

**Material Balance for Sodium citrate manufacture – Grays**

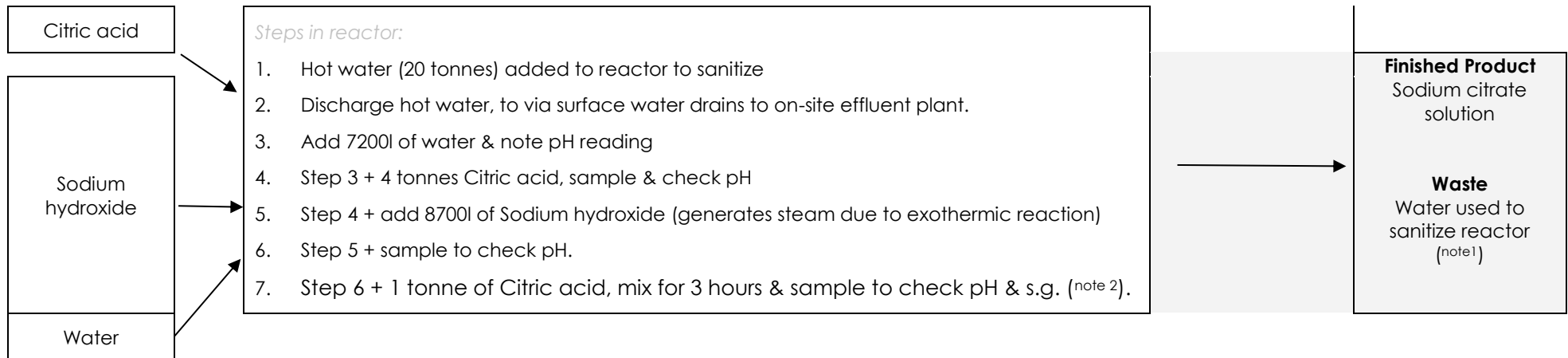
Uncontrolled copy unless opened from H:\Environmental System (may become out of date)

Poly-Aluminium chloride Production:

Steam released



Process Inputs:



Notes

1. Due to the potential presence of the bugs in the sanitisation water on sanitisation has taken place, it is not possible to use this water elsewhere due to the potential of cross contamination. These bugs are what is remaining in the water once the local water authority releases water into the mains water supply which have not been destroyed by either chlorination or the addition of ozone treatment to mains water.
2. The pH & s.g. checks determine if the final product needs to be diluted with water or have extra citric acid or sodium hydroxide added.

Changes to this issue: Document Review – No changes required					
Originator	Title	Date	Approvals	Title	Date
 Claire Harling	Environmental Manager	21 <sup>st</sup> June 2018	 Tony Peak	Plant Manager	21 <sup>st</sup> June 2018
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