



# September 4, 2024, Board Report

## Division of Measurement Standards

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### Division Overview

#### Pending matters of significance

- Livestock scale testing
  - Ongoing out of both Sparks and Elko offices.
  - Scales reached from Las Vegas office to be done later.
  - Updated communication and outreach with ranches has been successful.
- 83<sup>rd</sup> Legislative Session (2025)
  - Bill Draft Request (BDR) to update Nevada Revised Statute (NRS) Chapter 590 to account for changes and modernization of fuel station signage and labeling is still being reviewed.

### Program Updates

#### Metrology

##### National Conference on Weights and Measures (NCWM)

- Attended the 109<sup>th</sup> National Conference on Weights and Measures (NCWM) Annual Meeting in Cleveland, Ohio, July 14-18, 2024
- The 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.

##### Program metric as of June 30, 2024:

- Fiscal Year (FY) 2024 total items calibrated: 1450 (351 since May 6, 2024).

##### Program metric as of August 2, 2024:

- FY 2025 total items calibrated: 129

#### Petroleum Technology

##### American Society for Testing and Materials (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, Ohio, July 14-18, 2024.
- Attended and participated in the Fuels and Lubricants Subcommittee (FALS) 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.

#### Program metrics as of June 30, 2024:

- FY 2024 total fuel samples tested: 3114 (498 since May 9, 2024)
  - 2366 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 (11 since May 9, 2024)
  - 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 (1 since May 9, 2024)
  - 3 found valid.
- FY 2024 fuel price accuracy consumer complaints: 20 (2 since May 9, 2024)
  - 6 found valid.

#### Program metrics as of July 31, 2024:

- FY 2025 total fuel samples tested: 156
  - 122 gasoline samples;
  - 32 diesel samples;
  - 1 kerosine sample;
  - 1 biodiesel sample.
- FY 2025 fuel sample failures: 4
  - 4 gasoline samples, 3 for low octane screen, 1 for vapor pressure above maximum allowed.
- FY 2025 fuel quality consumer complaints: 4
  - 1 found valid.
- FY 2025 fuel price accuracy consumer complaints: 1
  - 0 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 a number of 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.

### Equipment purchases

- Several 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; two were not yet scheduled for assembly.
- A bid has been awarded for a large capacity weight truck. This will be stationed at the Las Vegas office. Additional small details are still being worked through.

## Personnel

- Interviews for Weights and Measures Inspector III (Las Vegas) were scheduled for the week of August 12.
- Interviews for Weights and Measures Inspector II (Elko) and a Seasonal (Elko) were scheduled for the week of August 5.

## Program metrics as of June 30, 2024:

- FY 2024 devices inspected: 43,847 (6,202 since May 10, 2024), 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 (17.00 since May 10, 2024).
- FY24 repair orders issued: 1,040 (110 since May 10, 2024) 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 (32 since May 10, 2024) 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 (12 since May 10, 2024)
  - 16 found valid.

Program metrics as of August 1, 2024:

- FY 2025 weights and measures consumer complaints: 12
  - 0 found valid.