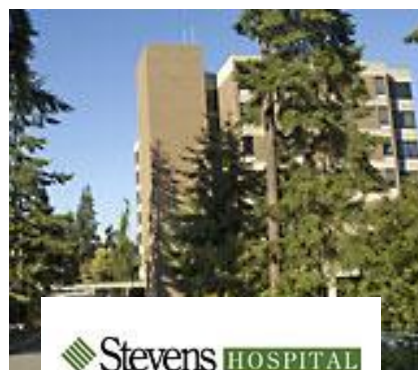


US EPA ARCHIVE DOCUMENT



Eric Eisenberg  
Executive Chef/ Retail Operations Manager  
Swedish Health Services  
Seattle Washington

# Our Facilities



 Stevens HOSPITAL

 SWEDISH





# Our Operations



# Why do we care about waste?

- We don't want to waste money
- We don't want to waste product / throws off our forecast
- If we save some money on food & supplies we can use it elsewhere in our operations
- We want to be good stewards of the environment
- We want to save on carting fees
- We want to track employee performance/ Why does Mitch always get X amount of portions from 10 lbs of beef while Gus gets Y amount of portions.
- We want to show our bosses ( Administrators, owners , members, customers that we care ...about any of the above.

# Identifying Waste Streams





# You can't manage what you can't see



# Tracking is the key

- Clipboard on the walk in door
- Simple form made in Excel and filled in manually
- An electronic version of the same spreadsheet
- A sophisticated automated system

| Timestamp                  | Net Weight | Food Value | Food        | Loss           | Container            | Station   | Disposition | Drop/Put   |
|----------------------------|------------|------------|-------------|----------------|----------------------|-----------|-------------|------------|
| 05/25/10 12:05:54 PM       | 29.27      | \$40.52    | Vegetable   | Tea Waste      | Plastic/Levon-Medban | Kitchen   | Compost     | Breakfast  |
| 05/24/10 08:21:14 AM       | 26.95      | \$38.12    | Vegetable   | Salad Expend   | Plastic/Levon-Medban | Kitchen   | Compost     | Late Night |
| 05/24/10 12:30:44 PM       | 22.75      | \$22.74    | Food/Fat    | Tea Waste      | Plastic/Levon-Large  | Kitchen   | Teach       | Lunch      |
| 05/25/10 12:03:17 PM       | 30.38      | \$42.50    | Food/Fat    | Tea Waste      | Plastic/Levon-Large  | Kitchen   | Compost     | Lunch      |
| 05/25/10 12:22:32 PM       | 40.43      | \$28.17    | Food/Fat    | Tea Waste      | Plastic/Levon-Large  | Kitchen   | Compost     | Lunch      |
| 05/25/10 14:38:21 PM       | 21.22      | \$25.09    | Casseroles  | Q-reproduction | Fab/Hotel Pan (8")   | Dr Dining | Compost     | Lunch      |
| 05/25/10 05:23:51 AM       | 7.07       | \$24.50    | S-e-G Salad | Donated        | Half Hotel Pan (8")  | Market    | Donation    | Dinner     |
| 05/27/10 12:50:59 PM       | 17.47      | \$24.00    | Food/Fat    | Tea Waste      | Plastic/Levon-Large  | Kitchen   | Compost     | Lunch      |
| 05/28/10 12:14:22 PM       | 15.43      | \$21.59    | Food/Fat    | Tea Waste      | Plastic/Levon-Large  | Kitchen   | Compost     | Lunch      |
| 05/28/10 13:35:54 PM       | 8.72       | \$21.79    | Chili/Soup  | Q-reproduction | Soup Container-Small | Market    | Compost     | Dinner     |
| 05/25/10 19:42:35 PM       | 8.27       | \$28.69    | Chili/Soup  | Q-reproduction | Soup Container-Small | Market    | Compost     | Dinner     |
| 05/25/10 12:52:37 PM       | 14.34      | \$28.36    | Food/Fat    | Tea Waste      | Plastic/Levon-Large  | Kitchen   | Teach       | Lunch      |
| 05/28/10 08:35:46 AM       | 5.36       | \$13.42    | S-e-G Salad | Donated        | Half Hotel Pan       | Market    | Donation    | Late Night |
| 05/24/10 14:39:28 PM       | 5.76       | \$7.63     | Beef Vnli   | Q-reproduction | Fab/Hotel Pan (8")   | Dr Dining | Compost     | Lunch      |
| 05/28/10 05:43:12 AM       | 9.27       | \$7.11     | S-e-G Salad | Donated        | Half Hotel Pan (8")  | Market    | Donation    | Late Night |
| 05/28/10 18:54:56 AM       | 12.92      | \$7.07     | Vegetable   | Tea Waste      | Plastic/Levon-Medban | Kitchen   | Compost     | Breakfast  |
| 05/28/10 22:06:26 PM       | 3.99       | \$15.05    | Fish        | Q-reproduction | Fab/Hotel Pan (8")   | Kitchen   | Compost     | Dinner     |
| 05/24/10 19:40:49 PM       | 4.44       | \$14.61    | Shellfish   | Q-reproduction | Half Hotel Pan       | Kitchen   | Compost     | Dinner     |
| 05/24/10 22:10:18 PM       | 5.70       | \$14.26    | Chili/Soup  | Donated        | Thec/Hotel Pan (8")  | Kitchen   | Compost     | Dinner     |
| 05/24/10 14:30:15 PM       | 6.07       | \$7.67     | Chili/Soup  | Q-reproduction | Soup Container-Med   | Dr Dining | Compost     | Lunch      |
| 05/27/10 22:20:03 PM       | 4.01       | \$7.02     | Chili/Soup  | Donated        | Thec/Hotel Pan (8")  | Kitchen   | Compost     | Dinner     |
| 05/28/10 05:21:38 AM       | 3.45       | \$11.23    | S-e-G Salad | Donated        | No Fan               | Market    | Donation    | Breakfast  |
| 05/28/10 22:57:39 PM       | 20.36      | \$3.51     | Hot/Casual  | Q-reproduction | Thec/Hotel Pan (8")  | Kitchen   | Compost     | Dinner     |
| 05/28/10 22:55:51 PM       | 20.14      | \$3.63     | Hot/Casual  | Q-reproduction | Thec/Hotel Pan       | Kitchen   | Compost     | Dinner     |
| Form: 05/24/10 07:24:37 AM |            | \$42.43    | \$ 790.14   |                |                      |           |             |            |
| To: 05/30/10 23:12:17 PM   |            |            |             |                |                      |           |             |            |



# Track it

VaWaste Advantage 4

File Tasks Tools Advanced Help

Home Data for week starting 05/24/2010 Site: First Hill

## Transaction Viewer

Filters Applied: [Disposition] = (NonBlank) | AND [Timestamp] = '5/24/2010 12:00:00 AM' AND [Timestamp] < '5/31/2010 12:00:00 AM'

Drag a column header here to group by that column

| Timestamp            | Net Weight | Food Value | Food            | Loss              | Container              | Station       | Disposition | DayPart    |
|----------------------|------------|------------|-----------------|-------------------|------------------------|---------------|-------------|------------|
| 05/24/10 07:24:07 AM | 4.55       | \$6.47     | Vegetable       | Tin Waste         | Full Hotel Pan (4')    | Kitchen       | Compost     | Breakfast  |
| 05/24/10 09:31:14 AM | 26.85      | \$38.12    | Vegetable       | Solid Bar Expired | Plastic/Lexan-Medium   | Kitchen       | Compost     | Late Night |
| 05/24/10 10:35:15 AM | 3.29       | \$1.05     | Hot Cereal      | Overproduction    | Half Hotel Pan         | Dr Dining     | Compost     | Breakfast  |
| 05/24/10 10:56:51 AM | 5.45       | \$6.48     | Eggs            | Overproduction    | Half Hotel Pan (2.5')  | Market        | Compost     | Breakfast  |
| 05/24/10 10:57:36 AM | 1.88       | \$3.28     | Bakery          | Overproduction    | Half Hotel Pan         | Market        | Compost     | Breakfast  |
| 05/24/10 10:58:17 AM | 3.80       | \$2.32     | Starch          | Overproduction    | Half Hotel Pan         | Market        | Compost     | Breakfast  |
| 05/24/10 11:07:43 AM | 4.62       | \$5.49     | Eggs            | Overproduction    | Half Hotel Pan         | Market        | Compost     | Breakfast  |
| 05/24/10 11:27:53 AM | 0.22       | \$0.32     | Vegetable       | Tin Waste         | Half Hotel Pan (2.5')  | Market        | Compost     | Lunch      |
| 05/24/10 13:44:58 PM | 4.46       | \$6.34     | Vegetable       | Tin Waste         | Half Hotel Pan         | Sub Stop      | Compost     | Lunch      |
| 05/24/10 14:38:15 PM | 5.07       | \$12.67    | Chili/Soup      | Overproduction    | Soup Container-Med     | Dr Dining     | Compost     | Lunch      |
| 05/24/10 14:38:42 PM | 4.65       | \$2.83     | Rice            | Overproduction    | Half Hotel Pan         | Dr Dining     | Compost     | Lunch      |
| 05/24/10 14:39:28 PM | 5.76       | \$17.63    | Beef - WH       | Overproduction    | Full Hotel Pan (4')    | Dr Dining     | Compost     | Lunch      |
| 05/24/10 18:22:23 PM | 4.96       | \$4.96     | Compound Salad  | Tin Waste         | Half Hotel Pan         | Sub Stop      | Compost     | Dinner     |
| 05/24/10 19:24:04 PM | 0.25       | \$0.12     | Coffee          | Overproduction    | Plastic/Lexan-Large    | Market        | Compost     | Dinner     |
| 05/24/10 19:45:22 PM | 1.78       | \$2.53     | Vegetable       | Overproduction    | Half Hotel Pan (2.5')  | Kitchen       | Compost     | Dinner     |
| 05/24/10 19:45:51 PM | 2.18       | \$1.33     | Potato          | Overproduction    | Half Hotel Pan (2.5')  | Kitchen       | Compost     | Dinner     |
| 05/24/10 19:46:49 PM | 4.44       | \$14.61    | Shellfish       | Overproduction    | Half Hotel Pan         | Kitchen       | Compost     | Dinner     |
| 05/24/10 22:17:41 PM | 7.92       | \$1.11     | Broth/Graup/Scv | Donated           | Third Hotel Pan (5')   | Kitchen       | Compost     | Dinner     |
| 05/24/10 22:18:18 PM | 5.70       | \$14.36    | Chili/Soup      | Donated           | Third Hotel Pan (5')   | Kitchen       | Compost     | Dinner     |
| 05/24/10 22:18:49 PM | 1.70       | \$1.04     | Rice            | Donated           | Quarter Hotel Pan (5') | Kitchen       | Compost     | Dinner     |
| 05/24/10 22:19:16 PM | 2.97       | \$0.42     | Broth/Graup/Scv | Donated           | Quarter Hotel Pan (5') | Kitchen       | Compost     | Dinner     |
| 05/25/10 07:21:52 AM | 4.22       | \$5.99     | Vegetable       | Tin Waste         | Half Hotel Pan (2.5')  | Kitchen       | Compost     | Breakfast  |
| 05/25/10 10:20:14 AM | 8.61       | \$2.75     | Hot Cereal      | Tin Waste         | Full Hotel Pan (4')    | Patient       | Compost     | Breakfast  |
| 05/25/10 10:55:19 AM | 7.61       | \$9.29     | Eggs            | Overproduction    | Half Hotel Pan         | Market        | Compost     | Breakfast  |
| 05/25/10 11:09:08 AM | 1.01       | \$1.44     | Fresh Fruit     | Tin Waste         | Half Hotel Pan (2.5')  | Market        | Compost     | Lunch      |
| 05/25/10 11:30:03 AM | 2.10       | \$1.28     | Starch          | Overproduction    | Half Hotel Pan         | Cherry Street | Compost     | Breakfast  |
| 05/24/10 07:24:07 AM | 842.63     | \$ 798.14  |                 |                   |                        |               |             |            |
| 05/30/10 23:12:17 PM |            |            |                 |                   |                        |               |             |            |

Print PDF Show/Choose Columns Save View Load View Export to XML Save Data Done

Current Database: First\_Hill\_VWA4.mdb  
Current User: Administrator

Shortcuts: Add User, Remove User, Update Tracker  
Settings: Manage Reports, Manage Recurring Transactions

LeanPath

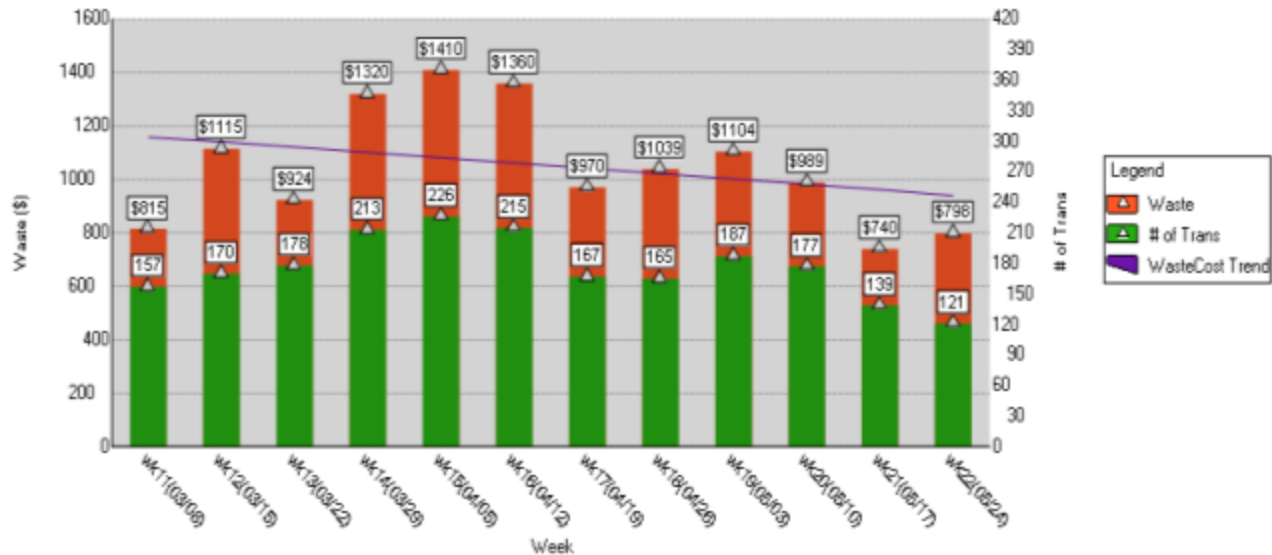
# Manage it

## 12-Week Trend Report

Date: 03/08/2010 - 05/31/2010

Grand total: \$12584

Filtered total: \$12584



Warning: Low Transactions for weeks: 22 - 05/24/10, 21 - 05/17/10, 11 - 03/08/10, 18 - 04/26/10, 17 - 04/19/10, 12 - 03/15/10, 20 - 05/10/10, 13 - 03/22/10, 19 - 05/03/10, 14 - 03/29/10, 16 - 04/12/10, 15 - 04/05/10

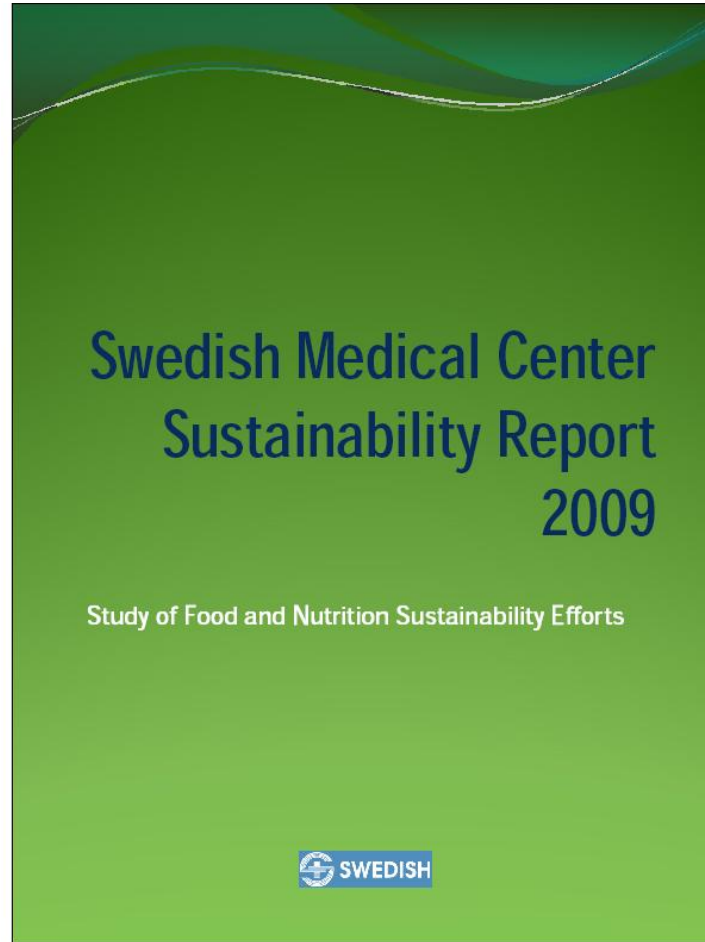
Filter used: Pre-Consumer Waste AND (Timestamp >= 2010/03/08 00:00:00 AND Timestamp < 2010/05/31 00:00:00)

Current DataBase: S:\FhcBaf\WorkGroups\WSDeptResources\Leanpath\FHFirst\_Hil\_VWA4.mdb

# Report out the RESULTS



# Selling it





# Looking Forward

- New Equipment Capital requests
- More FTE's
- FTE reductions
- Increased food budget
- Reduced food budget
- Waste projections
- Project analysis
- Sustainability Reporting



# Questions?