMENT VIOLATION
<u>P3</u>	SWTR PLR M/R - FILTERED - P3	Filter Rule	FILTER RULE PERFORMANCE MONITORING OR REPORTING VIOLATION - FILTERED SYSTEMS
<u>P4</u>	SWTR PLR M/R - UNFILTERED - P4	Filter Rule	FILTER RULE PERFORMANCE MONITORING OR REPORTING VIOLATION - UNFILTERED SYSTEM
<u>P5</u>	SWTR M/R FAIL TAKE REQD SAMP - P5	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR PERFORMANCE MONITORING OR REPORTING VIOLATION
<u>P6</u>	M/R FAIL RPT COMB FILT EXCEED - P6	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR SINGLE SAMPLE MONITORING OR REPORTING VIOLATION
<u>P7</u>	M/R FAIL RPT INDV FILT MONTRNG - P7	Interim Enhanced Surface Water Treatment Rule / Long Term 1 Enhanced Surface Water Treatment Rule	IESWTR / LT1ESWTR INDIVIDUAL FILTER MONITORING OR REPORTING VIOLATION

Descriptions of Violation Types

Code	Violation Type / Description	PN Required
01	CHEM SINGLE SAMPLE MCL	
	IOCs: This violation type occurs when the MCL is exceeded and the monitoring frequency is annual, 3-year or 9-year, and a check sample is not required (whether or not a check sample is included in the MCL computation); or a check sample is required but not submitted.	Tier 2 PN
	VOCs: This violation type occurs when the MCL is exceeded and the monitoring frequency is annual, 3-year or 9-year, and a check sample is not required (whether or not a check sample is included in the MCL computation); or a check sample is required but not submitted.	Tier 2 PN
	SOCs: This violation type occurs when the MCL is exceeded and the monitoring frequency is annual, 3-year or 9-year, and a check sample is not required (whether or not a check sample is included in the MCL computation); or a check sample is required but not submitted.	Tier 2 PN
	Nitrate/Nitrite: This violation type occurs when any single entry point or special sample exceeds the MCL value and no check samples are submitted. If more than 1 routine sample is submitted during a period from the same entry point, the highest result is used as the violation result.	Tier 1 PN
02	CHEM AVERAGE MCL	
	IOCs: This violation type occurs when the MCL is exceeded and the monitoring frequency is quarterly. or The MCL is exceeded and the monitoring frequency is annual, 3-year or 9-year, and a check sample is required and is included in the MCL computation.	Tier 2 PN
	VOCs: This violation type occurs when the MCL is exceeded and the monitoring frequency is quarterly. or The MCL is exceeded and the monitoring frequency is annual, 3-year or 9-year, and a check sample is required and is included in the MCL computation.	Tier 2 PN
	SOCs: This violation type occurs when the MCL is exceeded and the monitoring frequency is quarterly. or The MCL is exceeded and the monitoring frequency is annual, 3-year or 9-year, and a check sample is required and is included in the MCL computation.	Tier 2 PN

	Nitrate/Nitrite: This violation type occurs when the average of both routine entry point (or special sample) and check sample results exceeds the MCL value. If more than 1 check sample is submitted, the highest result is used in calculating the average result.	Tier 1 PN
	Radiologicals (gross alpha, combined radium, uranium): This violation type occurs when the MCL is exceeded and the monitoring frequency is quarterly or when the monitoring frequency is annual, 3-year, 6-year or 9-year and the result is more than four times the MCL.	Tier 2 PN
Code	Violation Type / Description	PN Required
<u>02</u>	D/DBPR AVERAGE MCL VIOLATION	
	Bromate: This is a running annual average violation when the monitoring frequency is quarterly and the running annual average of all samples is greater than 0.010 mg/L for bromate.	Tier 2 PN
	Chlorite: This is a monthly violation when the average of any of the distribution system 3-sample sets is greater than 1.0 mg/L for chlorite.	Tier 2 PN
	TTHMs: This is a running annual average violation for systems serving greater than 10,000 when the monitoring frequency is quarterly and the running annual average is greater than 0.080 mg/L or when the result is greater than 0.320 mg/L (4 times the MCL) if on annual or triennial monitoring.	Tier 2 PN
	HAA5: This is a running annual average violation for systems serving greater than 10,000 when the monitoring frequency is quarterly and the running annual average is greater than 0.060 mg/L or when the result is greater than 0.240 mg/L (4 times the MCL) if on annual or triennial monitoring.	Tier 2 PN
<u>02</u>	MAN-MADE RADIOLOGICALS AVERAGE MCL VIOLATION	
	Man-Made Rads: This violation type occurs whenever the running annual average dose sum of the individual beta particle constituents exceeds 4 mrem/yr.	Tier 2 PN
<u>03</u>	CHEM REGULAR MONITORING OR REPORTING VIOLATION	
	Failure to monitor or report results for IOCs, VOCs, SOCs, Nitrate/Nitrite, or Radiologicals (gross alpha, radium 226, radium 228, or uranium). or Failure to report results correctly	Tier 3 PN

Code	Violation Type / Description	PN Required
<u>03</u>	MAN-MADE RADIOLOGICAL REGULAR MONITORING OR REPORTING VIOLATION	
	Failure to monitor or report results for gross beta, strontium-90, tritium, iodine-131, or individual constituent monitoring. or Failure to report results correctly	Tier 3 PN
<u>04</u>	CHEM CHECK SAMPLING MONITORING OR REPORTING VIOLATION	
	Nitrate/Nitrite: Failure to submit a check sample when an entry point (or special) sample exceeds the MCL value. or Failure to report results correctly	Tier 3 PN
	IOCs: This violation type occurs whenever the monitoring frequency is annual, 3-year or 9-year, and the result exceeds the MCL value and a check sample is not taken or reported.	Tier 3 PN
	VOCs: This violation type occurs whenever the monitoring frequency is annual, 3-year or 9-year, and the result exceeds the MCL value and a check sample is not taken or submitted.	Tier 3 PN
	SOCs: This violation type occurs whenever the monitoring frequency is annual, 3-year or 9-year, and the results exceed the MCL value and a check sample is not taken or submitted.	Tier 3 PN
<u>07</u>	ACRYLAMIDE/EPICHLOROHYDRIN TREATMENT TECHNIQUE VIOLATION	
	Failure to certify that acrylamide or epichlorohydrin was used properly (if used as treatment).	Tier 2 PN
<u>09</u>	IESWTR / LT1ESWTR INDIVIDUAL FILTER MONITORING OR REPORTING VIOLATION	
	Failure to maintain results for 3 years.	
<u>09</u>	FBRR RECORDKEEPING (MONITORING OR REPORTING) VIOLATION	
	Failure to collect and maintain recycling flow information (starting June 8, 2004) for the previous calendar year.	
<u>11</u>	D/DBPR NON-ACUTE MRDL VIOLATION	
	Chlorine/Chloramines: This violation type occurs when the running annual average of all monthly distribution system samples is greater than 4.0 mg/L.	Tier 2 PN

	<p>Chlorine Dioxide: This is a non-acute monthly violation when either of the following occurs:</p> <ul style="list-style-type: none"> · any 2 consecutive entry point samples are greater than 0.8 mg/L but all distribution samples are less than 0.8 mg/L; · the system fails to monitor or report an entry point sample on the day following any entry point sample that is greater than 0.8 mg/L. 	Tier 2 PN
Code	Violation Type / Description	PN Required
<u>13</u>	D/DBPR ACUTE MRDL VIOLATION	
	<p>Chlorine Dioxide: This is an acute violation when either of the following occurs:</p> <ul style="list-style-type: none"> · any entry point sample is greater than 0.8 mg/L and at least 1 of the 3 distribution samples taken on the following day is greater than 0.8 mg/L; · the system fails to monitor or report results of the 3 distribution system samples required on the day following any entry point sample that is greater than 0.8 mg/L. 	Tier 1 PN
<u>19</u>	GWR SOURCE WATER ASSESSMENT MONITORING MONITORING M/R VIOLATION	
	Failure to conduct source water <i>E. coli</i> assessment monitoring.	Tier 3 PN
<u>21</u>	TCR ACUTE MCL VIOLATION	
	This violation type occurs when any distribution sample is total coliform positive, any associated check sample is total coliform positive, and either sample is also fecal coliform (or E. Coli) positive. If the fecal / E. Coli test is not done, then both the distribution and check samples are considered to be fecal coliform positive.	Tier 1 PN
<u>22</u>	TCR MONTHLY MCL VIOLATION	
	This violation type occurs when a system takes 40 or less samples (distribution plus check samples) and two or more samples are total coliform positive.	Tier 2 PN
	This violation type occurs when a system takes more than 40 samples (distribution plus check samples) and more than 5.0% of the samples are total coliform positive.	Tier 2 PN
	These violations are not location specific.	
<u>23</u>	TCR MAJOR MONITORING OR REPORTING VIOLATION	

	Failure to collect or report distribution samples for a monitoring period. or Failure to report results correctly.	Tier 3 PN
	Failure to collect or report distribution samples for the current month, if less than 5 distribution samples are required and the system had 1 or more total coliform positive results during the previous month (even if system is on quarterly monitoring).	Tier 3 PN
Code	Violation Type / Description	PN Required
<u>24</u>	TCR MINOR MONITORING OR REPORTING VIOLATION	
	This violation type occurs when a system collects at least one distribution sample but fails to collect or report the required number of distribution samples. or Failure to report results correctly.	Tier 3 PN
	This violation type occurs when an SDWA-1 form has been submitted (reporting positive results) but no SDWA-S form was submitted.	Tier 3 PN
	This violation type occurs when the number of routine samples out of compliance reported on the SDWA-S does not match the number of positive distribution samples reported on the SDWA-1 form.	Tier 3 PN
	Failure to collect or report the required number of distribution samples for the current month, if less than 5 distribution samples are required and the system had 1 or more total coliform positive results during the previous month (even if system is on quarterly monitoring).	Tier 3 PN
<u>25</u>	TCR MAJOR CHECK SAMPLE MONITORING OR REPORTING VIOLATION	
	Failure to collect or report check samples when one or more distribution samples are total coliform positive. or Failure to report results correctly.	Tier 3 PN
<u>26</u>	TCR MINOR CHECK SAMPLE MONITORING OR REPORTING VIOLATION	
	This violation type occurs when a system reports at least one check sample but fails to collect or report three check samples for each distribution sample that is total coliform positive. or Failure to report results correctly.	Tier 3 PN
	This violation type occurs when a system is required to take one	Tier 3 PN

	distribution sample and it is total coliform positive and the system took or reported at least one, but less than four check samples.	
	This violation type occurs when the number of check samples out of compliance reported on SDWA-S does not match the number of positive check samples reported on the SDWA-1.	Tier 3 PN
Code	Violation Type / Description	PN Required
<u>27</u>	D/DBPR MAJOR MONITORING OR REPORTING VIOLATION	
	Bromate: Failure to monitor or report any of the required results in a month.	Tier 3 PN
	Bromide: Failure to monitor or report any of the required monthly source water samples when a system is on reduced bromate monitoring.	Tier 3 PN
	Chlorine/Chloramines: Failure to monitor or report at least 90% of all required distribution system samples in a month. or Failure to sample at the same time and same location as coliform samples.	Tier 3 PN
	Chlorine Dioxide: Failure to monitor or report at least 90% of all required samples (entry point or distribution) in a month or this violation type occurs when the number of entry point samples submitted is not equal to the number of entry point treatment days reported on the SDWA-S form.	Tier 3 PN
	Chlorite: Failure to monitor or report at least 90% of all required samples (entry point or distribution) in a month. or This violation type occurs when the number of entry point samples submitted is not equal to the number of entry point treatment days reported on the SDWA-S form.	Tier 3 PN
	TTHM: Failure to monitor or report at least 90% of all required samples in a quarter. or This violation type occurs when less than 25% of the distribution samples are maximum residence samples.	Tier 3 PN
	HAA5: Failure to monitor or report at least 90% of all required samples in a quarter or when the ratio of maximum residence to distribution samples is less than 25%.	Tier 3 PN
	TOC: Failure to monitor or report at least 90% of all required samples in a month or quarter. Applies only to systems with conventional filtration.	Tier 3 PN
	Alkalinity: Failure to monitor or report at least 90% of all	Tier 3 PN

	required samples in a month. or Failure to monitor alkalinity on same day as source TOC. Applies only to systems with conventional filtration.	
	All Parameters: failure to use approved methods or certified labs as appropriate.	Tier 3 PN
Code	Violation Type / Description	PN Required
<u>27</u>	D/DBPR MINOR MONITORING OR REPORTING VIOLATION	
	Failure to monitor or report between 90% and 99% of all required samples in a month (or quarter) for: Chlorine Dioxide, Chlorite, TTHM, HAA5, TOC or Alkalinity (TOC/alkalinity violation only for systems w/ conventional filtration). NOTE:: this violation does not apply to Bromate or Bromide monitoring	Tier 3 PN
<u>27</u>	D/DBPR MONITORING PLAN	
	For systems serving 10,000 or more: Failure to submit a copy of the D/DBPR monitoring plan by 1/10/02. or Failure to make a copy of the plan available to the public by 1/31/02.	Tier 3 PN
<u>28</u>	GWR SANITARY SURVEY VIOLATION	
	Failure to provide requested information during a Sanitary Survey.	Tier 2 PN
<u>31</u>	GWR TREATMENT MONITORING OR REPORTING VIOLATION	
	Failure to conduct or report EP disinfectant residual monitoring when EP is linked to a source with 4-log treatment.	Tier 3 PN
<u>32</u>	LT2SWTR SOURCE WATER MONITORING AND REPORTING VIOLATION	
	Failure by a surface water or GUDI system to submit the source water sampling schedule by the required deadline or the schedule was incomplete or Failure to conduct source water sampling or failure to monitor in accordance with the approved schedule. NOTE: If 3 or more monitoring periods are missed, the 3 rd and all subsequent violations are automatically a Tier 2 violation requiring special Tier 2 PN in accordance with 109.418.	Tier 3 PN

Code	Violation Type / Description	PN Required
33	LT2SWTR BIN CLASSIFICATION TREATMENT TECHNIQUE VIOLATION	
	Failure by a surface or GUDI system to submit the bin classification.	Tier 2
34	GWR TRIGGERED MONITORING M/R VIOLATION (PWS)	
	Failure to monitor source water E. coli after coliform-positive routine TCR sample.	Tier 3 PN
37	D/DBPR TREATMENT TECHNIQUE VIOLATION	
	Failure to submit or obtain state approval of a plan detailing significant treatment process modifications prior to making such modifications. This is also a violation under IESWTR.	Tier 3 PN
37	IESWTR / LT1ESWTR DISINFECTION TREATMENT TECHNIQUE VIOLATION	
	Failure to develop a disinfection profile (if required).	Tier 3 PN
	Failure to consult DEP before making significant changes to disinfection practices (if required to develop a disinfection profile).	Tier 3 PN
39	FBRR RECYCLING NOTIFICATION MONITORING OR REPORTING VIOLATION	
	Failure to provide written notification (including all required elements of information) about backwash recycling by Dec. 8, 2003.	Tier 3 PN
40	FBRR RECYCLING LOCATION TREATMENT TECHNIQUE VIOLATION	
	Failure to return recycled flows to location prior to head of plant or alternate DEP-approved location by June 8, 2004.	Tier 2 PN
	Failure to complete capital improvements by June 8, 2006 to return recycled flows to location prior to head of plant or alternate DEP-approved location.	Tier 2 PN

Code	Violation Type / Description	PN Required
41	GWR MICROBIAL TREATMENT TT VIOLATION	
	Failure to maintain 4-log inactivation – occurs if EP linked to a source with 4-log treatment and the EP disinfectant residual drops below minimum value for more than 4 hours.	Tier 1 PN
41	LT2SWTR TREATMENT TECHNIQUE VIOLATION	
	Failure to maintain/achieve the level of treatment (log removal/inactivation) appropriate for the bin classification of the highest bin source in use for the month for the following toolbox options: watershed control program, alternate source, inactivation using chlorine dioxide, inactivation using ozone, or inactivation using UV light.	Tier 1 PN
41	LT2SWTR SOURCE WATER MONITORING AND REPORTING VIOLATION	
	Failure to maintain/achieve the level of treatment (log removal/inactivation) appropriate for the bin classification of the highest bin source in use for the month for the following toolbox options: pre-sedimentation, 2-stage lime softening, bank filtration, CFE performance, IFE performance, demonstration of performance, bag or cartridge filter, membrane filtration, second stage filtration and slow sand filtration (as a secondary filter).	Tier 2 PN
42	FILTER RULE TREATMENT TECHNIQUE VIOLATION	
	Failure by a surface water system to install filtration within 48 months of the date that it was determined that the system must be filtered. This generally applies to ground water sources that are determined to be under the direct influence of surface water (GUDI).	Tier 2 PN
42	GWR TREATMENT INSTALLATION TREATMENT TECHNIQUE VIOLATION	
	Failure by a system to take the appropriate corrective action in response to an <i>E. coli</i> positive source water sample to provide 4-log treatment by failing to notify DEP within 30 days that 4-log treatment will be installed or by failing to install 4-log treatment within 120 days.	Tier 2 PN
42	LT2SWTR TREATMENT TECHNIQUE VIOLATION	
	Failure to install level of <i>Cryptosporidium</i> treatment appropriate	Tier 1 PN

	for bin classification by specified deadline.	
Code	Violation Type / Description	PN Required
<u>43</u>	IESWTR / LT1ESWTR SINGLE SAMPLE PERFORMANCE LEVEL REQUIREMENT VIOLATION	
	This violation type occurs when any combined filter effluent turbidity results are greater than 1 NTU during the month. Applies only to surface water systems with conventional, direct or other filtration (excluding slow sand and diatomaceous earth).	Tier 1 PN
<u>44</u>	IESWTR / LT1ESWTR MONTHLY PLANT PERFORMANCE LEVEL REQUIREMENT VIOLATION	
	Failure to maintain at least 95% of the combined filter effluent samples below the turbidity performance level requirement (0.3 NTU) during the month. Applies only to surface water systems with conventional, direct or other filtration (excluding slow sand and diatomaceous earth).	Tier 2 PN
<u>45</u>	GWR SANITARY SURVEY TREATMENT TECHNIQUE VIOLATION	
	Failure to respond to a significant deficiency within 30 days that was identified in the sanitary survey report or failure to meet schedule of corrective actions (maximum 120 days) identified in PWS response to a significant deficiency.	Tier 2 PN
<u>45</u>	LT2SWTR SANITARY SURVEY TREATMENT TECHNIQUE VIOLATION	
	Failure to respond to a significant deficiency within 45 days that was identified in the sanitary survey report or failure to meet schedule of corrective actions identified in PWS response to a significant deficiency.	Tier 2 PN
<u>46</u>	D/DBPR PRECURSOR REMOVAL TREATMENT TECHNIQUE VIOLATION	
	TOC: This violation type occurs when the running annual average of all calculated performance ratios is less than 1.00 and the system does not meet any of the running annual average alternative compliance criteria.	Tier 2 PN
<u>47</u>	IESWTR / LT1ESWTR FINISHED WATER STORAGE TREATMENT TECHNIQUE VIOLATION	
	Constructing any uncovered finished water storage facility after Feb. 16, 1999.	

Code	Violation Type / Description	PN Required
48	GWR FECAL CONTAMINATION TREATMENT TECHNIQUE VIOLATION	
	Failure by a system to take the appropriate corrective action in response to an <i>E. coli</i> positive source water sample – if corrective action other than 4-log treatment is chosen by failing to notify DEP within 30 days regarding the corrective action or failing to complete corrective action within 120 days.	Tier 2 PN
51	LCR LEAD & COPPER INITIAL TAP MONITORING OR REPORTING VIOLATION	
	Failure to sample required number of sites for lead and copper during initial monitoring period. or Failure to report results properly.	Tier 3 PN
52	LCR LEAD & COPPER FOLLOW-UP TAP OR ROUTINE TAP MONITORING OR REPORTING VIOLATION	
	Failure to sample required number of sites for lead and copper during routine performance monitoring or during follow-up monitoring. or Failure to report results properly.	Tier 3 PN
53	LCR WATER QUALITY PARAMETERS MONITORING OR REPORTING VIOLATION	
	Failure to sample required number of taps or entry points for water quality parameters. or Failure to report results properly.	Tier 3 PN
56	LCR LEAD & COPPER SOURCE (EP) INITIAL, FOLLOW-UP, OR ROUTINE PERFORMANCE MONITORING OR REPORTING VIOLATION	
	Failure to conduct source lead or copper monitoring (entry points) as required (when action level is exceeded). or Failure to produce results upon request (in study).	Tier 3 PN
57	LCR FAILURE TO DO STUDY OR TO RECOMMEND TREATMENT (TREATMENT TECHNIQUE) VIOLATION	
	Systems serving greater than 50,000: Failure to submit study or recommendation for corrosion control treatment or source water treatment by 6/30/94.	Tier 2 PN
	Systems serving 50,000 or less: Failure to submit a permit application for corrosion control treatment or source water	Tier 2 PN

	<p>treatment within 30 months of the first action level exceedance.</p> <p>NOTE: Even though Chapter 109 requires that a feasibility study be submitted within 18 months of an action level exceedance, a violation for failure to do so is not generated unless a construction permit application is not received within 30 months. This is to be consistent with federal reporting requirements.</p>	
Code	Violation Type / Description	PN Required
<u>58</u>	LCR FAILURE TO INSTALL CORROSION CONTROL TREATMENT (TREATMENT TECHNIQUE) VIOLATION	
	Systems serving greater than 50,000: This violation type occurs when a system does not complete corrosion control treatment or source water treatment construction by Dec. 31, 1996.	Tier 2 PN
	Systems serving 50,000 or less: Failure to complete corrosion control treatment or source water treatment construction within 24 months after approval to construct corrosion control treatment was granted, if corrosion control treatment is required.	Tier 2 PN
<u>59</u>	LCR WATER QUALITY PARAMETERS PERFORMANCE LEVEL REQUIREMENT - TREATMENT TECHNIQUE VIOLATION	
	Failure to maintain water quality parameters (WQP) performance level requirements at the entry point or in the distribution system after WQPs have been designated.	Tier 2 PN
<u>63</u>	LCR LEAD OR COPPER ENTRY POINT PERFORMANCE LEVEL REQUIREMENT - TREATMENT TECHNIQUE VIOLATION	
	Failure to maintain permit-mandated lead or copper performance level requirements at an entry point. EPA refers to this as maximum permissible level (MPL).	Tier 2 PN
<u>64</u>	LCR LEAD SERVICE LINE REPLACEMENT - TREATMENT TECHNIQUE VIOLATION	
	Failure to replace at least 7% of lead service lines by the lead service lines replacement due date of each year if lead service line replacement is required (i.e., if action level continues to be exceeded after treatment) or failure to submit certification that LSLR has been completed.	Tier 2 PN
<u>65</u>	LCR PUBLIC EDUCATION - TREATMENT TECHNIQUE VIOLATION	

	<p>Failure to fulfill public education requirements whenever a lead action level is exceeded.</p> <p>Public Education requirements include:</p> <ul style="list-style-type: none"> · conducting public education within 60 days of action level exceedance · using mandatory language · repeating direct notice every 12 months and public service announcement every 6 months · demonstrating proper delivery of public education materials within 10 days of delivery. 	
Code	Violation Type / Description	PN Required
66	LCR LEAD CONSUMER NOTICE	
	<p>Failure to provide consumer tap notice of lead results. Consumer tap notice requirements include: notifying each tap that was sampled within 30 days of obtaining the sample results, including all required content (sample results, health effects language, AL, and MCLG information, steps consumer can take to reduce lead in drinking water, PWS contact information), submitting to DEP a sample copy of consumer tap notice and certification of delivery within 3 months of the end of the monitoring period.</p>	
73	GWR POSITIVE SAMPLE NOTIFICATION VIOLATION	
	<p>Failure by a consecutive system to notify the wholesaler of a coliform-positive routine TCR sample or failure by a wholesaler to notify the consecutive system(s) of an <i>E. coli</i>-positive source water sample.</p>	Tier 2 PN
76	PN VIOLATION FOR WATERBORNE OUTBREAK OR EMERGENCY	
	<p>Failure to issue PN for a situation that is not linked to an underlying violation (such as a waterborne disease outbreak).</p>	
7L	LATE CCR VIOLATION	
	<p>Failure to submit the consumer confidence report on or before July 1.</p>	
7M	MISSING CCR VIOLATION	
	<p>Failure to submit a consumer confidence report.</p>	

Code	Violation Type / Description	PN Required
7G	GROSSLY INCOMPLETE CCR VIOLATION	
	This violation type occurs when the content of the consumer confidence report is grossly incomplete.	
7P	PARTIALLY INCOMPLETE CCR VIOLATION	
	This violation type occurs when the content of the consumer confidence report is partially incomplete.	
7C	CCR CERTIFICATION VIOLATION	
	Failure to submit the CCR Certification or failure to submit the CCR Certification on or before Oct 1.	
E1	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER	
	For systems serving 10,000 or more : Failure to produce a filter profile within 7 days of an individual filter turbidity exceedance (greater than 1.0 NTU in 2 consecutive measurements taken 15 minutes apart) if unable to identify an obvious reason within 24 hours the exceedance.	Tier 2 PN
	For systems serving less than 10,000: Failure to identify and report an obvious reason within 24 hours of an individual filter turbidity exceedance (greater than 1.0 NTU in 2 consecutive measurements taken 15 minutes apart).	Tier 2 PN
	Applies only to surface water systems with conventional or direct filtration.	
E2	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER	
	For systems serving 10,000 or more: Failure to produce a filter profile within 7 days of an individual filter turbidity exceedance (greater than 0.5 NTU in 2 consecutive measurements taken at 4 hours and 4 hours 15 minutes after filter backwash) if unable to identify an obvious reason within 24 hours the exceedance.	Tier 2 PN
	For systems serving less than 10,000: Failure to identify and report an obvious reason within 24 hours of an individual filter turbidity exceedance (greater than 0.5 NTU in 2 consecutive measurements taken at 4 hours and 4 hours 15 minutes after filter backwash).	Tier 2 PN
	Applies only to surface water systems with conventional or direct	

	filtration.	
Code	Violation Type / Description	PN Required
<u>F3</u>	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER	
	Failure to conduct a filter self-assessment within 14 days of an individual filter turbidity exceedance (greater than 1.0 NTU in 2 consecutive measurements taken 15 minutes apart in each of 3 consecutive months).	Tier 2 PN
	Applies only to surface water systems with conventional or direct filtration.	Tier 2 PN
<u>F4</u>	IESWTR / LT1ESWTR RESPONSE TO INDIVIDUAL FILTER TRIGGER	
	For systems serving 10,000 or more: Failure to arrange within 30 days for a comprehensive performance evaluation (CPE) to be conducted or failure to submit CPE within 90 days after individual filter turbidity exceedance (greater than 2.0 NTU in 2 consecutive measurements taken 15 minutes apart in 2 consecutive months)	Tier 2 PN
	For systems serving less than 10,000: Failure to arrange within 60 days for a comprehensive performance evaluation (CPE) to be conducted or failure to submit CPE within 120 days after individual filter turbidity exceedance (greater than 2.0 NTU in 2 consecutive measurements taken 15 minutes apart in 2 consecutive months).	Tier 2 PN
	Applies only to surface water systems with conventional or direct filtration.	
<u>F9</u>	IESWTR / LT1ESWTR INDIVIDUAL FILTER EXCEEDANCE MONITORING OR REPORTING VIOLATION	
	Failure to report individual filter turbidity exceedance results correctly.	Tier 3 PN
	Applies only to surface water systems with conventional or direct filtration.	
<u>N1</u>	TIER 1 PN VIOLATION	
	Failure to issue PN for a Tier 1 violation. or Failure to issue repeat PN (if required).	

Code	Violation Type / Description	PN Required
N2	TIER 2 PN VIOLATION	
	Failure to issue PN for a Tier 2 violation. or Failure to issue repeat PN (if required).	
N3	TIER 3 PN VIOLATION	
	Failure to issue PN for a Tier 3 violation. or Failure to issue repeat PN (if required).	
P1	FILTER RULE SINGLE SAMPLE PERFORMANCE LEVEL REQUIREMENT VIOLATION	
	Turbidity: This violation type occurs when any combined filter effluent results are greater than 2.0 NTU during the month. Applies only to surface water systems with slow sand or diatomaceous earth (DE) filtration.	Tier 1 PN
	Entry Point Disinfectant Residual: This violation type occurs when any entry point residual is less than 0.2 mg/L for more than 4 hours during the month. Applies to all systems with filtered surface water	Tier 1 PN
	Distribution Disinfectant Residual: This violation type occurs when a residual is not detected (less than 0.02 mg/L) in the distribution system during the month and the HPC result is greater than 500 or no HPC result is submitted. Applies to all systems with filtered surface water or purchased surface water.	Tier 2 PN
P2	FILTER RULE MONTHLY PLANT PERFORMANCE LEVEL REQUIREMENT VIOLATION	
	Failure to maintain at least 95% of the combined filter effluent samples below the turbidity performance level requirement (1.0 NTU) during the month. Applies only to surface water systems with slow sand or diatomaceous earth (DE) filtration.	Tier 2 PN
P3	FILTER RULE PERFORMANCE MONITORING OR REPORTING VIOLATION - FILTERED SYSTEMS	
	Turbidity: Failure to take or report the required number of combined filter effluent turbidity samples during the month. Applies only to surface water systems with slow sand or diatomaceous earth (DE) filtration.	Tier 3 PN
	Disinfectant Residual: Failure to take or report the required number of entry point disinfectant residual or distribution system disinfectant residual samples during the month. Applies to all	Tier 3 PN

	systems with filtered surface water	
Code	Violation Type / Description	PN Required
<u>P4</u>	FILTER RULE PERFORMANCE MONITORING OR REPORTING VIOLATION - UNFILTERED SYSTEMS	
	Failure to take or report the required number of distribution system residual disinfectant samples during the month.	Tier 3 PN
<u>P5</u>	IESWTR / LT1ESWTR PERFORMANCE MONITORING OR REPORTING VIOLATION	
	Failure to take or report the required number of combined filter effluent turbidity samples during the month. Applies only to surface water systems with conventional, direct, or other filtration (excluding slow sand and diatomaceous earth).	Tier 3 PN
<u>P6</u>	IESWTR / LT1ESWTR SINGLE SAMPLE MONITORING OR REPORTING VIOLATION	
	Failure to report by end of next business day that combined filter effluent turbidity has exceeded 1.0 NTU.	Tier 3 PN
<u>P7</u>	IESWTR / LT1ESWTR INDIVIDUAL FILTER MONITORING OR REPORTING VIOLATION	
	Failure to monitor individual filter effluent correctly (failure to monitor, failure to collect grab samples if equipment malfunctions, etc.).	Tier 3 PN
	Failure to report that monthly individual filter monitoring has been done.	Tier 3 PN
	Applies only to surface water systems with conventional or direct filtration.	