Case Study: Luke Air Force Base Bioremediation Transition

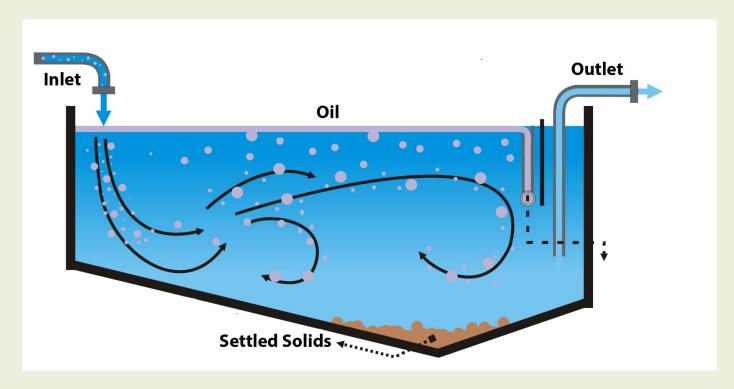
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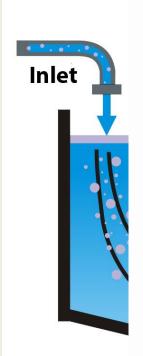
Conventional Oil and Water Separator

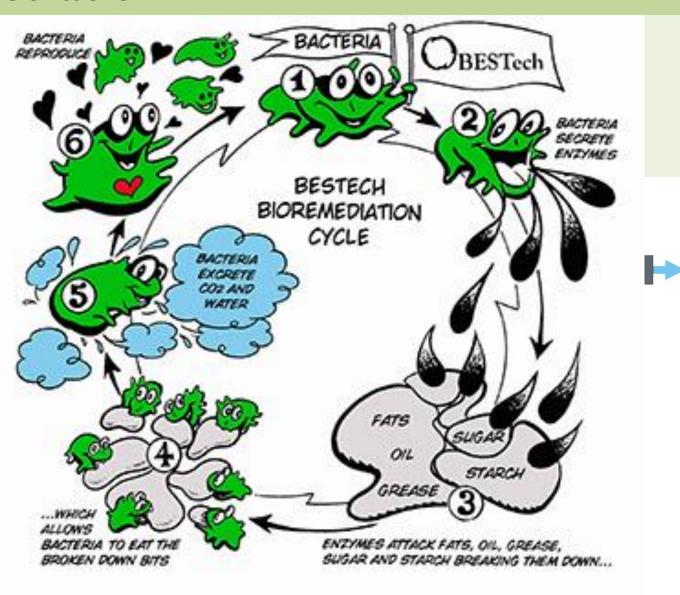
- Oil and Water separators work on a gravitational system that settles solids at the bottom oils rise to the top and water flows in between.
- Gravitational oil and water separators are not design for other contaminants aside from oil and petroleum.
- Water is then pumped and transported to a water treatment facility to be treated.



Bioremediation

- The use of contamination
- Microbes contamir



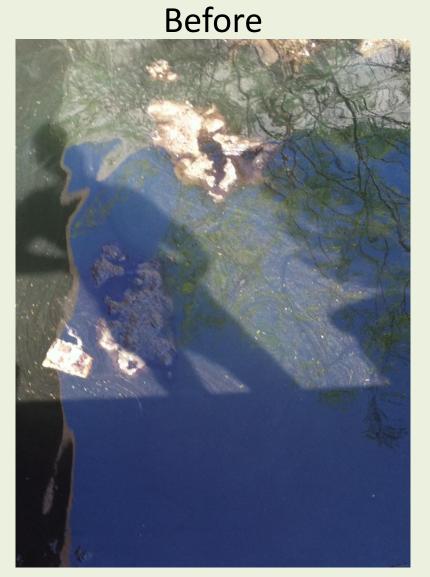


Implementation at Luke Air Force Base

- Effectively integrated with the existing work processes
- Grease traps and bacterial buckets at food facilities.
- Water runs to LAFB water treatment facility and certified to redistribute wherever.



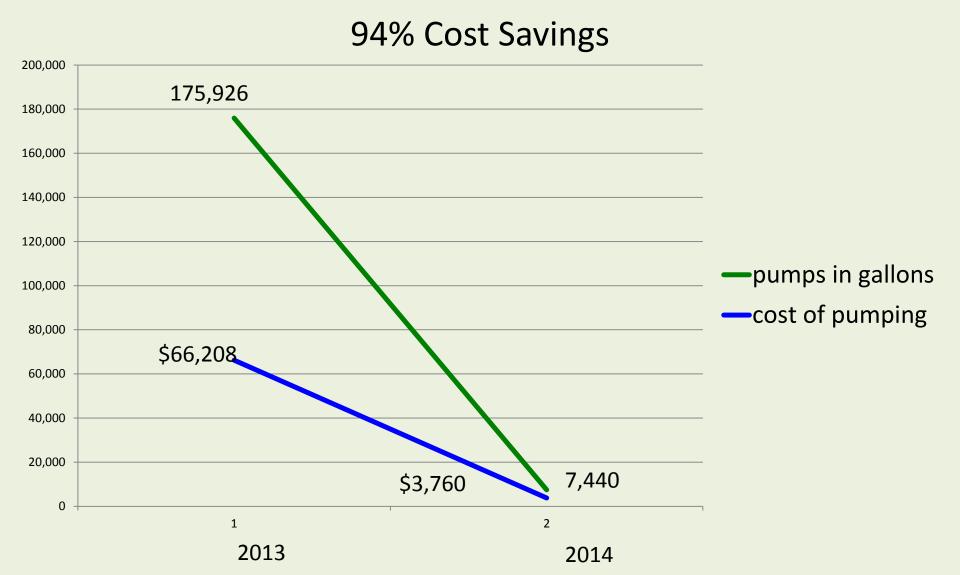
Before and After Bioremediation





Data Analysis

96% Reduction in Gallons Pumped



Potential Converts

