

Recreational Water Illnesses

Step 1. Outline Define the Problem

What	Problem(s)	Illnesses caused by dirty pool water
When	Date	Proactive
Where	Different, unusual, unique	Improper pool treatment
	State, city	Everywhere
	Unit, area, equipment	Swimming pools

Impact to the Goals	
Safety	Potential for illness
Environmental	Pool contaminated
Cust. Service	Pool contaminated
Production-Schedule	Potential need for deep cleaning
Property, Equip, Mtls	Potential need for deep cleaning
Labor, Time	Potential need for deep cleaning

Frequency	~1,000 people affected/year
Annualized Cost	?

Step 3. Solutions Take Action!

No.	Action Item	Cause
1	Avoid swallowing pool water	Swimmers ingest pool water
2	Shower before you enter the pool	Swimmers have fecal matter on their bodies
3	Report accidents immediately	Fecal accidents in the pool
4	Test pool water before you enter	Pool water contaminated with germs
5	Ensure pool maintenance procedures are well laid out and followed	Pool poorly maintained
6	Don't pee in the pool!	Swimmers peeing in the pool



Step 2. Cause Map Root Cause Analysis

