

## Texas Commission on Environmental Quality

### CHECKLIST WORKSHEET

WQ 217

**Regulating Entity Name**

**Date :**

**Additional I D:**

**Investigator Name:**

<b>Item Number 1</b>	<b>Description</b>	Does the facility have an operation and maintenance manual available for review at the treatment facility that was developed with the assistance of an engineer?		
	<b>Answer</b>	<b>Citations</b>	217.16(a)	<b>Notes</b>
<b>Item Number 2</b>	<b>Description</b>	Does the facility use a combination of primary and secondary measuring devices?		
	<b>Answer</b>	<b>Citations</b>	217.33(c)	<b>Notes</b>
<b>Item Number 3</b>	<b>Description</b>	If the facility was designed after August 28, 2008, is the wash down water or water for irrigating the grounds Type I or Type II reclaimed water which is reclaimed after disinfection and metered to measure amount used? (The use of potable water is prohibited.)		
	<b>Answer</b>	<b>Citations</b>	217.39(b)	<b>Notes</b>
<b>Item Number 4</b>	<b>Description</b>	If the facility uses a coarse screening device, does it include a bypass channel sized to handle the peak flow of the facility, and does it include a means of diverting flow to the bypass channel? (At minimum, a coarse screening device is required.)		
	<b>Answer</b>	<b>Citations</b>	217.121(a)	<b>Notes</b>
<b>Item Number 5</b>	<b>Description</b>	If a fine screen device is used, is there a bypass channel with a coarse screening device provided?		
	<b>Answer</b>	<b>Citations</b>	217.122(f)	<b>Notes</b>
<b>Item Number 6</b>	<b>Description</b>	If a facility's total daily influent flow volume occurs during a period of time less than or equal to 10 hours a day for any day of any week; receives influent flow of less than 10% of the design capacity for a period of time equal to or greater than 48 hours in any one week; or has random or cyclic peaking of organic or hydraulic loadings, does the facility have a flow equalization basin?		
	<b>Answer</b>	<b>Citations</b>	217.128(a)(3)	<b>Notes</b>
<b>Item Number 7</b>	<b>Description</b>	If a facility uses chemical pretreatment of sludge, is the potable water line protected by at least the equivalent of two backflow preventers, including at least one air gap between a supply pipe and a solution tank?		
	<b>Answer</b>	<b>Citations</b>	217.247(r)(3)(c)	<b>Notes</b>
<b>Item Number 8</b>	<b>Description</b>	If the facility uses a hopper bottom clarifier without mechanical sludge collection equipment, is the facility's maximum flow less than 10,000 gpd?		
	<b>Answer</b>	<b>Citations</b>	217.152(h)(1)	<b>Notes</b>
<b>Item Number 9</b>	<b>Description</b>	Does each hopper cell of a hopper bottom clarifier have individually controlled sludge removal equipment?		
	<b>Answer</b>	<b>Citations</b>	217.152(h)(2)	<b>Notes</b>
<b>Item Number 10</b>	<b>Description</b>	If the facility uses 150-lb cylinders of gaseous chlorine for disinfection or sulfur dioxide for dechlorination, is all chemical feed equipment (including the cylinders, chlorinators, and/or sulfonators) located indoors at a minimum of 65 degrees Fahrenheit? (Spare cylinders may be stored outdoors.)		
	<b>Answer</b>	<b>Citations</b>	217.275(a)(1)	<b>Notes</b>

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Item Number 11	<p><b>Description</b> If the facility uses gaseous chlorine for disinfection or sulfur dioxide for dechlorination and the active one-ton cylinders are located indoors, are they kept at a minimum of 65 degrees Fahrenheit? (Connected one-ton cylinders using gas withdrawal may be stored outdoors if they are protected from direct sunlight and allow for the safe removal and replacement of a cylinder (i.e. hoisting equipment.)</p> <p><b>Answer</b>                      <b>Citations</b>                      217.276(a)                      <b>Notes</b></p>
Item Number 12	<p><b>Description</b> If gaseous chlorine and/or sulfur dioxide is used, does the building housing the system have an exterior door with panic hardware and at least one clear, gas-tight window in the exterior door?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.278(b)(1)(                      <b>Notes</b></p>
Item Number 13	<p><b>Description</b> If a sodium hypochlorite disinfection system and/or a sodium bisulfite dechlorination system is used, are there two chemical solution pumps (for each) that meet the capacity requirements in 217.272(b) with the largest pump out of service?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.280(a)                      <b>Notes</b></p>
Item Number 14	<p><b>Description</b> If the facility uses bleach for disinfection or sodium bisulfite for dechlorination, does the system automatically adjust the feed rate to correspond to the flow of the effluent discharge?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.280(c)                      <b>Notes</b></p>
Item Number 15	<p><b>Description</b> If a sodium hypochlorite disinfection system and/or a sodium bisulfite dechlorination system is used, is there secondary containment equal to 125% of the volume of the largest tank?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.280(f)(3)(/                      <b>Notes</b></p>
Item Number 16	<p><b>Description</b> If the facility uses bleach for disinfection or sodium bisulfite for dechlorination, is there at least one emergency eye wash station in the chemical storage area?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.280(f)(4)                      <b>Notes</b></p>
Item Number 17	<p><b>Description</b> Is the facility using an alternate form of chemical disinfection or dechlorination, such as chlorine dioxide, ozone, tablet or powder disinfection and dechlorination processes? If so, has the facility requested and received a variance to use the alternate form of chemical disinfection or dechlorination?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.282                      <b>Notes</b></p>
Item Number 18	<p><b>Description</b> If the facility uses UV disinfection, are the approach and downstream channels unobstructed and extend at least four feet before and after the first and last banks of UV lamps?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.297(b)                      <b>Notes</b></p>
Item Number 19	<p><b>Description</b> Is appropriate equipment provided for access to equipment (steep or vertical ladders are acceptable only for infrequent access)?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.325(c)                      <b>Notes</b></p>
Item Number 20	<p><b>Description</b> Are non-potable water lines painted purple and stenciled "NON-POTABLE WATER" or "UNSAFE WATER"?</p> <p><b>Answer</b>                      <b>Citations</b>                      217.329(d)                      <b>Notes</b></p>
Item Number 21	<p><b>Description</b> Item #1</p> <p><b>Answer</b>                      <b>Citations</b>                      <b>Notes</b></p>
Item Number 22	<p><b>Description</b> Item #2</p> <p><b>Answer</b>                      <b>Citations</b>                      <b>Notes</b></p>
Item Number 23	<p><b>Description</b> Item #3</p> <p><b>Answer</b>                      <b>Citations</b>                      <b>Notes</b></p>
Item Number 24	<p><b>Description</b> Item #4</p> <p><b>Answer</b>                      <b>Citations</b>                      <b>Notes</b></p>
Item Number 25	<p><b>Description</b> Item #5</p> <p><b>Answer</b>                      <b>Citations</b>                      <b>Notes</b></p>

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	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 26</b>	<b>Description</b> Item #6		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 27</b>	<b>Description</b> Item #7		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 28</b>	<b>Description</b> Item #8		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 29</b>	<b>Description</b> Item #9		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 30</b>	<b>Description</b> Item #10		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 31</b>	<b>Description</b> Item #11		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>
<b>Item Number 32</b>	<b>Description</b> Item #12		
	<b>Answer</b>	<b>Citations</b>	<b>Notes</b>