**Administration:**

**Chair Report:**
- May 2011 minutes approved
- **April action items:**
  - Zero-waste documentary update – about a month behind; expect viewing to be end of June.

**Monthly Topics:**

4. **Comp Plan – Update & Briefing**
   Gabriella Uhlar-Heffner updated SWAC on recommendations for Increasing C&D (Construction & Debris) Recycling. Update included:
   - Historical review for new members
     - Seattle C&D recycling & disposal in tons, not including City Transfer stations and collections) for 2007, 2008 and 2009
     - Composition of recycled and disposed materials, in tons, with disposal area
       - Landfilled (with ADC & IWS)
       - Recycled
       - Beneficial Use
       - Recovery percentage
     - Reviewed Fall 2010 C&D recycling proposals and stakeholder input
     - Recycle Potential Assessment (RPA) New Program Evaluations from April, 2011, which expand on programs already being provided. These included:
       - Baseline expanded voluntary and status quo programs
       - 3 versions of “Mandatory Recycling with Reporting” required within 60-90 days of final inspection (not before Certificate of Occupancy issued)
       - 2 versions of “Disposal Bans”
       - 2 versions of “All Waste Sorted Before Disposal: (suggested by certain stakeholders)
     - Baseline Recycling Program
       - Reviewed elements of the Baseline Expanded Voluntary Program
       - Projected the Baseline Recycling Rate in 2015 = 60% and in 2020 = 64%
     - Reviewed Mandatory Program Evaluations, which consisted of:
       - Recycling Options
- Requirements
  - Recycling percentage, and year achieved
- Reviewed Disposal Ban Evaluations, which also consisted of:
  - Program options
  - Requirements
  - Recycling percentage, and year achieved
- Reviewed All Waste Sorted Before Disposal Evaluations, which would also apply to self-haul:
  - Program options
  - Requirements
  - Recycling percentage, and year achieved
- Discussed Levels of Facility Certification
  - Levels, consisting of Status Quo, Basic Certification, and Advanced Certification
  - Requirements:
    - Reporting to City
    - Minimum recycling requirements
    - Sampling residuals for % of targeted recyclables
  - Raised questions:
    - How would Bans and all waste sorting options be monitored and/or enforced?
    - Is this being done in other facilities?
    - How do we require the certification levels?
    - Do we have the ability to resort and recycle?
- Draft Comp Plan Recommendations will be taken out for public comment
  - C&D Recycling Goal 70% by 2020
  - Expanded “Voluntary Programs” with disposal ban on asphalt paving, bricks and concrete (2012)
  - Option: Bans beyond ABC for all DPD permittees with report –
    - Metals, other ferrous, OCC – 2012
    - Carpet – 2013
    - Clean wood and gypsum – 2013
  - Advanced level of facility certification – 2013-2015
- Advantages of Bans beyond ABC for all DPD Permittees with Report
  - Recycling
    - Higher recycling levels in 2015 (compared to other considered options)
    - Exceeds 70% recycling goal for 2020
    - Emphasis on market development
    - Similar new commercial sector bans (carpet and plastic film wrap)
  - Generators
    - Can use a variety of certified facilities
    - Minimal reporting requirement
  - Facilities
    - “Advanced level” of certification applies
  - City Staffing
    - Fewer staff needed and they are field oriented
- Disadvantages of Bans beyond ABC for all DPD Permittees with Report
  - Recycling
    - Disposal Bans should be in multiple jurisdictions to be most effective
    - Contamination may be more of a problem (as asbestos in carpet, dirty plastic film)
    - More widespread markets needed for certain marketed materials (such as gypsum)
    - Product specifications should be adopted by State and local governments (such as the hot mix paving using tear-off asphalt shingles)
  - Generators
    - Need convenient drop sites and local facilities
  - Facilities
“Advanced certification” may be costly to achieve

City Staffing
Disposal Bans applied to Self-haul difficult to enforce
Illegal Dumping may increase

Questions/comments generated
Bans have had little enforcement. How will this option be enforced?
Will there be a C&D life cycle analysis?
What are most likely unintended consequences of this option?

Stakeholder Input Process
60 day public and stakeholder review period for Draft Comp Plan
C&D Recommendation Workshops around Carpet (commercial and C&D)
Plastic film wrap (commercial and C&D)
Clean wood waste
Clean gypsum
Tear-off asphalt shingles
Presentations for Master Builders & AGC

Illegal Hauling presentation and discussion
Council committee briefing scheduled for June 10 2011
Ordinance adds $250 fine for violation of current hauling requirements
Applicable to:
Third party hauling of MSW by non-City contractor
Third party hauling of C&D for disposal by non-City contractor
Not applicable to:
Recyclers with loads with 10% or less contamination
Demolitions Firms self-hauling their own debris
Stakeholder Input on Enforcement (Fall 2010), feedback and SPU response
City hauling rules limit competition and recycling
These are not new requirements
City RFP for construction waste collection in 2008 encouraged competition and multiple vendors
City proposing new programs to increase recycling
10% contamination threshold difficult to assess
City enforcement is for major contamination
C&D recycling facilities do not divert 90% of inbound materials to true markets
City advancing certification program to improve reporting and diversion

2010 Field Inspections and Enforcement
Reports of illegal hauling – 103
SPU field inspections – 89
Non-compliant containers confirmed – 40
80% due to contaminated C&D recycling and 15% for the hauling of MSW or contaminated yard trimmings
Hauler response:
Improved customer education and signage
Removed non-compliant containers

Vicky Beaumont briefed the SWAC on the May 24, 2011 Council presentation regarding the SPU Solid Waste Management Plan Update. Highlights included:

SW Management Plan required by Washington State RCE 70.95
Reviewed past highlights
60% recycling goal
Long haul disposal
Waste prevention and product stewardship – 1998-2004
Direction to renovate stations
Reviewed process for this update
Recycling Potential Assessment (RPA)
- A model that forecasts potential increased recycling from packages of programs
- Uses data from demographic and economic forecasts, waste composition studies, and assumptions for new programs
- Results include forecasted recycling rates and net costs
  - Full economic analysis including environmental benefits coming this July

Recommendations Highlights included:
- Recycling goal revision
  - 60% by 2015 – extend from 2012 (delayed by three years)
  - 70% by 2022 – move up from 2025
    - Why not meet previous timeline?
    - Are sections hugely sensitive to recovery, etc?

New Programs and Actions
- Waste prevention – Advance Recovery Fee Framework
  - Shifting more cost away from general rate payers to those responsible for their products
  - Target materials: toxic, easiest for product stewardship, largest disposal volumes
  - Approaches: Take-back programs, producer fees, advance recovery fees
  - Strategic development – local, state, national

Recycling – Municipal Solid Waste (MSW) – Target materials already recyclable
- Food waste and compostable paper
- Yard waste
- Recyclable paper
- Other traditional "curb" recycling: plastics, beverage containers, etc.
- C&D recycling in MSW (self haul to City stations and commercial garbage

Other target materials in MSW
- Carpet
- Textiles
- Plastic film wrap
- Pet waste and diapers

Main approaches
- Education
- Enforcement
- Bans/mandatory
- Product Stewardship
- New practices – develop markets first – then develop recycling at the curb
  - Textile recycling
  - Pet waste and diaper composting

Other MSW recommendations
- Continue all status quo programs
- No burning of mixed solid waste. No put-or-pay systems
- Continue with capital facilities plans
  - Rebuild south and north transfer stations

Reviewed MSW recycling rate projections

Construction & Demolition Debris (C&D)
- First time setting a goal for C&D recycling (outside of MSW)
  - 70% recycling by 2020
    - 2009 Status Quo – 56% recycling with another 4% “beneficially used” such as clean wood to fuel
  - Main approaches
    - Keep on with education and promotion of industry programs – LEED and Built Green
    - Expand voluntary programs for hybrid deconstruction and salvage assessments
o Create certification and inspection of C&D processing facilities
o Phase material bans
  ▪ Education and outreach in first year
  ▪ Enforcement added second year
o Materials disposal bans start dates
  ▪ 2012
    ▪ Asphalt bricks, concrete paving (ABC) – already legislated
    ▪ Metals and other ferrous
    ▪ Cardboard
  ▪ 2013
    ▪ Carpet scrap
    ▪ Plastic film
    ▪ Clean wood
    ▪ Clean gypsum
  ▪ 2014
    ▪ Tear-off asphalt shingles
o Cost impacts- projected O&M spending is lower
o Public comments welcome this summer during stakeholder review process
o The SWAC participated in an exercise to name this document – name to be used is “Picking Up The Pace Toward Zero Waste”

5. Facility Tours – Discussion
David Ruggiero reviewed north, central and south potential facilities for tours, with date and time restrictions. Highlights included
o North area facilities for consideration
  ▪ Cedar Grove – Everett – flexible; can ask for special tour
  ▪ Shoreline transfer station- new with flat tipping flow
o Central area facilities for consideration
  ▪ Nucor Steel – Fridays best, or Monday afternoons
  ▪ Allied Recycling – on Lander – any day, preferably early afternoon
  ▪ Total Reclaim – e-waste and recovery
  ▪ Veralia – glass recycle
  ▪ CDL Recycling
o South area facilities for consideration
  ▪ Recovery 1 – Tacoma – after July 1st, new carpet recycle line
  ▪ Cedar Grove/Cedar Hills landfill (Maple Valley)
  ▪ Discussion on date options
    ▪ David will set up survey to determine dates
    ▪ Will request response by June 15th, as potential dates are early in July
    ▪ Potential second tour in September

6. Wrap Up
Recommended
- EOW pilot support letter to Mayor

Action Items
- Annual Recycling Report due in June; established sub-committee will review and respond.

Preliminary Agenda for Next Meeting – July 6th, 2011, Room SMT 5965
- Approve June 2011 minutes

7:00 PM - Meeting adjourned