



### Customer Summary

The client process a large number of eggs daily and other products.

### Problem

Weekly water processing volume 200 KiloLitres. Using chemical coagulation at 80 GPM chemical treatment was becoming cost prohibited. spending over 700,000 \$ in chemical and generating a very large number of sludge. The foul odour in the plant from the chemical process was so bad neighbors complained.

### Solution

- H2Electrofloc reduced the treatment processing cost by 20%
- Reduce sludge production by 90%.
- Eliminated the foul odour in the plant.



### Main Highlights

- Low power Consumption
- Elimination of all chemicals, except Polymer.
- Long life Anode consumption (800 hours)
- Reduce the amount of sludge production by 80 or 90 % compared to chemical treatment.
- Small Foot Print.
- With Electrocoagulation Technology the cost per litre decreases as the flow rate increases. With Chemical treatment the cost per litre increase as the flow rate increases.





### Note

H2ElectroFloc Design consumes little power (5 amps and 2.5 Volts), provide long life on Anodes (800 hours) and is able to perform without much pH adjustment (on this industry). The only chemical used is a Polymer to gather the floc.

Small foot print

### Other Benefits

- Reduced unpleasant odour in the plant. No more foul smell.
- No chemical handling, reducing possibility for hazards. The consumable is a piece of metal.
- System runs without supervision 24/7. The system is monitored remotely.
- Comprehensive weekly reports keep management well informed.
- The process is not as pH dependant as when using chemical coagulation.

