

Troubleshooting Bacteria On-Farm

Source of Bacterial Contamination	Evaluation and Control Points	Possible Solutions	Contacts for Support
<u>Outside the udder</u>	<input type="checkbox"/> Cow cleanliness scoring <input type="checkbox"/> Teat cleanliness scoring (pre-milking) <input type="checkbox"/> Teat-end scoring (post-milking) <input type="checkbox"/> Visual evaluation of the in-line milk filters <input type="checkbox"/> Water testing	<ul style="list-style-type: none"> ➤ Providing sufficient clean and dry bedding ➤ Focusing on cow cleanliness ➤ Applying adequate udder preparation and encouraging milking hygiene ➤ Providing high-quality silages and forages ➤ Providing good quality drinking water 	<ul style="list-style-type: none"> 📞 Herd veterinarian _____ 📞 Herd nutritionist _____ 📞 Milk quality advisor _____
<u>Inside the udder</u>	<input type="checkbox"/> SCC data <ul style="list-style-type: none"> ○ Payments tests (<i>bulk tank</i>) ○ DHI milk testing <input type="checkbox"/> Clinical mastitis incidence <input type="checkbox"/> Occurrence of other disease events	<ul style="list-style-type: none"> ➤ Investigating udder health ➤ Investigating general health, immune status, etc. 	<ul style="list-style-type: none"> 📞 Herd veterinarian _____ 📞 Lactanet Dairy Production Advisor (DPA) _____
<u>After the udder</u>	<input type="checkbox"/> TTR alarms <input type="checkbox"/> Assessment of equipment condition <input type="checkbox"/> Wash and slug analysis <input type="checkbox"/> Chemical volumes and concentrations <input type="checkbox"/> Dipper cleanliness <input type="checkbox"/> Water testing	<ul style="list-style-type: none"> ➤ Ensure efficient cooling following each milking ➤ Ensure proper milk storage temperature ➤ Ensure sufficient hot water capacity ➤ Manually wash the sample dipper after every use, store in a clean area, and sanitize before use ➤ Perform a wash analysis, that includes a wash slug analysis, via dealership ➤ Perform required equipment maintenance or replacement ➤ Have a satisfactory water analysis, treat as needed 	<ul style="list-style-type: none"> 📞 Equipment dealer _____ 📞 Bulk tank cooling technician _____ 📞 Milk quality advisor _____
Notes:			