



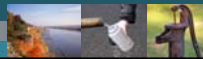
Case Study Exercise



Helping Magnificent Park Water System Navigate the New Revised Total Coliform Rule Requirements

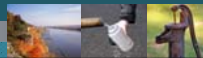
November 2015

Case Study



Magnificent Park: Profile

System Characteristics	
NTNCWS	Quarterly routine monitoring
Uses one ground water well	Collects 1 sample per quarter
Operates year round	State does NOT allow dual purpose GWR – RTCR sampling
Serves 156 persons	Sampling siting plan does not identify new repeat sample locations
Disinfects (<4 log)	



Question 1

- By when is the PWS required to notify the state of the EC+ result?



Question 1

- By when is the PWS required to notify the state of the EC+ result?

End of the day 4/13.

(If result is received after state office closes and there is no after-hours phone line or alternate notification procedure, then end of next business day.)



Question 2

- Is the PWS required to notify its customers of the EC+ result?



Question 2

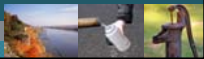
- Is the PWS required to notify its customers of the EC+ result?

No



Question 3

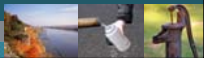
- Did the PWS collect the minimum required number of repeat samples, on schedule?



Question 3

- Did the PWS collect the minimum required number of repeat samples, on schedule?

Yes



Question 4

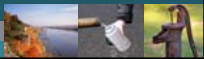
- Has an RTCR violation occurred?



Question 4

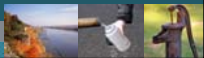
- Has an RTCR violation occurred?

No



Question 5

- Has an assessment been triggered?



Question 5

- Has an assessment been triggered?

No



Question 6

- The PWS must take _____ [number]
additional routine samples in
_____ [month].



Question 6

- The PWS must take **3** _____ [number]
additional routine samples in
May _____ [month].



Question 7

- Based on the additional routine sample results, the PWS must notify the state of the EC+ result by the end of the day on 5/11/2016.

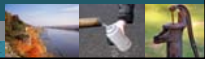
True or False?



Question 7

- Based on the additional routine sample results, the PWS must notify the state of the EC+ result by the end of the day on 5/11/2016.

True



Question 8

- Based on the additional routine sample results, the system operator must take _____[total number] repeat samples.



Question 8

- Based on the additional routine sample results, the system operator must take **9** [total number] repeat samples.



Question 9

- Since one or more of the 5/9/16 additional routine samples were TC+, _____ [total number] additional routine samples must be collected by _____ [month/year]?



Question 9

- Since one or more of the 5/9/16 additional routine samples were TC+, **3** [total number] additional routine samples must be collected by **June '16** [month/year]?



Question 10

- Based on the additional routine results, what level of assessment was triggered?



Question 10

- Based on the additional routine results, what level of assessment was triggered?

Level 1



Question 11

- The PWS must complete the assessment and submit a completed assessment form to the state by _____ [month/day/year]?



Question 11

- The PWS must complete the assessment and submit a completed assessment form to the state by 6/11/16[month/day/year]?