

**AP Environmental Science**  
**Remediating a Toxic Earth – WALL•E**

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1. What is BnL and what does it stand for? \_\_\_\_\_

2. What is WALL•E and what does the name WALL•E mean?

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3. Why did the humans leave Earth? What is the primary cause of Earth's demise?

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4. What is EVE, what is her mission and what does her name mean? Symbolism?

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5. How did the filmmakers depict Earth's atmosphere? Why? Relate this to our study of biogeochemical cycles.

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6. EVE has been designed with remote sensing technology. She is searching for plant life in a way some of our real probes have tried to detect organic chemicals on Mars. What kinds of chemicals could a plant-sensing probe detect that makes the plants decidedly different from animals, fungi and or bacteria?

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7. Why are all the humans in this movie obese and why are they incapable of walking?

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8. The humans in this movie are representative of the “obesity paradox”. This occurs in the developed (industrialized) world. Explain this paradox and why so few characters are being shown as “old” in this movie.

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9. What do you notice about the timeline of ship’s captains? (the series of portraits)

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