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EAST-WEST GATEWAY
Council of Governments
Creating Solutions Across Jurisdictional Boundaries

AGENDA
WATER RESOURCES ADVISORY COMMITTEE
Thursday, February 4, 2021
10:30 AM – 12:00 PM
VIRTUAL MEETING - GoToMeeting

DUE TO COVID-19 OUTBREAK, EAST-WEST GATEWAY'S OFFICES ARE CURRENTLY CLOSED TO THE PUBLIC AND WILL BE UNTIL FURTHER NOTICE

You can listen, talk, and/or view the meeting via:

Computer - https://global.gotomeeting.com/join/839034973
Access code for meeting through computer: **839-034-973**

Or Phone - +1(872) 240-3212

1. CALL TO ORDER - Carol Lawrence, Chair, East-West Gateway Council of Governments

2. DISCUSSION ITEMS

   A. Mississippi River Plastics Pollution Initiative
   - Jennifer Wendt, Mississippi River Cities and Towns Initiative

   B. WATER Institute
   - Amanda Cox, St. Louis University

   C. Urban Waters Program Update
   - Mary Grace Lewandowski, East-West Gateway Council of Governments

3. OTHER BUSINESS/ANNOUNCEMENTS

   A. Report from OneSTL
   - Aaron Young, East-West Gateway Council of Governments

4. ADJOURNMENT

Gateway Tower
One Memorial Drive, Suite 1600
St. Louis, MO 63102-2451

314-421-4220
618-274-2750
Fax 314-231-6120

webmaster@ewgateway.org
www.ewgateway.org

Minutes

Regional Water Resources Advisory Committee
Thursday, October 1, 2020
10:30 am – 12:00 pm
Virtual Meeting - East-West Gateway Council of Governments

Attendees:
Carol Lawrence, Chair – East-West Gateway Council of Governments
Laura Madden – Phoenix Consultants
Myra L. Jackson – Global Life Foundation
Todd Miller - Missouri Department of Transportation
Timothy Ganz – Missouri American Water Company
Steven Brendel – Madison County Stormwater Management
Barbara Charry – The Nature Conservancy
Rebecca Losli – Metropolitan Sewer District
Bonnie Harper – Open Space Council

If you attended this meeting, please let us know and we will update the minutes.

Staff:
Mary Grace Lewandowski Jennifer Vuitel Aaron Young Maureen McCarthy

1. CALL TO ORDER

The virtual meeting of the Regional Water Resources Advisory Committee (WRC) was called to order by Chair Carol Lawrence, East-West Gateway Council of Governments (EWG). Those attending introduces themselves.

2. DISCUSSION ITEMS

A. Honoring the Great Rivers – Global Freshwaters Summit April 23 – 25, 20201 at the Missouri History Museum
- Laura Madden, Phoenix Consults
- Myra Jackson, Global Being Foundation

Ms. Madden and Ms. Jackson are the community and global planning leads respectively for the Global Freshwaters Summit. Ms. Jackson spoke about how we are coalescing all human movements working on behalf of restoring our relationship with Nature and with one another. There is a link to the degradation we see in Nature and the inequities that undermine the world. In lead up to the Global Freshwater Summit next year, we will honor organizations already working to transform our world and link arms by turning toward the mighty Mississippi River from its headwaters in Minneapolis to its merge into the Gulf of Mexico from Summit to Sea.

The Global Freshwater summit will convene in the historic confluence city of St Louis where the great rivers Mississippi and Missouri merge. The Missouri History Museum is a primary partner of the Global Freshwater Summit and will host the three-day summit. Citizen diplomats from

the 124 riparian communities along the Mississippi and representatives from Sovereign Nations will be invited.

The summit aspires to restore the people's relationship with the precious freshwater biomes across the globe by forging a new social contract to care and protect the living waters. We are going to have a People's Resolution Honoring the Great Rivers. The Zero Draft of the resolution was penned by Marsha Moutrie, Senior Advisor, Earth Law Center (ELC) who was formerly city of Santa Monica attorney and marked up by Grant Wilson, Executive Director of ELC, Ms. Madden who is an Advisor to the Mayor of Woodson Terrace, MO, and Ms. Jackson, founder of the Global Being Foundation. During the course of the summit, the citizen diplomats from the 124 riparian communities along the Mississippi and the region will deliberate on the final language of the People's Resolution, endorse and adopt it in a signing ceremony on April 25, 2021.

Our work in lead up to the summit is to activate three primary civic spaces where people can gather to learn, break bread together, exchange wisdom, etch out their shared values, and discover ways of living in harmony with Nature. They are: Museums, Libraries, and Farmers Markets. Commons spaces where the people's business can be meted out and measured by the wellness of people and the planet.

Our summit partners include local organizations active in protecting the environment, social justice, food systems, gender equity, indigenous rights, river rights, poverty, health, education, climate change, and New Economic approaches, etc. Restoring the Earth depends on their success, depends on our success.

This information and more can be found on the Summit's website at http://globalfreshwaterssummit.org/index.html

B. Use of Salt in Roadway Treatment

- Todd Miller, Missouri Department of Transportation

During a response to winter weather safety is the first priority. In December 2016 there were 12 fatal crashes that caused 15 fatalities total. Road salt plays an important role in winter road safety but there are efforts to reduce the amount of chloride applied to the roads in order to make the application more efficient and less harmful to the local waterways. Chloride reduction efforts include: reducing application rate; calibrating salt application equipment; using agricultural byproducts such as beets; using magnesium chloride which is less corrosive; using anti-icing tactics, modifying spreader locations on trucks to use less salt more efficiently, and better coordinating the winter weather response. The following table more specifically illustrates the operational efforts taken to reduce chloride application rates.

Table 133.5.3.6.3 Type 3 Winter Event: 1 – 6 in. of snow/frozen precipitation in 24 hours OR a trace to 1/2 in. of ice

Continuous Operations Routes

Pavement Temperature Range and Trend	Initial Operation				Subsequent Operations					Comments
	Pavement surface at time of initial operation	Maintenance action	Salt spread rates		Maintenance action	Salt spread rates				
			Pre-wetted solid salt (lb/lane-mile)	Brine (gal/lane-mile)		Pre-wetted solid salt (lb/lane-mile)		Brine (gal/lane-mile)		
						Light snow	Heavier snow	Light snow	Heavier snow	
Above 32° F, steady or rising	Dry, wet, slush or light snow cover	None, see comments	-	-	None, see comments	-	-	-	-	**1)** Monitor pavement temperature closely for drops toward 32° F and below. **2)** Treat slick patches if needed with pre-wetted salt at 100 lb/lane-mile or brine 44 gal/lane-mile; plow if needed.
Above 32° F, 32° F or below is imminent; *ALSO* **20° to 32° F,** remaining in range	Dry	Apply brine or pre-wetted salt	100	44	Plow as needed, reapply brine or pre-wetted solid salt when needed	100	200	44	88	**1)** Applications will need to be more frequent at lower temperatures and higher snowfall rates. **2)** Do not apply brine onto heavy snow accumulation or packed snow. **3)** After heavier snow periods and during light snowfall, reduce salt rate to 100 lb./lane-mile or 44 gal./lane-mile brine; continue to plow and apply salt as needed
	Wet, slush, or light snow cover	Apply brine or pre-wetted salt	100	44						

C. Effort to Have the Lower Meramec River Identified as a Priority Watershed

- Timothy Ganz, Missouri American Water Company

Mr. Ganz serves on a technical work group of the American Watershed Group to identify potential areas/projects for source water protection funding. Funds would come from the Regional Conservation Partnership Program (RCPP) administered by the Natural Resources Conservation Service (NRCS). This RCPP program is included in the Farm Bill and is driven through state conservation agencies and land owners. Their goal is to target funds for source water protection through conservation protection and working with state technology groups to identify areas such as the lower Meramec and suitable projects. Missouri American Water is looking for input on potentially suitable projects.

3. OTHERBUSINESS/ ANNOUNCEMENTS

A. Report from OneSTL

- Aaron Young, East-West Gateway Council of Governments

The September 29 OneSTL virtual Sustainability Lab, hosted by the Biodiversity Working Group, focused on the BiodiversityStLouis progress report and initiatives of the regional biodiversity network. The meeting was recorded and posted on the OneSTL Facebook page. The

next Sustainability Lab will take place virtually on October 27 and will be hosted by the Energy and Emissions Working Group. There will be updates on clean energy, renewable energy, and energy efficiency.

Great Rivers Greenway announced that later this month the Rive des Peres Trash Bash will be held over October 24 -31.

4. ADJOURNMENT

There being no other business, the meeting was adjourned. The next meeting of the Water Resources Advisory Committee will be announced at a later time.