



June 1st, 2011

**Seattle Municipal Tower, 700 Fifth Avenue
Room 5940**

5 p.m.-7 p.m.

Chair: Signe Gilson

Vice Chair: Julie Pond

Secretary: Laura Feinstein

In attendance: Signe Gilson, Chair; Laura Feinstein; Carl Pierce; David Ruggiero; Rob Stephenson; Wendy Walker

Absent: Dan Corum; Julie Pond; Rita Smith

Staff: Vicky Beaumont; Gabriella Uhlar-Heffner; Linda Rogers

Guests: Katie Kennedy, Bill Lasby, KC Pub Health; Taisa Welhasch, Dept of Ecology

5:10 pm Call to Order

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 0 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

- Create certification and inspection of C&D processing facilities
- Phase material bans
 - Education and outreach in first year
 - Enforcement added second year
- 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
- Cost impacts- projected O&M spending is lower
- Public comments welcome this summer during stakeholder review process
- 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

- North area facilities for consideration
 - Cedar Grove – Everett – flexible; can ask for special tour
 - Shoreline transfer station- new with flat tipping flow
- 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
- 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

Recommendations

- 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