



# December 6, 2024, Board Report

## Division of Measurement Standards

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### Division Overview

#### Pending matters of significance

- Livestock scale testing
  - Completed statewide
  - Updated communication methods and additional outreach with ranches has been very successful
- Licensed device invoicing
  - Similar to communication efforts made to ranches, similar outreach was made to companies statewide with licensed devices
  - Advance notice of July 1<sup>st</sup> billing, and requests to verify/update address and contact information were sent
  - The number of invoices with incorrect addresses were greatly reduced; Late payments also reduced significantly
- 83<sup>rd</sup> Legislative Session (2025)
  - Legislative Council Bureau (LCB) drafters have finalized Bill Draft Request (BDR) 51-271
  - Will update Nevada Revised Statute (NRS) Chapter 590 to account for changes and modernization of fuel station signage and labeling
- California ABX2-1
  - Allows the state to require refiners to maintain a minimum inventory of fuel to avoid supply shortages that create higher prices
  - Unclear what effect this will have on Nevada fuel supply, but there are concerns that it could cause supply issues in Nevada

### Program Updates

#### Metrology

National Conference on Weights and Measures (NCWM)

- Attended the 109<sup>th</sup> NCWM Annual Meeting in Cleveland, OH, July 14-18, 2024
- Recently created Metrology Subcommittee met to discuss issues common to programs across the country
  - Issues include training, succession planning, certification after staff changes, and funding
- National Institute of Standards and Technology (NIST) Handbook 130 will be amended with respect to Registered Service Agents (RSA)
  - Additional guidance as to certifying and testing RSAs to ensure procedures are correctly followed

Annual Registration of Public Weighmasters and Registered Service Agencies/Agents

- Paperwork was sent to currently registered Public Weighmasters and RSAs, so that annual fees can be paid, and lists of acknowledged agents can be updated with additions and/or removals
- One of several funding sources for the division

### Annual Submission to NIST

- Re-approval of the program's NIST Certificate of Traceability, which serves to recognize the program's capabilities and scope of work
  - Continued compliance with NIST standards suggests that re-approval will be granted without issue
  - As part of the submission, Administrator Striejewske met with program staff in October to review the past year (highlights, future plans, challenges)

### Program metric for Fiscal Year (FY) 2024:

- Fiscal Year (FY) 2024 total items calibrated: 1,450

### FY 2025 Program metric as of November 7, 2024:

- FY 2025 total items calibrated: 774

## Petroleum Technology

### ASTM D02 Committee (Petroleum Products, Liquid Fuels, and Lubricants)

- Attended the June bi-annual meeting in Austin, TX, June 16-20, 2024
- Discussions and presentations on topics relevant to the fuel specifications and standard test methods adopted by Nevada Department of Agriculture (NDA)

### National Conference on Weights and Measures

- Attended the 109<sup>th</sup> NCWM Annual Meeting in Cleveland, OH, July 14-18, 2024
- Attended and participated in the Fuels and Lubricants Subcommittee (FALS) subcommittee meeting
- NIST Handbook 130 will be amended with updated language concerning the labeling of diesel, biodiesel, and renewable diesel dispensers
- NIST Handbook 130 will be amended with respect to Liquid Petroleum Gas (LPG) specifications

### Western Weights and Measures Association (WWMA)

- Attended the WWMA Annual Meeting in Las Cruces, New Mexico, September 8-12, 2024
- There were several items that were submitted that are either directly or indirectly of interest to the program
- These included an item on premium diesel fuel, and two items dealing with Compressed Natural Gas (CNG) and Liquid Natural Gas (LNG) fuel quality specifications and labeling

### Program metrics for FY 2024:

- FY 2024 total fuel samples tested: 3,114
  - 2,366 gasoline samples, including 1 E15 sample
  - 730 diesel samples
  - 15 flex fuel samples
  - 2 kerosine samples
  - 1 jet fuel sample
- FY 2024 fuel sample failures: 150 (4.82%)

- 70 gasoline samples, most for vapor pressure above maximum allowed
- 80 diesel samples, most for flashpoint below minimum allowed temperature
- FY 2024 fuel quality consumer complaints: 18
  - 3 found valid
- FY 2024 fuel price accuracy consumer complaints: 20
  - 6 found valid

FY 2025 Program metric as of November 6, 2024:

- FY 2025 total fuel samples tested: 774
  - 592 gasoline samples
  - 176 diesel samples
  - 4 ethanol flex fuel samples
  - 1 kerosine sample
  - 1 biodiesel sample
- FY 2025 fuel sample failures: 29 (3.75%)
  - 14 gasoline samples, including
    - 9 for octane screen below posted value
    - 4 for distillation outside specification
    - 1 for vapor pressure above maximum allowed
  - 15 gasoline samples, including
    - 14 for flashpoint temperature below minimum specification
    - 1 for visual failure
- FY 2025 fuel quality consumer complaints: 12
  - 1 found valid
- FY 2025 fuel price accuracy consumer complaints: 6
  - 1 found valid

## Weights and Measures

National Conference on Weights and Measures

- Attended the 109<sup>th</sup> NCWM Annual Meeting in Cleveland, Ohio, July 14-18, 2024.
- There were several items that were affirmatively voted for adoption into the NIST Handbooks followed by NDA Weights and Measures Inspectors
- These included an item on moisture gain or loss in cannabis products; aligning seed counting procedure with another established procedure; several items dealing with scales and methods of weighing; several items concerned with Electric Vehicle Charging; and updates of Liquid Propane Gas (LPG) procedures and language

Western Weights and Measures Association (WWMA)

- Attended the WWMA Annual Meeting in Las Cruces, New Mexico, September 8-12, 2024
- There were many items that were submitted and discussed that are of interest to the program
- These included items on package labeling, tare weights, moisture allowances, automatic weighing systems, weigh-in-motion systems, and multi dimension measuring devices

### Equipment purchases

- Most of the specialty trucks that have been ordered have now been delivered and are being prepared for service. These will go to all three offices
- Others are near to delivery; the final two were scheduled for assembly in mid-November
- A large capacity weight truck to be stationed at the Las Vegas office is being constructed; delivery expected in 1<sup>st</sup> Quarter of 2025

### Personnel

- The vacant Weights and Measures Inspector III position in Las Vegas was filled with an internal hire
- The incumbent has signed an offer letter to fill the vacant Weights and Measures Inspector II position in Elko, with a start date of November 25
- Interviews to fill the vacant Weights and Measures Inspector II position in Las Vegas were scheduled for November 6 and 7. It is hoped that the incumbent would start on December 9

### Program metrics for FY 2024:

- FY 2024 devices inspected: 43,847, including:
  - 1,672 Class A devices
  - 10,181 Class B devices
  - 134 Class C devices
  - 706 Class D devices
  - 42 Class E devices
  - 17 Class G devices
  - 135 Class H devices
  - 417 Class I devices
  - 340 Class J devices
  - 389 Class K linear devices
  - 28,282 Class L1 devices (fuel dispensers, low flow)
  - 398 Class L2 devices (fuel dispensers, high flow)
  - 349 Class M meters
  - 446 Class N meters
  - 238 Class O meters (uncompensated LPG meters)
  - 101 Class P meters (compensated LPG meters)
- FY 2024 package and price verification inspection hours: 183.00
- FY24 repair orders issued: 1,040, including:
  - 15 for Class A devices
  - 92 for Class B devices
  - 2 for Class C devices
  - 14 for Class D devices
  - 1 for Class E device
  - 11 for Class I devices
  - 14 for Class J devices
  - 8 for Class K linear devices
  - 806 for Class L1 devices (fuel dispensers, low flow)

- 11 for Class L2 devices (fuel dispensers, high flow)
- 18 for Class M meters
- 1 for Class N meter
- 15 for Class O meters (uncompensated LPG meters)
- 1 for Class P meter (compensated LPG meters)
- FY24 stop-use orders issued: 447, including:
  - 19 for Class A devices
  - 111 for Class B devices
  - 37 for Class D devices
  - 29 for Class I devices
  - 6 for Class J devices
  - 4 for Class K linear devices
  - 213 for Class L1 devices (fuel dispensers, low flow)
  - 13 for Class L2 devices (fuel dispensers, high flow)
  - 3 for Class M meters
  - 8 for Class O meters (uncompensated LPG meters)
  - 4 for Class P meters (compensated LPG meters)
- FY 2024 weights and measures consumer complaints: 68
  - 16 found valid

FY 2025 Program metrics as of November 7, 2024:

- FY 2025 devices inspected: 12,076, including:
  - 677 Class A devices
  - 4,052 Class B devices
  - 55 Class C devices
  - 128 Class D devices
  - 22 Class E devices
  - 5 Class G devices
  - 23 Class H devices
  - 272 Class I devices
  - 121 Class J devices
  - 55 Class K linear devices
  - 6,030 Class L1 devices (fuel dispensers, low flow)
  - 266 Class L2 devices (fuel dispensers, high flow)
  - 101 Class M meters
  - 118 Class N meters
  - 96 Class O meters (uncompensated LPG meters)
  - 55 Class P meters (compensated LPG meters)
- FY 2025 package and price verification inspection hours: 55.50
- FY 2025 repair orders issued: 226, including:
  - 1 for Class A devices
  - 36 for Class B devices
  - 1 for Class D devices
  - 3 for Class I devices
  - 4 for Class J devices
  - 148 for Class L1 devices (fuel dispensers, low flow)

- 28 for Class L2 devices (fuel dispensers, high flow)
  - 1 for Class M meters
  - 4 for Class O meters (uncompensated LPG meters)
- FY 2025 stop-use orders issued: 120, including:
  - 3 for Class A devices
  - 24 for Class B devices
  - 17 for Class I devices
  - 68 for Class L1 devices (fuel dispensers, low flow)
  - 6 for Class L2 devices (fuel dispensers, high flow)
  - 2 for Class O meters (uncompensated LPG meters)
- FY 2025 weights and measures consumer complaints: 44
  - 11 found valid