



# Oregon Wrestling Weight Monitoring Program

## HYDROSTATIC WEIGHING PROPOSAL

(Step 1) – Complete and Return to the OSAA

A wrestler may choose to be hydrostatically weighed to determine body fat percentage. Results obtained at this step are automatically accepted; the athlete, family, school or coach may not appeal further.

Student to be weighed \_\_\_\_\_ Grade \_\_\_\_\_

School \_\_\_\_\_

Proposed Hydrostatic Weighing Facility \_\_\_\_\_

We understand that the results of the hydrostatic weighing will replace all previous bioelectrical impedance assessments, cannot be appealed, cannot be modified by the Physicians Clearance form, or any other action, and will remain the reference for this student during this school year.

Parents Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Coaches Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

AD Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Submit this completed form to the OSAA, 25200 SE Parkway Ave, Suite 1, Wilsonville, Oregon 97060, ( Fax 503-682-0960) prior to the hydrostatic weighing. Weighing can take place once this form has been signed by the OSAA and returned to the school. The hydrostatic weighing form shall be completed by the technician who will forward it to the OSAA.

**OSAA Approval is required before Hydrostatic Weighing may be conducted**

Approval is granted to conduct the hydrostatic weighing as proposed provide the wrestler has not wrestled a varsity match

Approval is denied - Facility Unacceptable Technician Unacceptable

OSAA Signature \_\_\_\_\_ Date \_\_\_\_/\_\_\_\_/\_\_\_\_

**Wrestler shall not compete until OSAA approval of Hydrostatic results is received by the school.**

# Hydrostatic Weighing Report Form

(Step 2) – Complete Step 1 prior to using this form

- Please review site specific instructions prior to arriving at the site.
- Subject shall be hydrated (specific gravity less than 1.025) at time of test.
- Subject shall fast six (6) hours prior to test.
- Wrestler shall not compete until OSAA approval of Hydrostatic results is received.

**Please type or print in ink** – Hydrostatic Weighing is invalid without an approved Hydrostatic Weighing Proposal.

Name \_\_\_\_\_ Grade \_\_\_\_\_ Test Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

School \_\_\_\_\_ School ID# \_\_\_\_\_

Weight at initial assessment \_\_\_\_\_

*Note: Weight loss restriction after initial assessment:*

- Days 1 to 7 - no weight loss allowed
- Days 8 to 14 - 1.5% of weight at initial assessment

Appeal Weight:  lbs ÷ 2.2 =  kg x 1000 =  grams

**Estimated Vital Capacity:**

a) \_\_\_\_\_ ml b) \_\_\_\_\_ ml c) \_\_\_\_\_ ml → Peak  ml

Temperature (Centigrade) H<sub>2</sub>O \_\_\_\_\_ Density H<sub>2</sub>O \_\_\_\_\_

Residual Volume: Male (VC x .24) =  ml Female (VC x .28) =  ml

**Water Weight:** Repeat the measurement process to achieve

1. Progressively heavier weight
2. Progressively less scale deviation
3. Increasing subject comfort
4. < 50 grams scale deviation

Measure 10  
record heavier 6

1  2  3  4  5  6

Peak value of 1- 6 above  MINUS Apparatus Value  = Water Weight

Bd =  $\frac{Wa}{(Wa - Ww / DW) - (RV \div 100)}$  =  Body Density → %BF =  $(457 / Bd) - 414.2$  =  % Body Fat

Evaluator \_\_\_\_\_ Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Notes:** VC = Vital Capacity    DW = Density of Water    Wa = Weight in grams  
 RV = Residual Volume    Bd = Body Density    ml = Millimeter  
 Ww = Weight under Water    Kg = Kilograms

**Fax completed form to: OSAA, Atten: Brad Garrett, Assistant Executive Director, (503) 682-0960**