Meeting Notes

SPU Solid Waste Advisory Committee (SWAC)

October 21, 2009
Seattle Municipal Tower, 700 Fifth Avenue
Room 4096
5 p.m.-7 p.m.

DRAFT

Chair: Mike McComber
Vice Chair: David Ruggiero
Secretary: Nicole Riss

In attendance: Mike McComber, Chair; Signe Gilson; Eric Johnson; Todd Johnson; George Kukahiko; Theo Mbabaliye; Carl Pierce; Nicole Riss
Absent: David Ruggiero; Rita Smith
Staff: Vicky Beaumont, Linda Rogers, Gabriella Uhlar-Heffner, George Sidles, Tom Gannon
Guests: Bill Lasby, Public Health; Stephen Elliott

5:05 pm Call to Order

Administration:

Chair Report:
  o September, 2009 minutes approved
    ▪ Signe Gilson – advised “Waste less – Win More” CleanScapes competition for residential waste only.
    ▪ Shared flyer for Community Waste Reduction Rewards program for most improved total tons and percentage of waste reduced
    ▪ $50K provided for neighborhood improvement programs
    ▪ Under City-provided incentives
  o SRDS – Vicky Beaumont announced SRDS rebuild contractor decision has been made – design build proposal chosen is Mortensen with USR Engineering, with whom SPU is now entering into contract negotiations.

Monthly Topics:

3. Construction & Demolition Debris - Briefing
  • Gabriella Uhlar-Heffner briefed SWAC on upcoming programs and programmatic changed for C&D. Provided detailed overview of current drivers and issues followed by more depth on program efforts SPU will be focusing on in the next 2 or so years.
    o Variability of C&D waste based on construction cycles and economic conditions
    o In 2009, may barely reach 100K disposed tons of C&D due to recession
    o For this project:
      ▪ “Recycling” means remanufacturing waste materials into usable or marketable materials for use other than incineration or other methods of disposal
      ▪ “Beneficial Use” means essentially clean wood waste to boiler fuel
    o Distribution of Total C&D Disposed Tonnage:
      ▪ Large construction and demolition projects use private transfer stations for disposal, not the City transfer station
      ▪ City self-haul customers with C&D loads are typically home remodelers and small contractors
    o Reviewed 2007 C&D Waste Stream,
      ▪ Baseline “recovery” (recycling and beneficial use) of C&D handled through private recycling facilities (transfer stations with processing, commingled processors and source-separated processors) is overall 51% (2008 City survey)
    o 2007 Recycled C&D Composition
- Concrete, asphalt paving and other aggregates account for 82% of the reported recycling activities
  - C&D Disposed Composition – Seattle 2007 Overall
    - Clean wood is the largest fraction of disposed C&D, followed by roofing and painted/treated wood
    - Half of disposed C&D consists of materials that have established end markets
    - The other half (roofing, demo gypsum, painted/treated wood) have very limited or no end markets
  - Percent of C&D Disposed by Construction type
    - Over half of disposed C&D comes from demolition and remodeling activities
  - Recycling challenges:
    - “Alternative Daily Cover” (ADC) – usually the residual after processing
    - “Industrial Waste Stabilizer (IWS) – processed residual or unprocessed C&D used at Weyerhaser’s Longview landfill for paper pulp sludge
    - Lack of markets for roofing materials, painted wood waste, demolition gypsum, insulation, composite materials used in new construction
  - City Council “Zero Waste” Resolution C&D Focuses:
    - Certification – City inspects and certifies processing facility is achieving at least 50% “recovery” rate for C&D
    - Deposit Program or other major recycling program alternatives (2010 through RPA). Model is City of San Jose where building permit applicants get a refund if they use certified processing facilities achieving certain C&D recovery rates
    - RPS Program Options for C&D Recycling Voluntary Deconstruction – current DPD approach. Mandatory would require greater disassembly/storage capacity than what currently exists.
    - All major recycling options impact DPD Building Permit Applicants. Some for self-haul
  - Focus on Processing Facilities – expanded local processing capacity needed for certain commodities (gypsum scrap, roofing, carpet), salvage and deconstructed materials for City self-haul customers if no C&D sort line or drop sites at City transfer stations
    - Financial incentives for expanded local capacity
    - Certification of facilities that attain minimum recovery levels as 60% with no ADC or IWS
  - DPD’s Deconstruction Permit
    - Requirements:
      - Waste diversion Plan:
        - 100% recovery of asphalt, bricks and concrete (ABC)
        - 20% reuse
        - 50% of remainder, by weight, recycled or beneficially used.
      - Issues:
        - How to track
        - Lack of space for disassembly
        - Lack of Markets
  - Market Development
    - Asphalt shingles to hot mix paving (King County demonstration project in Enumclaw), monitored by State, Wash. DOT, etc
    - Carpet – local collection reclamation – King, Pierce, and Snohomish counties currently at table to discuss
  - Wood waste – greater diversion to higher recycling end users as paper pulp – Cascade Pacific mill in Oregon Recovery of Self-Haul C&D
    - No C&D sort line is design of new South Station – possible drop boxes at old South in redesigned recycling area
    - Ban on self-dumping trucks at City stations
    - Refer C&D rich loads to certified private processors
4. **Commercial Sector Recycling – Briefing**
   George Sidles reviewed SPU’s activities to increase recycling in this sector
   - Reviewed 2004 Summary of Sampling Results – identified single and multi-family residential, self-haul, construction demolition and commercial
   - Cannot control from exclusivity standpoint
   - Commercial inspections done by 1 FTE only, creates challenge

Tom Gannon reviewed commercial recycling issues relating to:
- What recycling tons are made up of
- Organics outreach to area restaurants and other Food Service Establishments (FSE)
- Identified direct outreach to professional businesses
- Reviewed the large generators
- Reviewed direct contacts from interested commercial establishments
- Reviewed industrial recycling, including toxics components, etc.

5. **Comprehensive Plan Update Outline – Discussion**
   - Vicky Beaumont reviewed SW Comprehensive Plan Update draft outline; discussed layout, discussed reason for new lay out.
   - Comments or change recommendations requested to be sent directly to Vicky Beaumont

**Wrap Up:**
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**Recommendations:**
- SWAC draft work plan at November meeting
- Review and bring additional items to next meeting
- Update on compostables from Dick Lily

**Action Items:**
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**Preliminary Agenda for Next Meeting**
- Approve meeting minutes for October, 2009
- Vote November so have chair for January
- Review draft 2010 workplan

7:00 PM Meeting adjourned.