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Federal Way Solid Waste Collection Options Planning and Recycling Program Implementation Services

MONTHLY UPDATE
January-February, 2012

TASK 1: Recycling Program Implementation Assistance and Outreach

- Emails
- Communication with Jeanette and Rob
- Communication with Seadrunar
- Communication with the School District

- **Business Outreach**

  - Visited 6 Seadrunar properties regarding low recycling rates to do an outside assessment (did not meet with businesses)
  - Sent information to Seadrunar

- **School Outreach**

District

- Met with Jeanette and Audrey
- Site visit with Audrey to Transportation and Maintenance Building
- Visited storage site to retrieve containers and materials for schools.
- Created recycling signs that are "student friendly" for cafeteria and classroom recycling.
- Ordered recycling and composting signs from Costco and picked up.
- Purchased colanders (for emptying beverage containers) and dish tubs (for tray collection) from Fred Meyer.
- Updated announcements, newsletter article and electronic updates for schools.

Metal Recycling Switch

- Assisted district with switching metal recycling services to Independent Metals to get paid for metal recycling.
- They were paying $75 a month for 2 tons of metal picked up monthly.
- They will now be paid $250 per ton or receive $500 per month for recycling.
- Savings of **$900** per year
- Revenue from recycling: **$5,760.00** per year!

Seadrunar Switch

- Assisted district with switching 6 schools and 2 district facilities to Seadrunar services.
- Savings of **$25,600 per year** for the district and increased recycling capacity for schools by 9 yards per week or approximately 470 cubic yards per year.
- Prepared for and met with SeaDruNar
- Site assessment of central kitchen.
- Prepared for meetings with schools and created an agenda.
- Provided notes to Seadrunar as a result of meetings; with dumpster requests.
- Contact and coordination with Seadrunar regarding dumpster delivery and service start up
- Check in regarding first week's pick up.

Adelaide Elementary School

- Emails
- Prepared for and met with Principal, parent, custodian and district regarding adding recycling and composting in the cafeteria.
- Met with custodian and lunch staff and observed lunch.
- Met with custodian and Principal to determine cafeteria plan, roll out schedule and student group.
- Met with parent regarding interest in green teams.
- Prepared for and presented to student group regarding student monitor training and promotion preparations.
- Sent electronic educational materials (staff email, announcements, signs, article etc.)

ESC District Facility

- Emails
- Prepared for and met with district contact regarding switch to Seadrunar
- Sent email to the contact with the Seadrunar "yes/no" flyer
- Typed up notes from visit and next steps.

Nautilus Elementary

- Emails
- Prepared for and met with school regarding switch to Seadrunar
- Sent email to the principal with the Seadrunar "yes/no" flyer
- Typed up notes from visit and next steps.
- Completed Earth Heroes application for Lisa Torres

Mirror Lake Elementary

- Emails
- Prepared for and met with school regarding switch to Seadrunar
- Sent email to the principal with the Seadrunar "yes/no" flyer
- Typed up notes from visit and next steps.

Panther Lake Elementary

- Emails
- Prepared for and met with school regarding switch to Seadrunar
- Sent email to the principal with the Seadrunar “yes/no” flyer
- Typed up notes from visit and next steps.

Todd Beamer High School

- Emails
- Prepared for and met with custodian and teacher. Assessed space for organics carts and organics containers in the cafeteria.
- Typed up notes and sent out to team.
- Prepared for and met with/presented to marketing class, leadership group and student store students regarding kick off of food recycling and revamp of recycling in the cafeteria.
- While onsite, met with custodian
- Delivered composting containers. Adhered signs to all containers and to tray collection tubs. Set up stations.
- Prepared for and attended kick off day. Visited all tables to explain new program to students. Checked in with student monitors on progress during the lunches. Results:
    - Reduced garbage daily by 18 containers. This is a reduction of 580 gallons of garbage per day or 116,000 gallons (516 cubic yards) per year.
    - Collected 90 gallons of recyclable materials in one day.
    - Collected 48 gallons of compostable materials in one day.
- Sent electronic educational materials (staff email, announcements, signs, article etc.)
- Emailed request to leadership groups and environmental club for assistance with program.
- Sent results to school from kick off.

Twain Elementary

- Emails
- Prepared for and met with school regarding switch to Seadrunar
- Sent email to the principal with the Seadrunar “yes/no” flyer
- Typed up notes from visit and next steps.

Wildwood Elementary

- Emails
- Prepared for and met with school regarding switch to Seadrunar
- Sent email to the principal with the Seadrunar “yes/no” flyer
- Typed up notes from visit and next steps.
- Met with Wildwood administrative team regarding recycling roll out in the cafeteria. Sent out notes.
- Visited onsite during lunch to meet with lunch staff, custodian and district contact and observe lunch for recycling changes.

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Federal Way Solid Waste Collection Options Planning and Recycling Program Implementation Services
MONTHLY UPDATE
March, 2012

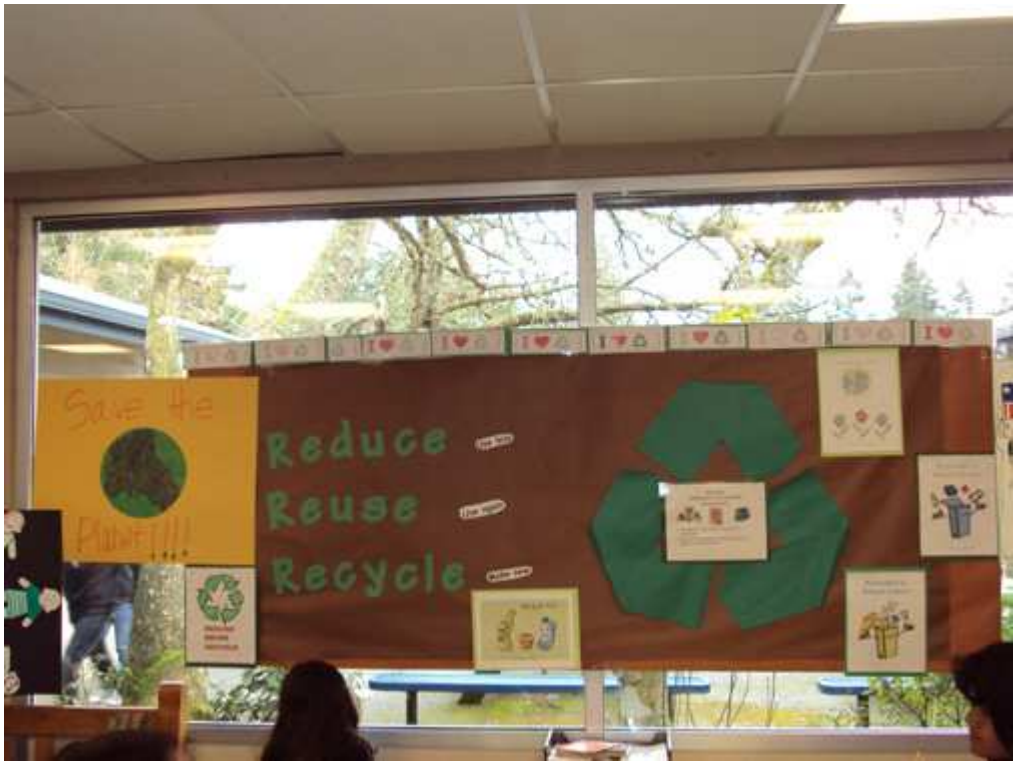
TASK 1: Recycling Program Implementation Assistance and Outreach

- Emails
- Communication with Jeanette and Rob
- Communication with Seadrunar
- Communication with the School District
- Created and updated district savings spreadsheet
- Memorial Field
  - Meeting onsite
  - Provided recommendations for downsizing containers that Audrey used to save $371.00 per month.
  - Delivered 5 deskside recycling containers to them to use onsite.
  - Ordered 2 recycling carts for this site. They previously did not have recycling.
- Adelaide Elementary
  - Emails
  - Calls
  - Kicked off cafeteria recycling and composting program. Previously did not have recycling or composting.
    - prepared containers,
    - did presentations,
    - measured results,
    - sent out photos and results
    - Results:
      - In one day they collected approximately 90 gallons of recyclable material and 20 gallons of food recycling material that would have been previously thrown away! This does not include food that is generated each day that will now be composted from the kitchen!
      - For just one week, that adds up to 550 gallons of material, or almost 3 cubic yards per week out of the garbage and into recycling or food recycling!
      - That is also <u>22000 gallons per school year</u> or about <u>110 cubic yards per school year</u>! For a year, the amount of items that would have been tossed in landfills would have filled more than one school bus. Thanks to their school, a school bus full of material is given a “second chance” being composted or recycled into new products. WOW!

- They reduced garbage from approximately 7 cans (32 gallon sized) per day to about 3 cans full per day! That is a reduction of 20 cans of garbage per week or 800 cans per year!
- They increased their lunch recycling rate from 0% (meaning 0% of all waste produced- was recycled) to 56%!

- Todd Beamer High School
  - Emails
- Mirror Lake Elementary
  - Spoke with Principal onsite at Adelaide (she came to Adelaide's kick off day)
  - Emails
  - Sent educational materials for outreach
  - Trained student monitors during workshop
  - Met with Green Team
  - Observed lunch
- Wildwood Elementary
  - Meeting onsite with Principal
  - Emails
  - Presented at staff meeting
  - Coordinated with teachers to do student monitor training
  - Sent educational materials for outreach
  - Trained student monitors during workshop

Photos below from Adelaide kick off:


Save the
Reduce
Reuse
Recycle

Once is not enough
Recycle everyday!
R is for
Recycle!
Recycling
is easy!
you need
to GO
GREEN!

Only You can Save the
Earth!..It's not as hard as saving
Galaxy...
PET!!
The recycling Robot
3/7
PTA

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Federal Way Solid Waste Collection Options Planning and Recycling Program Implementation Services
MONTHLY UPDATE
APRIL, 2012

TASK 1: Recycling Program Implementation Assistance and Outreach

- Emails
- Communication with Jeanette and Rob
- Communication with Seadrunar
- Communication with the School District
- Material management in preparation for kick offs:
  - Retrieving and delivering containers, buckets, lids; preparing lids
  - Preparing signage
  - Preparing lanyards for students
- Mirror Lake Elementary
  - Emails
  - Prepared for, coordinated and kicked off cafeteria recycling and composting program
    - Results:
      - In one day, they collected approximately **64 gallons of recyclable material and 30 gallons of food recycling** material that would have been previously thrown away! This does not include food that is generated each day that will now be composted from the kitchen!
      - For just one week, that adds up to **475 gallons of material, or almost 2.5 cubic yards per week** out of the garbage and into recycling or food recycling!
      - That is also **19000 gallons per school year or about 94 cubic yards per school year**!
      - For a year, the amount of items that would have been tossed in landfills would have filled one school bus. **A school bus full of materials is given a "second chance" being composted or recycled into new products.**
      - Reduced garbage from approximately 5 cans (32 gallon sized) per day to about 2 cans full per day! **That is a reduction of 15 cans of garbage per week or 600 cans per year!**
      - Increased your lunch recycling rate from 0% (meaning 0% of all waste produced- was recycled) to **60%!**
  - Visited two more times during lunch to help strategize some issues with kick off and solve them. Developed a proposal of solutions and helped implement them with the custodian and the school.

- Panther Lake Elementary
  - Emails
  - Met onsite with team about starting recycling
  - Visited during lunch to assess program and provide recommendations

- Wildwood Elementary
  - Emails
  - Prepared for, coordinated and kicked off cafeteria recycling and composting program
    - Results:
      - In just one day, they collected approximately **64 gallons of recyclable material -**material that would have been previously thrown away!
      - For just one week, that adds up to **320 gallons of material, or 1.5 cubic yards per week** out of the garbage and into recycling!
      - That is also **12,800 gallons per school year or about 64 cubic yards per school year**!
      - For a year, the amount of items that would have been tossed in landfills would have filled three fourths of a school bus. **¾ of a school bus full of materials are given a "second chance" being composted or recycled into new products.**
      - Reduced garbage from approximately 5 cans (32 gallon sized) per day to about 3 cans full per day! **That is a reduction of 10 cans of garbage per week or 400 cans per year!**
      - Increased your lunch recycling rate from 0% (meaning 0% of all waste produced- was recycled) to **40%!**

Photos below from Mirror Lake kick off:

MIRROR LAKE
ELEMENTARY SCHOOL
APR 17 6:00 PM
1ST & 2ND GRADE CONCERT
WEAR GREEN MONDAY
RECYCLE PROGRAM BEGINS

Brown

Photos below from Wildwood kick off:

RECYCLING
Pour Out
Leftover
Liquids Here

FLEXIBILITY

Pour Out
Leftover
Liquids Here

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Federal Way Solid Waste Collection Options Planning and Recycling Program Implementation Services
MONTHLY UPDATE
MAY, 2012

TASK 1: Recycling Program Implementation Assistance and Outreach

- Emails
- Communication with Jeanette and Rob
- Communication with Seadrunar
- Communication with the School District
- Created recommendation listing for the District
- Updated cost savings spreadsheet
- Material management in preparation for kick offs:
    - Retrieved containers from the City
    - Preparing signage
    - Preparing lanyards for students

- Panther Lake Elementary
    - Emails
    - Developed options listing for Panther Lake administration with key choices for cafeteria set up, cafeteria management, collection procedures
    - Met onsite with team about starting recycling.
    - Conducted student monitor training
    - Arranged for certificates to be made through the City
    - Prepared for, coordinated and kicked off cafeteria recycling and composting program.
    - Sent out results and photos:
        - In one day, they collected approximately **88 gallons of recyclable material -**material that would have been previously thrown away!
        - For just one week, that adds up to **440 gallons of material, or 2.2 cubic yards per week** out of the garbage and into recycling!
        - That is also **<u>17,600 gallons per school year</u> or about <u>87 cubic yards per school year</u>**!
        - For a year, the amount of items that would have been tossed in landfills would have almost filled a school bus.
        - They reduced garbage from approximately 8 cans (32 gallon sized) per day to about 5 cans full per day! **That is a reduction of 15 cans of garbage per week or 600 cans per year!**
        - They increased your lunch recycling rate from 0% (meaning 0% of all waste produced- was recycled) to **35%!**

Photos below from Phantom Lake kick off:

RECYCLING is good!
NO:

Recycle Kick Off
May 15th

YES
•Plastic bottles (no caps)
•Plastic and paper cups
•Milk cartons
•Drink boxes
•Metal cans
NO:
RECYCLE

CHAMPIONS
Extended Learning
RECYCLING
Pour Out
Leftover
Liquids Here

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Federal Way Solid Waste Collection Options Planning and Recycling Program Implementation Services
MONTHLY UPDATE
JUNE, 2012

TASK 1: Recycling Program Implementation Assistance and Outreach

- Emails
- Communication with Jeanette and Rob
- Communication with Seadrunar
- Communication with the School District
- Prepared for and met with Federal Way School District, Seadrunar, City of Federal Way. Sent out notes as a result.
- Prepared materials for Audrey.
- Met onsite at Panther Lake with Audrey and Seadrunar to check in on the program.
- Created summary of assistance for this year.