

When the Excrement Hit the Rotating Equipment

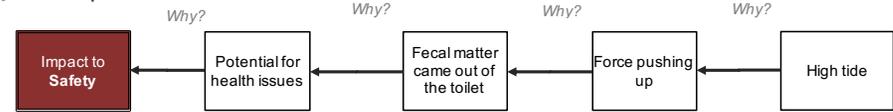
Have you ever wondered where the phrase “the you-know-what hit the fan” came from? I never really gave it much thought until I heard a story being told recently. I couldn't help but wonder if this was the origin of the phrase.

As soon as indoor toilets were introduced to Seattle and installed, an unintended consequence was also introduced. Twice a day, the direction of the flow of sewage was reversed and it came spewing out of the toilets into people's bathrooms. Most people associate the topic phrase, "when the you-know-what hit the fan," with something bad

Start Simple Start with one goal that was impacted and ask why that goal was impacted. Investigating a problem begins with the problem and then backs into the causes by asking Why questions.



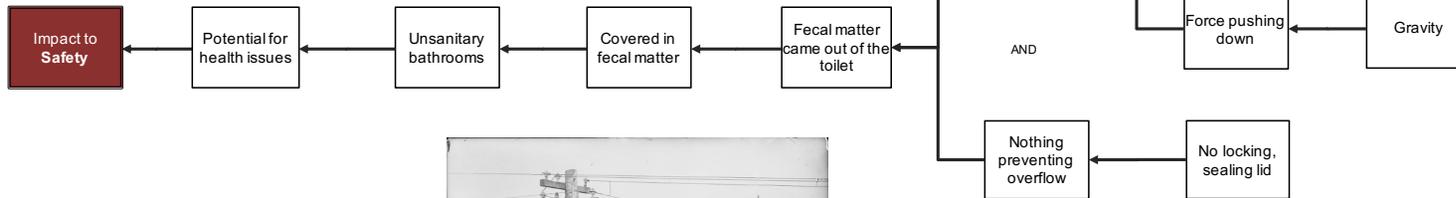
4-Why Cause Map



Expand as Needed Break the problem down into a visual Cause Map. Using a Cause Map provides a thorough and intuitive explanation. Cause Maps reveal all of the causes required to produce the problem.



13-Why Cause Map



Develop Solutions After you have revealed causes that led to the incident, then you can brainstorm possible solutions that will reduce the likelihood of a similar incident from happening again.



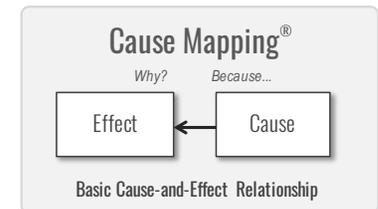
Ref.	Possible Solution	Cause Controlled
1	Redesign and build a closed waste water system	Waste water plant not developed yet



Infrastructure installed during Seattle's rebuild after



Image of horse drawn carriage that removed fecal matter from



ThinkReliability
Investigate Problems. Prevent Problems.

To learn more visit our website at www.thinkreliability.com
email: info@thinkreliability.com phone: 281-412-7766

Copyright 2019 ThinkReliability, Novem, Inc.