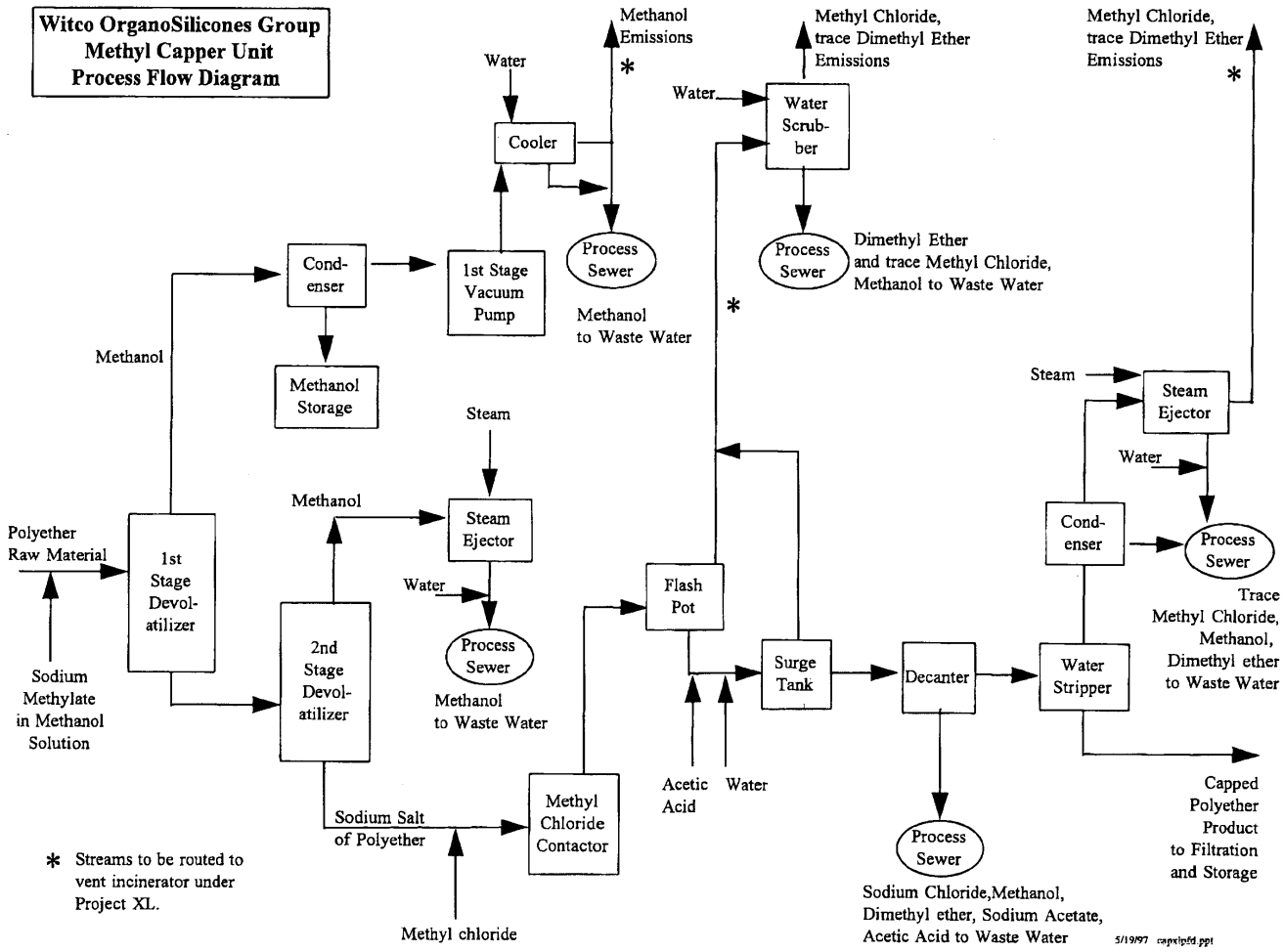
US EPA ARCHIVE DOCUMENT


Witco OrganoSilicones Group
Methyl Capper Unit
Process Flow Diagram
Methanol Emissions
*
Water
Cooler
Process Sewer
Methanol to Waste Water
Methyl Chloride, trace Dimethyl Ether Emissions
Water
Water Scrub-ber
Process Sewer
Dimethyl Ether and trace Methyl Chloride, Methanol to Waste Water
Methyl Chloride, trace Dimethyl Ether Emissions
*
Cond-enser
1st Stage Vacuum Pump
Methanol
Methanol Storage
Steam
Steam Ejector
Water
Process Sewer
Methanol to Waste Water
Steam
Steam Ejector
Water
Cond-enser
Process Sewer
Trace Methyl Chloride, Methanol, Dimethyl ether to Waste Water
Polyether Raw Material
1st Stage Devol-atilizer
Sodium Methylate in Methanol Solution
Methanol
2nd Stage Devol-atilizer
Flash Pot
Surge Tank
Decanter
Water Stripper
Acetic Acid
Water
Sodium Salt of Polyether
Methyl Chloride Contactor
Methyl chloride
Process Sewer
Sodium Chloride,Methanol, Dimethyl ether, Sodium Acetate, Acetic Acid to Waste Water
Capped Polyether Product to Filtration and Storage
* Streams to be routed to vent incinerator under Project XL.
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