Reverse Osmosis, Theory & Real-life Applications chttps://home-tuition.sg

Theory - Osmosis

- Reverse Osmosis

Applications - Desalination

Recycle & Reuse Waste Water (NEWater)

Understanding Reverse Osmosis

Reverse asmosis, complor y referred to as BQ, is a process where you demineralize or deionize writer I v I us his of uncer are sure that us his assenting er heal le reverse is nose numbrane.

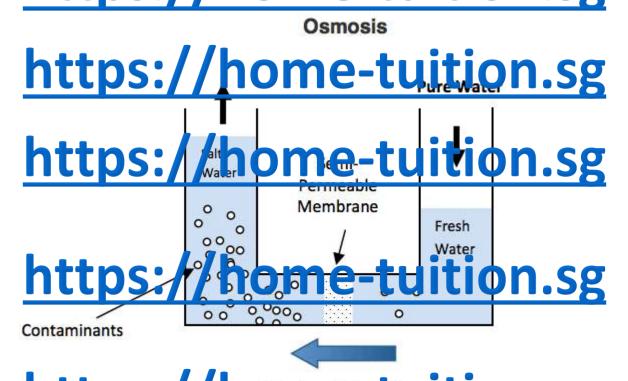
Osmosis

concentration.

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Osmosis is a naturally occurring phenomenon and one of the most important processes in nature. It is a process where a weaker saline solution will tend to migrate to a strong saline solution. Examples of a nosis are when lambda by what form he sample open does absorb water from our box.

Below is a diagram which shows how osmosis works. A solution that is less concentrated will have a natural tendency to migrate to a solution with a higher concentration. For example, if you had a could live the first water with a by (all of centarism in Landt er on a ner full that water with a high



salt concentration and they were separated by a semi—permeable membrane, then the water with the lower salt concentration would begin to migrate towards the water container with the higher salt