

# WYOMING

## Section 1: School Demographics

**School Name**

Buffalo High School

**Principal's name**

Mr. Chad Bourgois

**School Address**

29891 Old Highway 87  
Buffalo, Wyoming 82834  
United States

[Map It](#)

**Number of students (total enrollment)**

299

**Lowest grade**

9

**Highest grade**

12

**This school is:**

- A public school

Please explain:

**Number of students by grade level**

Elementary or lower	Middle grades	High or upper school
0	0	299

**Number (or percent) of students eligible for free or reduced lunch**

Free lunch	Reduced lunch	Neither free nor reduced lunch
8%	19%	73%

## **Section 2: Background about school lunch**

**How many students buy lunch in the school's cafeteria?**

10 to 30 percent

**How many minutes do students have to eat lunch?**

**Are students allowed to eat lunch in rooms/buildings other than the cafeteria?**

Yes

**Are students allowed to leave campus for lunch?**

Yes

**Which students are allowed to leave campus for lunch?**

Freshmen have closed campus first semester, but not second. All other grades have open campus throughout year.

**Are there any times during the school year when breakfast or lunch is free to all students?**

Yes

Please explain:

The school serves breakfast every day which was not apart of this audit conducted. The school provides free meals on the ACT testing day.

**Who controls the portions and servings students receive?**

Cafeteria staff portion items into servings (i.e fruit into cups) but students select items and number of servings themselves)

Please explain:

**Does the school serve set meals (e.g. chicken nuggets with potatoes and carrots) or can students choose what they want from the menu?**

The students can pick which sides they would like, if any

Please explain:

**Are fruits/vegetables required with every meal?**

Yes, fruits/vegetables are included in the price

**In your teams' opinion, are students content with the meal options at school?**

Neutral

Please explain:

Throughout the process we asked random people if they were content or not and it was 50-50

**What type of utensils do students use to eat?**

Reusable utensils, such as metal

Please explain:

**What type of plates/trays are used to serve the food?**

Reusable plates or trays, such as plastic

Please explain:

### **Section 3: Food waste activities at the school**

**Does the school use any of the following waste reduction activities?**

- Menus revised to reduce commonly wasted food items
- Procedures put in place to reduce food over-purchasing
- Food is served in the most efficient way possible to reduce food waste
- Share table created for unopened food items
- Other

Please explain:

Our school along with the normal lunches offers pre-made salads and sandwiches which sell out 95% of the time. They also serve Domino's Pizza one Wednesday a month.

**Has the school performed a food waste audit previously?**

No, a waste audit has not been considered

Please explain:

**Which of the following generates the majority of food waste at your school?**

Student food waste

Please explain:

**On average, do you think food waste is an issue at your school?**

Yes, somewhat important

### **Section 4: School Waste Data Form**

**School name**

Buffalo High School

**Date of audit**

04/07/2017

**Students in attendance on day of audit**

267

**Numbers of lunches served on day of audit**

99

**Menu served on day of audit**

Sweet and Sour chicken with rice, peas, pineapple, sugar cookie, salad bar, and milk

**Waste type: Unopened food**

<b>A: Type of food</b>	<b>B: Number of items</b>	<b>C: Weight of empty bin</b>	<b>D: Total weight</b>	<b>E: Net weight (Total - Empty)</b>
Fruit Sides	1	3.00	10.60	7.60
Vegetable Side	2	3.00	24.00	21.00
Milk	2	3.00	38.00	35.00
Sandwich/Main Dish	1	3.00	21.80	18.80

**Total net weight of unopened food**

82.4

**Notes regarding unopened food**

Some of the vegetable and fruit sides that are unused get put on to the salad bar or go to other schools for use.

**Waste type: Food waste**

<b>A: Bin/Bag Number</b>	<b>B: Weight of empty bin</b>	<b>C: Total weight</b>	<b>D: Net weight (Total - Empty)</b>	<b>E: Picture taken of the bin? (Y/N)</b>	<b>F: Percent full</b>
1	6.00	36.50	30.50	yes	30%
2	6.00	39.40	33.40	no	30%

**Total net weight of food waste**

63.9

**Waste type: Liquid waste**

<b>A: Bin/Bag Number</b>	<b>B: Weight of empty bin</b>	<b>C: Total weight</b>	<b>D: Net weight (Total - Empty)</b>	<b>E: Picture taken of the bin? (Y/N)</b>	<b>F: Percent full</b>
3	6.00	22.80	16.8	yes	15%
4	6.00	21.10	15.1	no	15%

**Total net weight of liquid waste**

31.9

**Waste type: Recycling**

<b>A: Bin/Bag Number</b>	<b>B: Weight of empty bin</b>	<b>C: Total weight</b>	<b>D: Net weight (Total - Empty)</b>	<b>E: Picture taken of the bin? (Y/N)</b>	<b>F: Percent full</b>
5	6.00	9.1	3.1	yes	5%
6	6.00	7.2	1.2	no	5%

**Total net weight of recycling**

4.3

**Waste type: Other (Landfill)**

<b>A: Bin/Bag Number</b>	<b>B: Weight of empty bin</b>	<b>C: Total weight</b>	<b>D: Net weight (Total - Empty)</b>	<b>E: Picture taken of the bin? (Y/N)</b>	<b>F: Percent full</b>
7	6.00	21.50	15.50	yes	35%
8	6.00	22.30	16.30	no	35%

**Total net weight of other wastes (landfill)**

31.8

**Notes regarding food, recycling, and other (landfill) wastes**

**Describe the process you used to establish clear guidelines for students to follow to sort their food waste.**

We had two places to dispose of their wastes, signs were made and put on each bin. We had students help direct where to put each of the items and staff in the kitchen helped us to remind the kids where to dump the wastes.

**Upload photos**

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**Would your team be interested in being part of the food waste panel at Nationals?**

No

## **Section 5: Critical Thinking**

**Based on your observations during the food waste audit, make three recommendations to your School Board to reduce food waste.**

1. Provide food that the students want so that they eat more of the food they are given and so more students stay at school to eat.
2. Provide smaller portions of food so less goes to waste.
3. Provide food that is preservable so that they can serve leftovers on another day or different school within our district.

**Justify a school's role in teaching children about food waste and the impact food waste has on school budgets, the environment, and hunger in the community.**

We after completing this audit and looking into facts about food waste we feel as if schools should take the time to inform and educate students fro the reasons that we waste lots of money with the food we waste and that people in our community and around the globe are staving.l

**The US Environmental Protection Agency has set a goal to reduce food waste by 50% by the year 2030. Based upon your experience conducting this food waste audit, will the US meet this goal? Explain why or why not.**

We feel unless drastic measures are taken to inform the public about the issue in front of us then we will not meet that goal. On average the standard family wastes 40% of the food they buy and to cut that down to 20% will take lots of work and we don't see steps being taken by our government to meet those goals.

**Detail two or three findings or observations that surprised you. Describe how conducting this food waste audit has impacted you and your team, and the way you think about food in America.**

Some supersizing facts and information we found through this audit is that 27% of our school is offered free or reduced lunches, along with that we found that on average only 25-30% of my school eats so provided lunches. Its opened our eyes to the food waste and gave us ideas on how we could cut back on the waste to provided to hungry people around the country and globe.

**What is one obstacle your team faced during the audit and how did you work to resolve it? If the issue went unresolved, what steps would you take to reevaluate your approach?**

One major obstacle we faced was getting the students to participate in putting there waste in our buckets because we are no trained in recycling and many of the students were in a rush to get their tray dumped.

## **Bonus Question**

**Should all schools be required to do food waste audits on a regular basis? Why or why not?**

**Support your answer.**

Our team has decided that they should because it may help with food waste at a very low cost and save our school money at the same time.