Questions – Virtual Tour of Central Landfill

Student Name __________________________________________

1. Which TWO of the following are NOT true statements about the Central Landfill?

   A. It is a sanitary landfill.
   B. The height at the top of the landfill is 250ft above sea level.
   C. It is the highest point in Rhode Island.
   D. The distance between the highest ground water level and the bottom of the landfill must be at least 5 ft.

2. Fill in the blank:

   During the construction of the landfill liner, __________________ pipes are sandwiched within the layers of clay, sand and stone to capture and remove any water that flows through the trash.

3. Circle the term that belongs in the sentence below:

   The dirty water that passes through the trash is called ____________.
   SEDIMENT  GRAY WATER  LEACHATE

4. After trash is tipped and inspected to ensure its contents are safe, a large compactor runs over the trash to crush it. Why?

   _______________________________________________________________________________________
   _______________________________________________________________________________________
   _______________________________________________________________________________________
   _______________________________________________________________________________________

5. True or false:

   Trucks from RI, MA and CT deliver trash to RIRRC each day. _______ True _______ False
   Cities and towns tip trash and recycling for free at RIRRC. _______ True _______ False
   Trash is covered at the end of each day; no trash is exposed overnight. _______ True _______ False
   After capping a phase, rainwater cannot contact the trash. _______ True _______ False
   Methane is 21x as potent a greenhouse gas as carbon dioxide. _______ True _______ False

6. The carbon dioxide and methane collected are used as fuel to produce enough energy to power how many RI homes each year?

   A. 12,000
   B. 21,000
   C. 28,000
   D. 58,000