

Recording Samples

How to Record Samples from Surveillance Sampling

Supplies needed:

- Information on the sampling location like sampling date, sample number, sample identification or location, sample zone, and sample type
- Excel workbook or piece of paper
 - o An already formatted Excel workbook can be found in the SOP section, titled "Surveillance Sampling Excel Workbook"

1. In an Excel workbook or on a piece of paper, create a table with individual columns for the sampling date, sample number, sample location, sampling zone that corresponds with the sample location, sample type, and pathogen of interest.

2. Fill out the table with the appropriate information for each collected sample (an example of how to do this is listed below).

- For environmental samples, sampling zone refers to the type of surface that was sampled. This can either be a feed contact surface, non-feed contact surface, or a transient surface.

Sample Log for Feed Mill X

Sampling Date (YYYY-MM-DD)	Sample Number	Sample Location	Sampling Zone	Sample Type	Pathogen of Interest
2017-01-06	100	Floor of Warehouse	Non-feed contact	Cotton Environmental	Virus
2017-01-06	101	Receiving Pit Grate Dust	Feed contact	Roller Environmental	Virus
2017-01-07	102	Complete Feed - Batch 2, Production Site Y	-	Feed	Virus
2017-01-07	103	Floor Dust in Feed Mill Office	Non-feed contact	Sponge Environmental	Bacteria

How to Record Samples from Suspected Contamination Sampling

Supplies needed:

- Information on the sampling location like sample identification, sample date, and test that samples were submitted for.
- Excel workbook or piece of paper
 - o An already formatted Excel workbook can be found in the SOP section titled "Suspected Contamination Sampling Excel Workbook"

1. In an Excel workbook or on a piece of paper, create a table that has the total number of environmental and feed samples at the top then individual columns for sample identification or location, date collected, and what test the sample was analyzed for. Also add in two columns for each sample type for sample results after submission.
2. At the bottom of the table, create a row where the positive and negative samples can be totaled and a location to interpret sample results in relation to thresholds.
3. Fill out the table with the appropriate information for each collected sample (an example of how to make and fill out this table is listed below).
4. As results are returned from the laboratory, continue to update the table. Add up the number of the positive and negative samples and if totals are below threshold limits, then return to surveillance sampling. If totals are at or above the threshold, continue to conduct suspected contamination sample.

Sample Log for Suspected Contamination Sampling Event for the week of 3/13/2022

Environmental samples (total = 75)					Feed Samples (total = 25)				
Sample ID	Date collected (YYYY-MM-DD)	Test submitted for	Positive sample	Negative sample	Sample ID	Date collected (YYYY-MM-DD)	Test submitted for	Positive sample	Negative sample
1301 - Forklift tires	2022/3/14	PEDV		X	130 - Complete feed for Site A	2022/3/14	PEDV		X
1302 - Office floor	2022/3/14	PEDV	X		131 - Ingredient A	2022/3/14	PEDV		X
...					...				
1375 - Exterior of feed delivery truck A	2022/3/14	PEDV		X	155 - Feed sample from delivery truck A	2022/3/14	PEDV	X	
Totals:			1	74	Totals:			1	24

Return to surveillance: Y N