

Arizona Department of Environmental Quality
 Quarterly Report for Conventional Treatment
TOC and Alkalinity Reporting for Step 1 or 2 Percent Reduction

System ID [/ / - / /] System Name [_____]

Report Date [____] Quarter [____] Year [____] Plant # [____]

A Number of Sample-Sets (source and treated water TOC, and source water alkalinity) collected during the past three months _____

B For each month report:

1 Monthly results of sample set **2** Monthly TOC percent removal **3** Monthly TOC removal ratio

1. Sample Date _____ Source TOC _____ Treated TOC _____ Source Alkalinity _____
 If plant was not in operation during this month, check here _____

2. Monthly TOC percent removal = $\left[1 - \left(\frac{\text{Treated water TOC}}{\text{Source water TOC}} \right) \right] \times 100 =$ _____

3. Monthly TOC removal ratio = $\frac{\text{Monthly TOC percent removal}}{\text{Step 1 or Step 2 percent reduction requirement}} =$ _____

1. Sample Date _____ Source TOC _____ Treated TOC _____ Source Alkalinity _____
 If plant was not in operation during this month, check here _____

2. Monthly TOC percent removal _____

3. Monthly TOC removal ratio _____

1. Sample Date _____ Source TOC _____ Treated TOC _____ Source Alkalinity _____
 If plant was not in operation during this month, check here _____

2. Monthly TOC percent removal _____

3. Monthly TOC removal ratio _____

C Monthly TOC removal ratios for the last 12 months

_____	_____	_____	_____	_____	_____	_____
Last m	2 m ago	3 m ago	4 m ago	5 m ago	6 m ago	7 m ago
_____	_____	_____	_____	_____	_____	_____
8 m ago	9 m ago	10 m ago	11 m ago	12 m ago		

D Annual average of TOC removal = $\frac{\text{Sum of all TOC removal ratios in C}}{12} =$ _____

E Is the annual average of TOC removal in D less than 1? Yes [] No [] *A "yes" is a violation of the TOC removal requirement.

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

Authorizer Name: [_____] Signature: [_____]

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