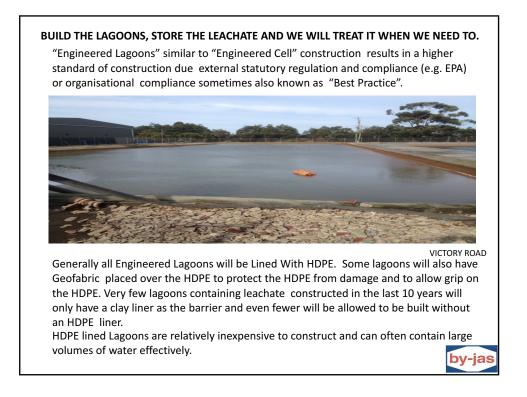


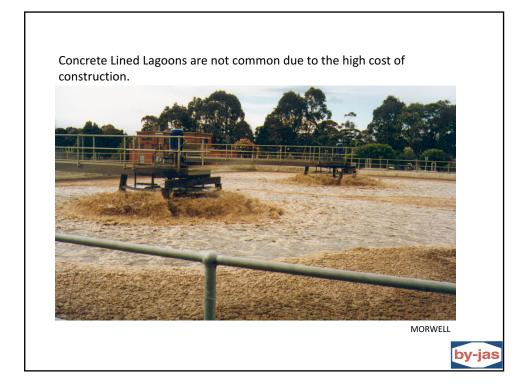


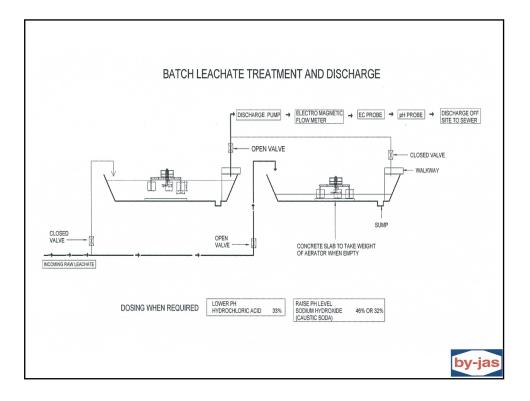


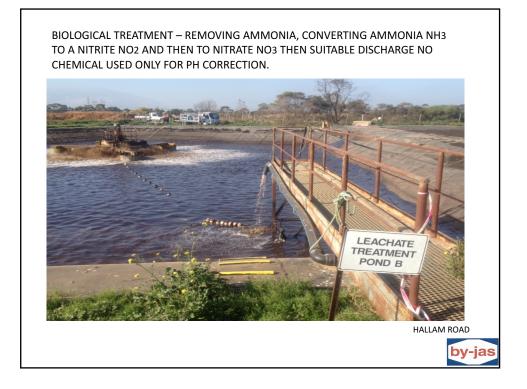
Leachate Treatment - normally addressed when the lagoon becomes odorous with the risk of the odour crossing the boundary and causing a nuisance to neighbors. This is particularly a problem when the lagoons are already built on the boundary fence and the asset owner is not sure what to do in order to effectively manage the nuisance



















"BATCH TREATMENT"

Effective treatment requires minimum of two lagoons. One lagoon can be ideal for smaller landfills that can store leachate in sumps while discharging to sewer.

The most effective method found over the last 20 years has been to pump leachate from any number of sumps into one leachate lagoon. Aerate the lagoon with one or two surface aerators to make sure the lagoon is fully mixed. Depths for the lagoon will be from 2 metres to 5 metres.



Gravity discharge is rare. It is most commonly used where leachate is produced from Organic/Composting or Windrow pads.

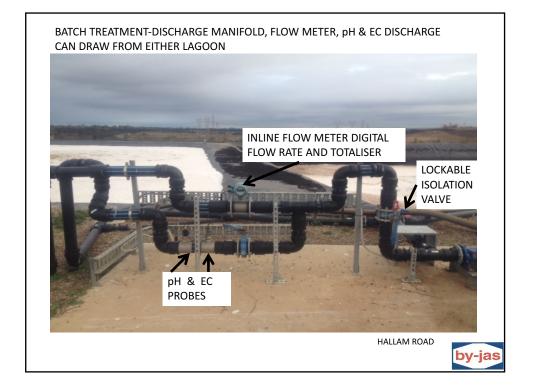
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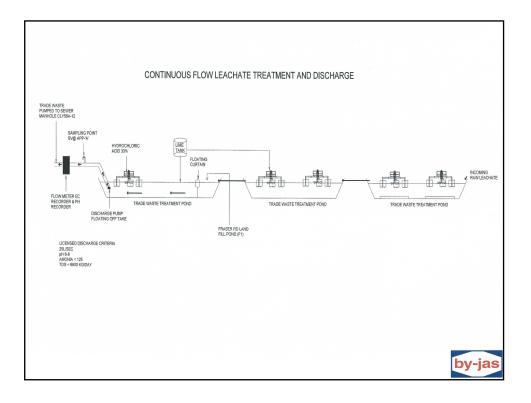




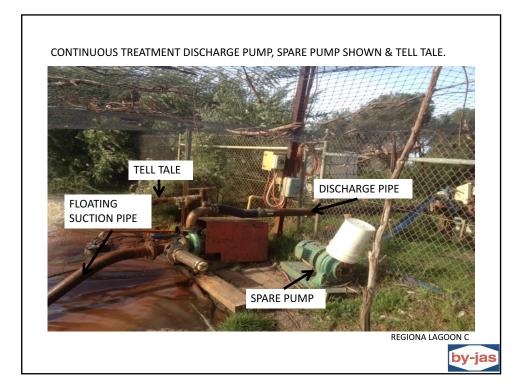






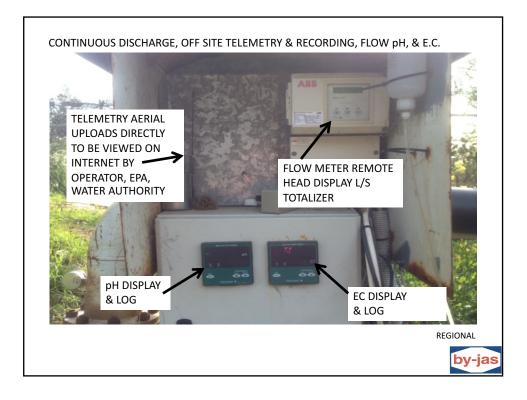


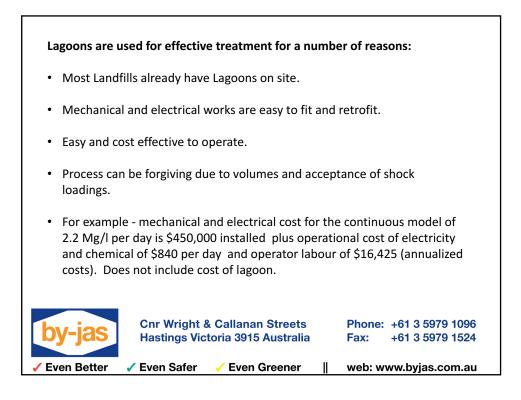












By-Jas Engineering has Built and Augmented over 500 Waste Water Treatment Plants (WWTP's) since its' inception, prior to 1978 it was trading as the "Environmental Division" of Evens Deakin Industries Limited. It

" Environmental Division" of Evans Deakin Industries Limited. It has comprehensive workshops in Hastings Victoria, where design, fabrication, fitting, machining, refurbishment and blasting and painting is carried out in house and on one site. The By-Jas Range of Fixed and Floating Surface Aerators are designed and made in our premises for supply to Australia and parts of Asia. The By-Jas Surface Aerator design is also made under license in North America and Europe.

