SOLID WASTE ADVISORY COMMITTEE (SWAC)  
MEETING MINUTES  
January 8, 2014

Those present: Regional/Cities: City of Bainbridge Island – Diane Landry, City of Port Orchard – Stephanie Bailey; Central Kitsap – John Poppe, North Kitsap – Doug Chamberlain, South Kitsap – Eric Lenius; Commercial – Becky Asencio; Organics – Jeff West; Industry: Bainbridge Disposal – Dave Stanley, Waste Management – Dean Boening

KCPWSWD: Pat Campbell, Chris Piercy, John Steinmetz, and Cheryl Lutes

KPHD: Jan Brower


APPROVAL OF THE MINUTES
The November 2013 minutes were approved by those members that attended.

CORRESPONDENCE – No correspondence to report.

KCPWSWD – Chris Piercy – Recycling Activities in Kitsap County
See attached handout for the full presentation; some of the key points presented:

- Statewide in 2012 the residential recycling rate was 50.1%
- Kitsap County’s approximate 2012 recycling rate was 42%
- Recycling and Garbage Facilities (RAGFs)
  - The collection infrastructure currently includes a modified comingled for recyclables. Corrugated cardboard and scrap metal are collected separately, the rest are collected in a comingled system, similar to the residential curbside program.
  - OVTS still uses source-separated collection system at their recycling station.
  - It is estimated that the percentage of glass in the comingled recyclables collected at the RAGFs is just over 30%. MRF considers this low-value material.
- A single-family curbside residential composition study was conducted in May-June 2013
  - The study emphasis was the composition of the curbside collection recycling stream that concluded:
    - 61% of the materials collected are fiber-based products
    - 17% of the stream is glass
    - The percentage of residuals and contamination was just under 10% - relatively clean. King County recently published a study with much higher contamination rates.
- Organics – Food & Yard Waste
  - Residents currently have 7 locations to drop-off yard debris
  - The Emu Composting site (in the north end of the county) hopefully will open up for residents soon
  - Debris collected through curbside collection in 2012: 6,625 tons, with 2013 trends holding steady
  - No constant flow due to the seasonal nature – flows in spring/summer, ebbs in winter
  - Curbside pickup is widely underutilized – subscribership in the 20% range
  - The hauling efficiencies are difficult due in part to having 1 location to take it to
  - Only about 2-3 people out of 10 have curbside food and yard waste debris
• Commingled Recyclables
  ❖ Most of the United States’ fiber and plastics recyclables are shipped overseas to China, and China has tightened the regulations on what recyclables they want. This effort has been commonly referred to as the “Green Fence”.
  ❖ The Department of Ecology (DOE) created Regional Improvement Groups with the general focus on making the comingled recycling system better statewide to:
    ▪ Increase recovery,
    ▪ Improve quality,
    ▪ Research new technology available to fit existing MRFs and,
    ▪ Harmonize the State’s recycling system.
• The Northwest and Southwest Region workgroups identified problematic materials
  ❖ Examples of problematic materials identified: Glass; Film; Egg Cartons; Black Plastic; Thermoforms; Cartons; and Wet-Strength (paper designed to not break down in water – i.e. soft drink 12-pack carriers)
  ❖ Film is a large problem in the MRF lines – tangles in machinery, results in lost production.
  ❖ Glass-contaminated paper takes a toll on a paper mill’s machinery, and wears out belts at the MRF.
  ❖ Recycling efforts continue to grow and the focus for the future will be quality not quantity

KCPWSWD – Pat Campbell

Election of Officers
• Motion made and seconded to retain Stephanie Bailey as Chair and John Poppe as Vice-Chair. All in Favor. Motion carried.

Bylaws Review
• Members have no concerns with the existing Bylaws.

2014 Draft Work Plan (please see attached handout for a full listing of goals)
• High Priority:
  ❖ Review the existing organics programs
  ❖ Review both curbside comingled and drop-off programs, recommending changes if necessary
  ❖ Siting for a north-end Household Hazardous Waste Collection Facility
• Moderate Priority
  ❖ Review other jurisdictions policies for implementing – bag bans, disposal bans, mandatory organics collection
  ❖ Provide feedback on the State Solid and Hazardous Waste Management Plan
• Low Priority
  ❖ Review of the existing Solid and Hazardous Waste Plan Update
• KPHD – Jan Brower – Needles Take-Back Program Update
  ❖ The Sharps Exchange Program collected 700,000 needles in 2013.
  ❖ The Board of Health has asked the Health District to find a solution for the problem of the discarded needles that litter public locations countywide.
  ❖ A solution for the problem of the unsolicited newspapers that litter the entire county is currently in discussion.

ROUND TABLE DISCUSSION

Organics Management – Jeff West
• Ongoing process of hiring and training new employees to work at the Silverdale and Olalla RAGFs.
• Olympic Organics LLC is the new name of the north end drop-off site and soon will be open for business.
City of Port Orchard – Stephanie Bailey – Nothing to report.
Central Kitsap – John Poppe – Nothing to report.
North Kitsap – Doug Chamberlain – Nothing to report.
South Kitsap – Eric Lenius – Nothing to report.
KCPWSWD – John Steinmetz – Nothing to report.
Commercial – Becky Asencio
- The Central Kitsap School District withdrew from the organics program.

KCPWSWD – Pat Campbell
- Keli McKay-Means is the new Project Manager for the Division.
- Vicki Bushnell has retired, resulting in a reorganization of the Division’s Education/Outreach work group.
- A new Landfill Specialist – Alexis McKinnon – started last Monday, the 6th.
- Organics is the focus in the upcoming Waste Wise Communities newsletter.

Waste Management – Dean Boening
- Waste Management has purchased and installed a drive-cam in their trucks with the goal of reducing the safety issues.
- The collection trucks all have e-tablets for drivers to use, instead of the route paper-book, and are now paperless.
- Capital purchases were approved for OVTS and 2 new top-picks and a gently used loader have been purchased and should be onsite soon. A new compactor is being manufactured in Portland with an expected summer delivery.
- The install period for a new compactor is 5-6 days which will impact operations, and a site to divert customers will be needed during that period.

City of Bainbridge Island – Diane Landry
- Jan 11-12 at Bay Hay and Feed is a collection event for Styrofoam packing materials that will be dropped off – by a volunteer – at IKEA in Renton.
- Corrugated plastic election signs were collected – 580 – for recycling, but will be reused to the greatest extent possible.

Bainbridge Disposal – Dave Stanley
- A new, fully automated front-end loader has been ordered and should arrive January 13 or 14.
- Bainbridge Disposal has found a resource for plastic bags recycling and any color, except black, is accepted.

ADJOURNMENT
There being no further business the meeting was adjourned at 5:40 pm.

NEXT MEETING
The next meeting is scheduled for March 5 at 4 pm.
Recycling Activities in Kitsap County

2013 in review, and what’s on the horizon.
Recycling Rate

- 2012 Statewide: 50.1%
- 2012 Kitsap: 42.6%
collection infrastructure – “blue bin”

- Drop-off recycling at RAGFs and OVTS
  - 2013: Switched to modified commingled system
  - OVTS recycling center remains source-separated
  - Glass fraction is large
  - Contamination/confusion
collection infrastructure – “blue bin”

- Curbside Collection
  - 2012: 17,936 tons collected (residential)
  - 2013: holding steady
2013 single-family residential study

- Conducted in June 2013
- CPG-funded
- Focused on identifying the composition of the residential recycling stream
2013 single-family residential study

Countywide Residential Commingled Composition

- Recyclable Paper: 61%
- Recyclable Plastic: 8%
- Recyclable Metals: 5%
- Recyclable Glass: 17%
- Non-Program Paper: 4%
- Non-Program Plastic: 3%
- Non-Program Metals: 1%
- Non-Program Glass: 1%
- Other Residue: 0.1%
Organics – food & yard debris

- Drop-off collection
  - 7 drop-off locations for yard waste
  - (hopefully 8 soon!)
  - North end options are limited
Organics – food & yard debris

- Curbside Collection
  - 2012: 6,625 tons collected
  - 2013: holding steady
  - Seasonal nature creates ebbs and flows
  - Heavy
  - Available in burn ban areas/UGAs
  - Underutilized, and could be expanded to other dense areas
2013: Chinese Government implemented “Operation Green Fence”
- Puts emphasis on controlling scrap imports
- Significant impact on mixed rigid plastics
Commingled Improvements Workgroups

- Northwest Region – Island, King, Kitsap, San Juan, Skagit, Snohomish, Whatcom
- Southwest Region – Everyone else west of the mountains

- General focus: make commingled recycling better
  - Greater recovery
  - Higher quality
  - A system that fits available technology
  - More regional harmonization
Both workgroups have identified problematic materials:

- Glass*
- Film*
- Egg Cartons
- Wet-strength
- Black plastic
- Thermoforms
- Cartons

Glass

- It breaks...

So What?
Glass

- It’s mixed in with stuff - like paper.
Glass

- Yes, glass is recyclable infinitely
- Yes, we have been recycling glass for over a century
- Yes, there is a significant energy savings
Glass – the future

- Depot glass – currently goes to aggregate
- Curbside/MRF glass – currently... who knows?
- E-Cullet/Verallia (Saint-Gobain) – contract expired
- Strategic Materials sort facility – April 2014 (or so)

- Markets exist, we just need to produce a usable material
Film & Foam

- Extremely problematic in the commingled system
Film & Foam

bag YOUR BAGS

bring 'em back!
In conclusion...

- Recycling remains on the rise
- Quality is “okay” to “good”
- There’s tons (literally) of diversion potential
- Material quality is the wave of the future
Questions?

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