

AIR POLLUTION CONTROL DISTRICT



POLICY: RANDOM SAMPLING PROCEDURES FOR LIVESTOCK FEED YARDS
ALSO KNOWN AS BEEF FEEDLOTS

EFFECTIVE: May 4, 2006; December 19, 2012 POLICY NUMBER: 33
Revised June 7, 2022

REFERENCE: Rule 420, Livestock Feed Yards

Because of recent revisions to Imperial County Air Pollution Control District (ICAPCD) Rule 420, Livestock Feed Yards, a policy addressing random sampling was created. After extensive collaboration between the Technical Advisory Committee (TAC), formed on behalf of the cattle and dairy industries, and ICAPCD, the following procedure was agreed upon in the interest of fairness and most importantly in providing a true average of a pen's moisture level.

Random Pen Sampling Procedures:

1. A representative of the Feed Yard shall accompany the County inspector at all times during the sampling.
2. All samples are to be taken according to the following conditions:
 - a. Pens or corrals to be sampled shall be occupied pens/corrals.
 - b. No fewer than 10% of the total number of occupied corrals shall be tested.
 - c. A minimum of 6 and a maximum of 10 samples shall be taken per occupied pen/corral.
 - d. Corners from occupied pens/corrals shall not be sampled.
 - e. Samples shall be taken by walking the occupied pen/corral diagonally from the feed bunk to the back of the pen.
 - f. All samples shall be recorded.
 - g. All recorded samples are to be averaged.
3. When the probe is unable to penetrate the top soil to be required 3 inches depth the following shall be done:
 - a. Absolutely NO scraping of surface soil will be done to take a moisture reading.
 - b. A drill shall be utilized with a 3/16th drill bit to create an opening of a depth of 3 inches.
 - c. Once the opening is made the probe will be inserted and a reading shall be taken.

Approved

Matt Dessert
Air Pollution Control Officer