4. A water runoff system for removing suspended particles from a liquid, the system comprising:

a filter vessel defining an internal chamber;

a deck positioned within the internal chamber and dividing the internal chamber into an upper chamber and a lower chamber, the deck having a plurality of holes formed therein, each hole having a filtration element therein;

an inlet line for introducing a liquid into the lower chamber;

an outlet above the deck for permitting liquid to exit the upper chamber;

a ridge positioned on a top surface of the deck, the ridge forming a continuous perimeter on the top surface of the deck;

a plurality of filtration elements positioned within the perimeter; and

at least one filtration element positioned outside the perimeter, the filtration element having a lid with at least one hole sized to induce a pulsing/vibration effect during operation to assist in maintaining cleanliness of the filtration elements;

wherein when flow subsides from the inlet, liquid that has accumulated above the deck and inside of the perimeter flows downward through the filtration elements located inside the perimeter, flowing downward and into the lower chamber and up through the filtration element positioned outside the perimeter and through the at least one hole in the lid, thereby backwashing filter elements located inside the perimeter with filtered liquid; and

wherein pressure change during operation causes the water flowing through said at least one hole in the lid of the filter element positioned outside the perimeter to pulse, thereby creating a vibration that shakes the filtration elements.

5. The water runoff system of claim 4, wherein at least one of the filtration elements comprises a filtration cartridge.

6. The water runoff system of claim 4, further comprising a skirt that is positioned below the deck and surrounds the filtration elements.

7. A system for removing suspended particles from a liquid, the system comprising:

a filter chamber defining an internal chamber;

a deck positioned within the internal chamber and dividing the filter chamber into an upper chamber and a lower chamber, the deck having a plurality of holes formed therein, each hole having a filtration cartridge therein;

an inlet line for communicating an influent liquid to the filter chamber; and

a ridge positioned atop the deck, wherein the ridge acts as an outlet weir atop the deck, at least one of the filtration cartridges is positioned so that liquid that moves upward through the filtration cartridge for filtration exits the filter chamber by passing over the ridge to reach an outlet of the filter chamber, and when flow into the filter chamber subsides, liquid that has accumulated above the deck behind the ridge then flows backward through the filtration cartridge to backwash the filtration cartridge, causing liquid in the lower chamber to flow upward through another opening in the deck downstream of the ridge and then to the outlet of the filter chamber;

wherein each of the filtration cartridges comprises a plurality of elongated filter elements extending downward into the lower chamber, each filter element comprising a pleated filter member disposed around an internal frame to help retain a form of the pleated filter member and to define an internal flow space within the filter element.

8. The system of claim 7 wherein the another opening in the deck contains an additional filtration cartridge, and when flow into the filter chamber subsides, liquid that flows upward through the another opening passes through the additional filtration cartridge.

9. The system of claim 7, further comprising:

a skirt positioned on a bottom surface of the deck and extending below the deck into the lower chamber.

10. The system of claim 9, wherein the skirt surrounds at least one of the filtration cartridges.

11. The system of claim 9, wherein the skirt surrounds all of the filtration cartridges.

12. The system of claim 8 wherein the additional filtration cartridge has a lid with at least one hole sized to induce a pulsing/vibration effect such that during operation when water flowing upward through the at least one hole in the lid creates a vibration.

13. The system of claim 7 wherein each filter element further comprises an upper cap engaged with a top portion of the pleated filter member and a lower cap engaged with a bottom portion of the pleated filter member.

14. A method of removing sediment from stormwater, the method comprising:

introducing sediment-laden stormwater into a filter chamber that defines an internal chamber, a deck positioned within the internal chamber and dividing the filter chamber into an upper chamber and a lower chamber, the deck having a plurality of holes formed therein, each hole holding a filtration cartridge therein, and a ridge positioned atop the deck, wherein the ridge acts as on outlet weir atop the deck that is positioned between multiple filtration cartridges and an outlet of the filter chamber, the sediment-laden stormwater directed into the lower chamber;

filtering the sediment-laden stormwater by passing the stormwater from the lower chamber upward through the multiple filtration cartridges into the upper chamber;

passing the filtered stormwater over the ridge to reach the outlet of the filter chamber; and

when introduction of sediment-laden stormwater into the filter chamber subsides, filtered stormwater that has accumulated above the deck behind the ridge then flows backward through the multiple filtration cartridges to backwash the multiple filtration cartridges and thereby causes liquid in the lower chamber to flow upward through another opening in the deck at a downstream side of the ridge and then to the outlet of the filter chamber;

wherein each of the filtration cartridges comprises a plurality of elongated filter elements extending downward into the lower chamber, each filter element comprising a

pleated filter member disposed around an internal frame to help retain a form of the pleated filter member and to define an internal flow space within the filter element.

15. The method of claim 14 wherein the another opening in the deck contains an additional filtration cartridge, and when flow into the filter chamber subsides, liquid that flows upward through the another opening passes through the additional filtration cartridge.

16. The method of claim 14 wherein a skirt positioned on a bottom surface of the deck and surrounds the multiple filtration cartridges.

17. The method of claim 16 wherein sediment-laden stormwater swirls around the skirt, passes under the skirt and then upward through the filtration cartridges for filtering.

18. The method of claim 15 wherein the additional filtration cartridge has a lid with at least one hole sized to induce a pulsing/vibration effect such that during operation when water flowing upward through the at least one hole in the lid creates a vibration.

19. The method of claim 14 wherein each filter element further comprises an upper cap engaged with a top portion of the pleated filter member and a lower cap engaged with a bottom portion of the pleated filter member.