

# YOUR ZOMBIE COMMUNITY WATER ANALYSIS

**Community Number:** \_\_\_\_\_

**Community Member Names:**

\_\_\_\_\_

\_\_\_\_\_

## TEST RESULTS

### BACTERIA TEST

What were the results of your bacteria test?

Positive	Negative
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### pH Test

What were the results of your pH test?

6.0	6.4	6.8	7.2	7.6	8.2	9.0	None of these
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### Iron Test

What were the results of your iron test?

0	5	10	25	50	100	250	None of these
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### Copper Test

What were the results of your copper test?

0	1	10	30	100	300	None of these
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## Lead Test

What were the results of your lead test?

0	20	50	100	200	500	None of these
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## Nitrate Test

What were the results of your nitrate test?

0	10	25	50	100	250	500	None of these
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## Nitrite Test

What were the results of your nitrite test?

0	1	5	10	20	40	80	None of these
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## Free Chlorine Test

What were the results of your free chlorine test?

0	0.5	1	3	5	10	20	None of these
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## TEST ANALYSIS

<b>BACTERIA TEST</b>	Was your bacteria test negative?	<b>YES</b>	<b>NO</b>
<b>pH TEST</b>	Was your pH test between 6.4 and 8.2?	<b>YES</b>	<b>NO</b>
<b>IRON TEST</b>	Was your iron test 0?	<b>YES</b>	<b>NO</b>
<b>COPPER TEST</b>	Was your copper test 0 or 1?	<b>YES</b>	<b>NO</b>
<b>LEAD TEST</b>	Was your iron test 0?	<b>YES</b>	<b>NO</b>
<b>NITRATE TEST</b>	Was your nitrate test 10 or below?	<b>YES</b>	<b>NO</b>
<b>NITRITE TEST</b>	Was your nitrite test 0 or 1?	<b>YES</b>	<b>NO</b>
<b>FREE CHLORINE TEST</b>	Was your nitrite test 1 or below?	<b>YES</b>	<b>NO</b>

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## EVALUATING THE TEST RESULTS

If you answered **yes** to all the questions, your drinking water is safe! If you answered **no** to any of the questions, your water is not safe. Whether it is safe or not, answer the following reflection questions as a class.

1.) If your water was safe, why do you think your filtration system was a success? What did you do that made it work effectively?

2.) If your water was unsafe, why do you think your filtration system was unsuccessful? What would you do differently next time? Why?