Disinfectant Residual Worksheet for MRDL Calculation
Groundwater or Purchased Water PWSs with
750 to 4900 Customers

This worksheet is provided to help systems keep track of the residual disinfectant that you collect with your coliform samples.
Do **NOT** send this worksheet to us. You should send your results to us on the DL QOR form.

PWS Name:	PWS ID:
MONTH:	YEAR:

Type of Disinfectant Used in Distribution System: ☐ Free chlorine (MIN= 0.2 mg/L) ☐ Chloramine (MIN = 0.5 mg/L)

Disinfectant Residual Collected with Coliform Sample(s)

#	Sample Date	Sample Site	Disinfectant Residual	Less than MIN? Y/N
1				
2				
3				
4				
5				

Groundwater and purchased water systems that serve up to 1000 people must collect **one** coliform sample a month. The disinfectant should be measured at the same time. If you have a coliform-found sample, you must collect **four** repeat samples immediately. Then, the month after the coliform-found, you must collect follow-up routine samples. Therefore, this worksheet provides room to keep track of more than one sample. If you have multiple positive results, use another piece of paper.

Disinfectant Residual Collected Daily

Sample Date	Sample Site	Residual	Less than MIN? Y/N	Sample Date	Sample Site	Residual	Less than MIN? Y/N
1				17			
2				18			
3				19			
4				20			
5				21			
6				22			
7				23			
8				24			
9				25			
10				26			
11				27			
12				28			
13				29			
14				30			
15				31			
16							

Groundwater and purchased water systems that serve 750 or more people must collect **one** disinfectant residual sample **daily**. The worksheet provides room to keep track of 31 days. If you collect more than 31 samples in a month you will need another piece of paper.

Monthly Summary

Number of Samples	Highest Reading	Lowest Reading	Average	# Below MIN	# with NO residual
(1)	(2)	(3)	(4)	(5)	(6)

These are the numbers that you will need to report on the GW PW Monthly Operating Report form (TCEQ-0811).

(1) Add up all the disinfectant results from samples collected with coliform samples, plus weekly distribution system samples. Write that number here.
(2) Write in the highest residual from all your samples.
(3) Write in the lowest residual from all samples.
(4) Add up the residual from all samples and divide by the number of samples. Write that number here.
(5) Write in the number of samples that had less than 0.2 mg/L for free chlorine, or less than 0.5 mg/L for chloramines.
(6) Write in the number of samples that had no disinfectant at all.