

**King County Solid Waste Advisory Committee
 April 18, 2014 - 9:30 a.m. to 11:30 a.m.
 King Street Center 8th Floor Conference Room**

Meeting Minutes

<u>Members Present</u>	<u>King County Staff</u>	<u>Others</u>
April Atwood	Ann Berrysmith	Doreen Booth
David Baker	Kathy Hashagen	Joe Guthner
Jerry Bartlett	Kevin Kiernan	Matthew Pederson
Bill Beck	Laila McClinton	Jim Smith
Elly Bunzendahl	Thea Severn	Don Tibbets
Joe Casalini	Kathy Wright	
Bob Dixon	Diane Yates	
Jean Garber		
Steve Gerritson		
Stacia Jenkins		
Kim Kaminski		
Keith Livingston		
Jose Lugo		
Philipp Schmidt-Pathmann		
Stephen Strader		
Thomas Wray		

Approve Meeting Minutes; Review Agenda

The March minutes were amended as follows. The beginning of the second paragraph on the fourth page was changed from “Garber motion:” to “Casalini motion:” and the minutes were approved as amended.

Updates

SWD

The division received thirty seven questions from the Sound Cities Association RPC Caucus. Topics include the closure of existing transfer stations, and system costs. The division expects to respond next week. The letter also included three questions directed to the County Auditor which the division forwarded to that group. The division also received a letter from the City of Bellevue focus on SEPA and impacts to Factoria.

Division Director Pat McLaughlin and Diane Yates are requesting meetings with cities to maintain open lines of communication. Meetings are scheduled with Auburn Mayor Backus and Snoqualmie Mayor Larson for the end of April. A meeting with Renton’s Mayor Law is scheduled for May 5.

The division has been attending this series of the Community Service Ares (CSA) meetings. The first was held in Four Creeks. Solid Waste issues discussed included the transfer plan, Renton

Transfer Station, the life of Cedar Hills and illegal dumping. No issues related to Solid Waste were discussed at the West Hill/Skyway meeting on April 16. Yates will email SWAC members with the future CSA meeting dates.

March 25, Kiernan briefed the Algona City Council on the status of the South County Recycling and Transfer Station Project. The presentation included SWD's proposal to site the facility at SWD-owned property in Algona and options for mitigating potential impacts. A follow-up meeting with Mayor Hill and Dianna Quinn took place. Last week, a draft term sheet to define areas of agreement was sent to Major Hill for his feedback. The intent is that these areas of agreement would be incorporated into an interlocal agreement between Algona and the County. The division is cautiously optimistic and will continue to update SWAC on the progress of discussions.

As part of the Solid Waste Association of North America (SWANA) regional symposium, approximately 38 participants toured the Cedar Hills Landfill, the Bow Lake Recycling and Transfer Station on April 9.

Tonnage during the first quarter of 2014 was up 6,600 tons compared to the first quarter 2013. Approximately one third of the increase was due to tonnage increases at Shoreline, which are likely related to closure of Seattle's North Transfer Station.

The Bow Lake Recycling and Transfer Station received the Platinum certification level of the Leadership in Energy and Environmental Design (LEED) green building rating system. Platinum is the highest possible rating.

In addition to numerous local outreach activities, SWD's EcoConsumer recently provided advice on setting up a recycling program to a non-profit operating in Ghana, Africa. Closer to home, an article on ParentMap magazine's website looked at [10 Creative Green Ways Families Can Save Some Green](#), KOMO TV segments focused on [eco-babies](#) and [green kitchens](#), a Seattle Times column examined [tool sharing](#), and presentations on plastics.

The division's [LinkUp](#) program has designated textiles as a new focus material for 2014. King County and Seattle residents and businesses throw away nearly 40,000 tons of textiles each year – that's about four percent of all disposed garbage. The division is working with Seattle Public Utilities and will collaborate with non-profit and for-profit collectors to educate the public about textiles suitable for reuse and recycling.

MSWMAC

Jenkins provided the MSWMAC update. She said that the MSWMAC agenda included a discussion of the Transfer Plan Review Report which generated request for more information about hauler impacts and associated costs of options as well as other financial data. Also discussed was options for dealing with transaction capacity and members were reminded that some city ordinances would impact the ability to extend transfer station hours in some locations.

MSWMAC also discussed financial policies and notes that the number of options provided by the Sustainable Solid Waste Management plan was disconcerting.

OTHER

Members were reminded that the [Northwest Annual Green Homes Tour](#) will take place on April 26.

Roosevelt Regional Gas-to-Energy Facility

SWAC received a [presentation](#) from Jim Smith from the [Klickitat County Public Utility District](#) regarding the Roosevelt Regional Gas to Energy Facility. The PUD has partnered with Republic Services to convert the landfill gas produced by the Roosevelt Landfill into energy. The project, which began in 2011, is one part of the PUD's energy generation. Other parts include a small scale hydro-generation, solar generation and wind generation. The plant is the third largest landfill gas to energy plant in the country and unlike the wind or solar powered generators, provides power twenty four hours each day.

Comments included:

- The type of technology used in this type of plant is important. Klickitat County PUD uses combustion turbines and also generates energy from waste heat.
- Power prices are volatile and are about half of what they were five years ago.
- Continuous emissions monitoring is required.
- It's difficult to compare the efficiency of the plant to the facility in Spokane.
- It's not clear how the removal of organics from the waste stream will impact future LFGTE plants. The existing plant is not expected to hit full capacity for a while and is expected to be fine based on projections and disposal patterns. The removal of organics would need to be considered in future plants/expansions.
- A question was asked about dioxins and furians emissions from landfills. The response was that the presenter did not have that emissions data available at the time.

Financial Policies

SWAC received a second [presentation regarding draft Financial Policies](#). When the policies are complete they will be transmitted to the King County Council for adoption. The policies are high level statements. It is likely that language in the comp plan will provide further information.

The comp plan will be informed by the work of the Sustainable Solid Waste Management Study and the transfer plan review. Work to revise that plan is expected to begin in August. A market study for recyclables was included in the most recent rate request but was not approved.

Sustainable Solid Waste Management Study

The scope of the RFP for the Sustainable Solid Waste Management Study (SSWMS) included organics management, resource recovery, construction and demolition (C&D), alternative disposal, and sustainable system financing. This small study will not provide the impact of each practice on the rate. Instead, it is intended to narrow the field and help identify what to pursue in further detail. Materials referred to in this discussion are available [here](#).

The results on page seven are grouped by color but there is no ranking/implied order within each color.

Comments included:

- This is a great high level summary. Specifics about what makes each of these things sustainable in this area are included in the detail that will be provided before the next meeting.
- Producing fuel may be a better option than producing energy.
- Consider combining #3 (Assess lower fee for C&D loads at County operated C&D material sorting facilities) with some sort of certification program. If you pass the certification you get a lower disposal rate.
- #7 refers to a centralized anaerobic digestion. #8 refers to decentralized processing of organics. Some SWAC members would consider transfer stations to be a centralized model rather than decentralized.
- The division deliberately limited the scope of the study to things that were within the control of the division.
- #5 would ask a private industry to operate a diversion program at the existing transfer stations. Upon initial review this is unlikely to be economically feasible because such a large percentage would need to be diverted for this to pay for itself.
- #16 is intended to invite others to respond to an RFP to identify their interest in a portion of the waste stream. The division may choose to accept one, some or none of the proposals.
- #10, 11 & 12 – the consult does not recommend that the division take these on by themselves but rather partner with private industry
- Consider convening a task force with knowledge of the technologies and access to the numbers to help the division with this work. Schmidt-Pathmann volunteered to serve on such a group. The group could also help to evaluate RFPs received in response to #16.
- Consider expanding #16 to include large scale thermal processing as is currently being used in the City of Los Angeles.

SWAC agreed that the division should pursue #16 soon. The evaluation criteria for the RFP would include environmental control issues.

Open Forum

There was no comment during open forum.