

# Dairy Practices Council

## Lab Pasteurization Counts & Chasing High Counts

Ben Johnson- Ecolab Agri Specialist



# Chasing LPC's Chemical Representatives Perspective

Chasing is the appropriate term



ToonClips.com

#5076

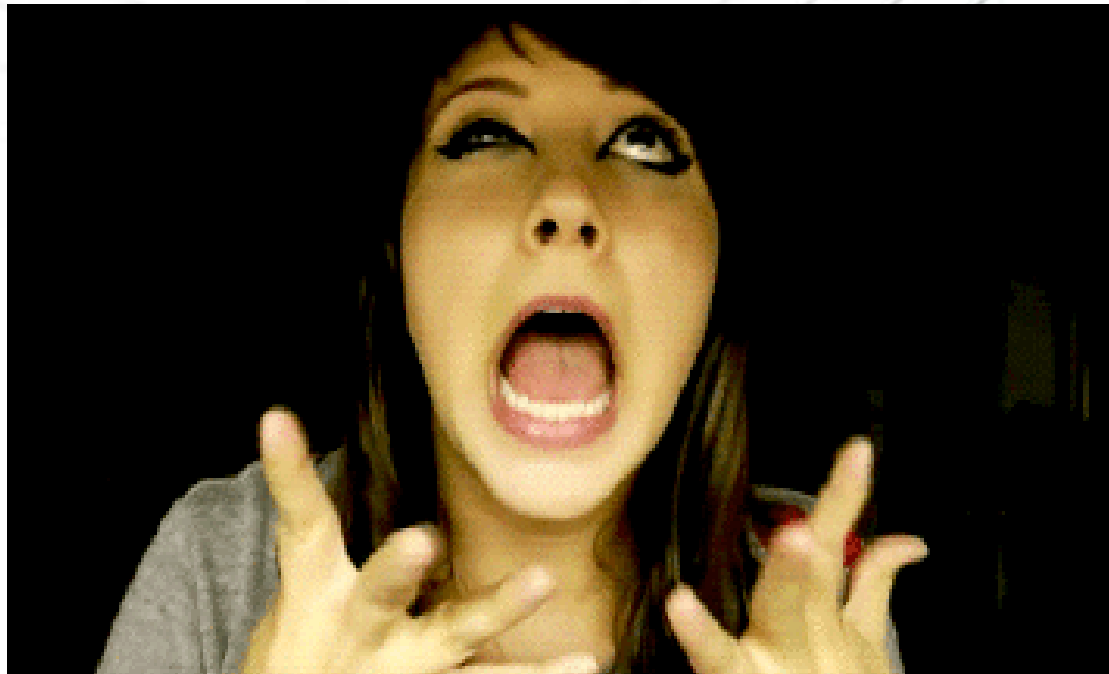
service@toonclips.com

# Pretty Good

# Not Anymore

Date/Time	SPC	Coli	PI	LPC
09/07/16 08:30	1,600	24	3,000	660
09/08/16 08:30	1,500	10	6,000	220
09/08/16 13:00	2,700	10	9,000	420
09/10/16 11:00	1,300	10	3,000	500
09/11/16 17:00	1,800	83	20,400	1,370
09/12/16 11:30	1,700	109	77,600	490
09/13/16 11:00	2,000	12	4,000	430
09/14/16 01:00	600	10	2,000	440
09/14/16 10:30	1,100	10	2,000	260
09/14/16 22:00	1,900	10	3,000	420

# Producer Reaction



**“Good Enough” isn’t anymore**

Fixing the problem is more than just  
finding the dirty equipment

# Take a systematic approach

® Observe milking and end of milking practices

® Observe system wash set-up

§ Is the system **really** ready to wash

§ Does anybody check to make sure

® CIP Performance- 4 X 4 Formula

## The 4 Steps

- Pre-Rinse
- Wash
- Post rinse
- Sanitize

## The 4 T's

- Time
- Temperature
- Turbulence
- Concentration

® Watch Function and Flow



It used to be easy



# Some of the Most Common Issues

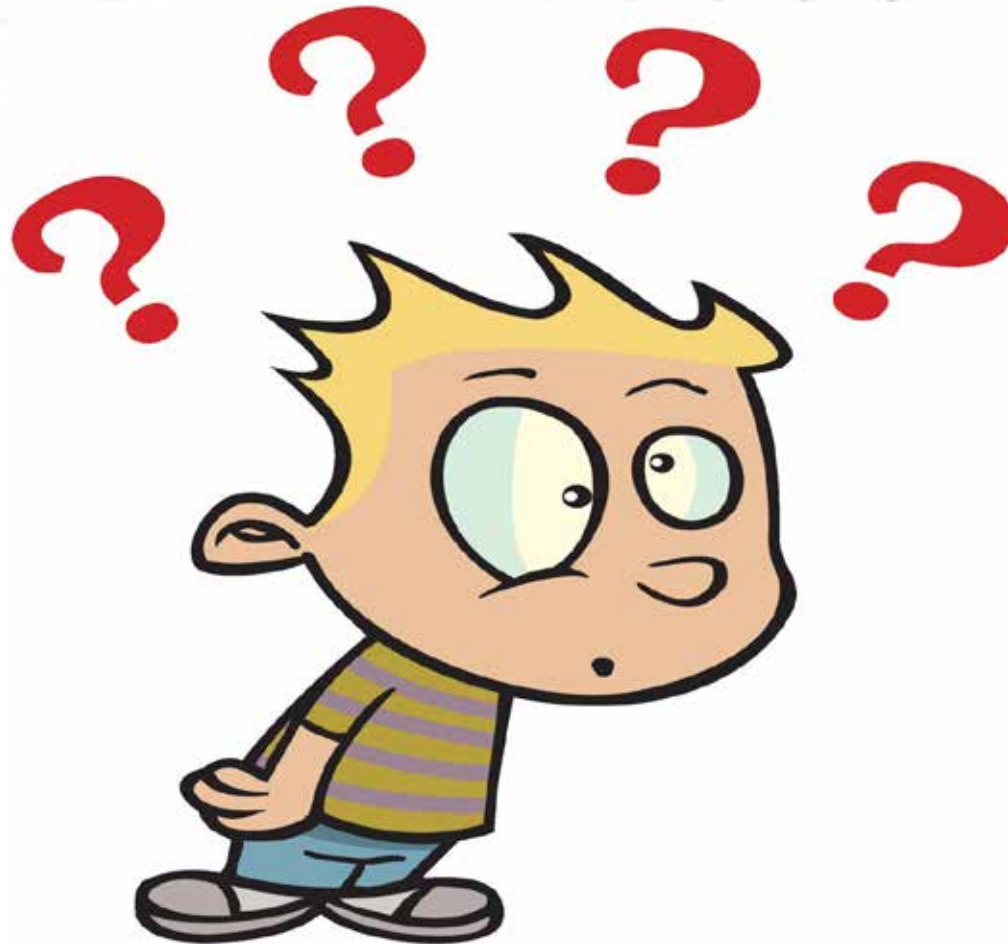
1. Improper Set-up
  - Pipe not connected, Switch not on, Units no in position
  - Lack of follow-up
2. Improper Chemistry for the Conditions
3. Mechanical Failure
  - Anything from the Air injector to the Wash Controller
  - Hot Water
4. System Design- CIP vs Milking
  - Expansions, add-ons, new equipment
5. Sampling
  - Direct Load
  - Training- Technique, handling and sanitation
6. Maintenance

# Implementing a Comprehensive Daily Checklist and Scheduled Maintenance Program

Meticulous and Persistent  
Maintenance and Management



Thank you



Questions and Answers