

# Episode 17

## Derek Namanny, urban conservationist

Jackie visited Derek Namanny who is an urban conservationist. An urban conservationist shows people in towns and cities how to keep their land healthy and their water clean.

Water <sup>1</sup>running off of roofs, <sup>2</sup>sidewalks, yards and streets can go <sup>3</sup>right <sup>4</sup>into storm drains.

From <sup>5</sup>there the water quickly goes into <sup>6</sup>streams, lakes, or <sup>7</sup>rivers, taking with it <sup>8</sup>pollution <sup>9</sup>

such as lawn <sup>11</sup>chemicals, oil and <sup>12</sup>gas that has leaked <sup>13</sup>from vehicles, <sup>14</sup>litter, and <sup>15</sup>soil that

has washed off of <sup>16</sup>bare <sup>17</sup>ground. When water <sup>18</sup>moves slowly into the earth, it has <sup>19</sup>a

<sup>20</sup>chance to get clean before it gets to the river, <sup>21</sup>lake, or stream.

Derek talked about several conservation practices that people can use to slow down water and allow it to soak into the ground. *Write the letters that go with the numbers on the lines below to name two of these practices.*

\_\_\_\_\_ 1 7 3 4      \_\_\_\_\_ 6 20 8 13 2 4 15

\_\_\_\_\_ 10 5 18 11 2 21 16 14 2      \_\_\_\_\_ 10 12 9 5 17 19

*Mark the following statements "T" for true and "F" for false.*

- \_\_\_\_\_ 1. Excess phosphorus from yard chemicals can cause green algae growth in lakes and ponds.
- \_\_\_\_\_ 2. Mowing your grass often is a good conservation practice.
- \_\_\_\_\_ 3. Putting rain barrels below downspouts allows you to use water that runs off of your roof.
- \_\_\_\_\_ 4. Picking up trash doesn't help to keep water clean.
- \_\_\_\_\_ 5. Using more fertilizer on the lawn will help keep water clean.
- \_\_\_\_\_ 6. Putting in a rain garden will help slow down water so it doesn't run right into storm drains.
- \_\_\_\_\_ 7. Impervious means that water can soak into it.