

**Georgetown Wet Weather Treatment Station  
Design Advisory Group**

**Meeting Summary**

***February 18, 2016 6:00 – 8:00 p.m.***

***South Seattle College Georgetown Campus, 6737 Corson Avenue South, Seattle***

**Overview**

On February 18, 2016 the King County Wastewater Treatment Division (WTD) hosted the sixth Design Advisory Group (DAG) meeting for the Georgetown Wet Weather Treatment Station.

Topics for the February 18 meeting included:

- Presenting the facility's conceptual design
- Sharing updates on the 1% for Art program
- Discussing future design options
- Discussing next steps

**Welcome and Introductions**

Meeting facilitator Penny Mabie welcomed everyone and led a round of introductions. Penny reviewed the meeting purpose, ground rules and agenda.

**Public Comment**

No public comment was given at this time. Members of the public in attendance held comments until the comment period at the end of the meeting.

**Community Outreach Update**

Kristine Cramer, King County WTD Community Outreach, shared information about the County's outreach efforts since the last meeting in July, 2015. Efforts included:

- Near neighbor outreach to more than 100 businesses and residents around the site in conjunction with the Environmental Coalition of South Seattle (ECOSS).
- Outreach to Martin Court to gather input on facility design, including a presentation at their community meeting in November and inclusion of the Martin Court Case Manager, Kyle Foerster, on the DAG.
- Development of an Equity and Social Justice Action Plan.
- Working with partner organizations to create opportunities for the neighborhood, such as exploring a WaterWorks grant with the Georgetown Community Council and the City of Seattle to improve water quality and river access.

### **30% Design Update, 1% for Art and Integration of Design Guidelines**

Mark Johnson, Signal Architecture + Research Project Architect, and Jonathan Morley, Berger Partnership Landscape Architect, presented the 30% conceptual design for the facility, highlighting integration of the advisory group’s design guidelines. In addition, Charles Blanc and Tristan Surtees, Sans Façon Combined Sewer Overflow (CSO) Master Plan Artists, shared inspiration for the CSO Master Plan art program, as well as the Georgetown site.

After sharing the designs, Mark and Jonathan took questions from the DAG.

- DAG member Angielena Chamberlain asked if there would be a green wall on the site.
  - Jonathan said that the designs do not include a green wall, but greenery is incorporated throughout.
- DAG member Sherell Ehlers asked where the luminous panels would be located.
  - Mark said that these panels would be located on the regulator and processing building on East Marginal Way South, as well as the wall of the building on South Michigan Street.
  - Angielena said that she liked that the luminous panels would signal facility operation and appreciated that safety would be considered when selecting the color and types of lights.
- Alberto Rodriguez, alternate for DAG member James Rasmussen, asked whether the room on the corner of South Michigan Street and 4th Avenue South would be available for community use. He noted that community spaces that are available currently (e.g., South Seattle College) are very expensive.
  - Kristine said that this space would be available for King County wastewater education, which may include use by community members through specific education programs. The County is trying to be thoughtful about how to use the space in a meaningful way for the people that live and work in Georgetown.
  - Angielena noted that the team should continue to push for making this space available for community use.
  - Michael Popiwny, King County WTD Project Manager, said that the team explored this option, noting that there are significant challenges to allowing access to this space when King County staff are not present. Should add something here that the space could be used in conjunction with a “Susan Tallarico event.”
  - Sherell noted that NeighborCare at Old Georgetown City Hall provides an alarm code and key for unstaffed community use of their space.
  - Mark added that the space cannot be used during wet weather events as King County staff will be using it. As those events are unpredictable, it adds complexity to scheduling for community use.
  - DAG member Vicky Hardy said that King County staff would need to be present to handle technical issues during events in the community space. She also noted that regardless of how this space is used, the windows should be designed to keep traffic noise low and heat down in the room.
- Vicky shared that the College landscaping requires minimal maintenance and includes some native and some adapted plantings. It could serve as an example for the facility’s landscaping.

- Alberto asked how the facility and outfall would fit into existing wastewater infrastructure. He also noted that the outfall is located very close to the Muckleshoot Tribe's fishing area.
  - Michael Popiwny said that the facility will be hooked up to existing pipes that run along South Michigan Street and East Marginal Way South. This site allows for short conveyances and reduces disruption to the community during construction. Michael also noted that the County is working directly with the Muckleshoot Tribe to understand their use of the area near the outfall for fishing and parking.

### **DAG Discussion of Design Options**

Mark and Jonathan led a discussion of future design options, including fence character, planting concepts, accent colors for the facility and building siding materials.

#### Fence character

Mark reviewed several different fence character options, including bar grating, a woven pattern, or a z-folded pattern. See slide 97 of the presentation for details. Mark said that the fence character options would be used along the community edges (i.e., South Michigan Street, 4th Avenue South, and a small portion of fencing near the regulator on East Marginal Way South). Other areas of the facility out of the public's view would be fenced using utilitarian fencing (e.g., chain link).

- Angielena said that the z-folded pattern resembles the roof pattern. She also asked whether the Nu-Wave siding pattern could be duplicated in the fencing, indicating a preference for a consistent style throughout the facility.
- Vicky noted that she prefers the woven or folded pattern because bar grating attracts garbage, which commonly blows around Georgetown because of the nearby City of Seattle Transfer Station.
- DAG member Allan Phillips noted that his primary concern is graffiti and he believes that all of these design options will work to reduce graffiti issues.
- Sherell indicated a preference for the woven fencing so that the sunlight can be reflected through the openings.
- Michael Lewis, alternate for DAG member Cari Simpson, suggested that the style should reflect Charles and Tristan's water concepts. He also concurred with Allan's comments about graffiti.
  - Mark noted that the team could use a preventive coating.
  - Allan added that preventive coating does not work well on the hat and boots at Oxbow Park. He keeps paint on hand and paints over any graffiti.

#### Planting concepts

Jonathan presented two plant palette options. The first option is all native plants and the second option is adapted plants, which includes non-natives or variants of natives that perform well in this area. See slide 98 of the presentation for details. Jonathan said that these planting concepts would be used at both the facility and the outfall site.

- Vicky said that plants that will live well in that environment should be chosen. She would like to see something that will grow quickly.

- Michael Lewis said that the adapted concept should be used, but the team should keep an eye out for native plants that provide attributes beyond air quality. He also added that adapted plants can sometimes become invasive.
  - Jonathan added that the landscape can incorporate both concepts (e.g., Garry oak with adapted ground cover).
- Alberto shared that he is usually in favor of native plants, but the Greater Duwamish District Council is currently working to improve air quality, so that should be a focus.
- Sherell said that she is in favor of native plants, but plants with air quality and stormwater attributes should be favored.
- Allan and Angielena said that if the air quality attributes are similar, they would prefer to see native plants.

Penny confirmed with the group that she heard a bias for native plants, but that adapted plants should be considered if there is a dramatic difference in air quality or other favorable attributes.

#### Accent colors

Mark presented four different options of color palettes for accent coloring. The four color palettes were in the following color gradients: yellow to orange, blue to green, orange to purple, and dark gray to light gray. See slide 99 of the presentation for details. Mark said that these colors would be used as accents on piping or stairwells throughout the facility. Some of the facility equipment (e.g., storage tanks) have a coating that cannot be colored. He indicated that different colors could be used on different pieces of the facility or that a range of color within color families could be used.

- Sherell asked if these colors would also apply to the light panels that would indicate facility operation.
  - Mark said that these colors would not apply to the light panels. He noted that those panels would likely glow blue for safety reasons.
- Angielena expressed a preference for the orange to purple gradient. She noted that the darkest orange would work well with rust colored fencing, but added that it might be too bright.
  - Sherell asked what color the fence would be.
  - Jonathan said that fence color depends on the type chosen but that it might be possible to add accent colors on fence posts.
- Vicky said that the colors should be subtle and tasteful, and expressed a preference for colors in the middle of any of the color families.
  - Allan added that many colors in the area are gray-toned and that the team should not be afraid of bright colors. He also noted that the group has expressed that they appreciate sunset colors, which are in these ranges.
- Sherell expressed a preference for the orange to purple gradient, noting its playfulness.
- Michael Lewis noted that he liked the yellow to orange gradient.

Mark indicated that that team would look at orange colors from the yellow to orange family and the purple to orange family.

#### Building siding materials

Mark and Jonathan discussed several patterns for building siding, including vee, Nu-Wave and wide channel. See slide 100 of the presentation for details. Mark and Jonathan said that these materials would be used as siding on the buildings directly adjacent to the sidewalk, as well as other buildings throughout the facility.

- Vicky and Allan expressed a preference for the Nu-Wave type, noting that rainwater will wash it clean.
- Sherell also expressed a preference for the Nu-Wave type, noting its softness.
- Angielena expressed a preference for the vee type because of its homage to Native cultures, but also said that she liked the Nu-Wave type.

### **Public Comment**

- Mike Middling, CalPortland, asked about the size of the site.
  - Michael Popiwny indicated that the site is approximately 2.5 acres. He added that there will be a large underground storage tank. The team had to design the facility very efficiently to get it to fit on a site of this size.
- Antonio Cornelius, community member, asked what type of sustainable considerations (e.g., solar panels) went into the design.
  - Mark noted that the design includes cisterns to capture rainwater and that the County is pursuing Envision Platinum for the site, which requires that the site be solar ready. Local code requires that there be a small demonstration solar panel on the site. He said that the County is pursuing a grant for additional solar panels at the site, which could generate up to 8 MW. He also noted the vegetated roof.
  - Michael Popiwny added that the processing building will be built at surface level, which reduces the amount of soils that will need to be excavated. The foundation will use an auger system, which also requires little soil excavation.
  - Vicky requested that the County develop a fact sheet about the sustainable elements of the project.
- Allan Phillips, DAG member, said that the Taco Time site should not be sold back after construction and should be kept as community green space. He noted that Georgetown lacks community green space and that the site should not be sold due to costs. He requested that the County make a decision about the site before the next DAG meeting and if no decision is reached prior to the meeting, he plans to resign.
- Angielena Chamberlain, DAG member, also noted that the County should keep the site as green space. She shared that it would be unfortunate for an industrial building to go on the Taco Time site that is not complementary to the character of the community. She also thanked the team for making the vegetated roof accessible for learning opportunities.
- Sherell Ehlers, DAG member, agreed with the request for open space. She also indicated that the art should be whimsical and playful to match the character of Georgetown and that purple is her preferred accent color for that reason.
- Alberto Rodriguez, alternate for DAG member James Rasmussen, thanked the team for working to get the community access to the meeting space and also supported keeping the Taco Time site as green space. He stated that the community is ready to fight for access to these spaces and requested that the team let him know who to talk to.

Michael Popiwny said that the team will take these concerns back to County management and continue the discussion on these issues.

**Next Steps and Action Items (see table for details)**

Kristine and Michael Popiwny thanked the DAG for their participation and input. Kristine also shared that the team plans to conduct briefings with community groups in the coming months, and that she will be following up with DAG members individually to discuss next steps.

Michael outlined next steps for the design team, including working toward 60% design in October 2016. Preparation for construction will begin in early 2017.

In addition, Cath Bruner, 4Culture, shared that 4Culture plans to host an “evening of art” in the spring to share the CSO Master Plan and information about the commissioned art piece for the Georgetown site, as well as information about opportunities for local artists. The commissioned piece will focus on the concept of a “monument to rain.”

- Sherell asked where the commissioned art piece would be located.
  - Cath noted that the team is still in the early stages of the planning process and has not yet selected a location.
- Angielena expressed interest in the art piece and the CSO Master Plan. She also indicated that it would be great if the Georgetown site could incorporate opportunities for local artists.

**Attendance**

Design Advisory Group Members

Alberto Rodriguez (alternate for James Rasmussen)  
Allan Phillips  
Angielena Chamberlain  
Michael Lewis (alternate for Cari Simpson)  
Sherell Ehlers  
Victoria (Vicky) Hardy

Public

Mike Middling, CalPortland  
Antonio Cornelius, community member  
Jeff Mitsopoulos, community member

King County

Michael Popiwny, Project Manager  
Will Sroufe, Deputy Project Manager  
Kristine Cramer, Community Relations  
Sonia-Lynn Abenojar, Project Manager

EnviroIssues

Penny Mabie, Facilitator  
Chelsea Ongaro, Notetaker

Signal Architecture + Research  
Mark Johnson, Project Architect

Berger Partnership  
Jonathan Morley, Landscape Architect

Sans Façon  
Charles Blanc, CSO Master Plan Artist  
Tristan Surtees, CSO Master Plan Artist

4Culture  
Cath Brunner

Miller Hull  
Jake LaBarre  
Scott Wolf

Pending - on hold

In progress

Complete - results still need to be shared

Closed

Ongoing

Last updated: February 23, 2016

Task	Date Assigned	Due	Status	Response
Share with appropriate staff at KC that the Georgetown community is very interested in Rainwise	1/29/15 - DAG #1		Complete	Kristine proposed partnering with Georgetown Community Council on a WaterWorks grant proposal get RainWise in Georgetown. Sherell brought it to the GCC Directors.
Gather information on the facility's technology and the decision making process for using the selected technology. Share information with the DAG.	1/29/15 - DAG #1		Closed	Information shared via email and at DAG #2 on February 12. Information can be shared via small group meeting by request.
Use both Georgetown listserv and Georgetown Gazette for communications	Ongoing	1/22/15 2/5/15 3/5/15 6/15/15 6/22/15 7/22/15 2/16/16	Ongoing	Complete for DAG #1 Complete for DAG #2 Complete for DAG #3 Complete for DAG #4 Complete for Online Open House and In-Person Open House Complete for DAG #5 Complete for DAG #6
Send e-alert Monday following DAG meetings	Ongoing	2/2/15 2/16/15 3/16/15 6/22/15 8/3/15 2/22/16	Ongoing	Complete for DAG #1 Complete for DAG #2 Complete for DAG #3 Complete for DAG #4 Complete for DAG #5 Complete for DAG #6
Develop strategy/schedule to brief community groups (GCC, etc.) during DAG process. Share and coordinate strategy with the DAG.	1/29/15 - DAG #1	5/21/2015	Closed	The team confirmed their strategy with the DAG at DAG #3 and conducted briefings throughout June.
Update Charter text to include "programmatic and aesthetic design"	1/29/15 - DAG #1	2/9/2015	Closed	Shared revised charter with DAG at DAG #2. Posted to the website.



Task	Date Assigned	Due	Status	Response
Define primary treatment and advanced primary treatment. How are they different?	1/29/15 - DAG #1	2/9/2015	Closed	Advanced primary treatment has more advanced solids settling technology as compared to standard primary treatment. Coagulants and flocculants are added to the treatment process to accelerate the solids settling process.
Find additional specifics on what is coming into the facility (stormwater, water runoff, industrial waste, residential sewage, etc.).	1/29/2015		Closed	<p>Currently, overflow events average 75% stormwater and 25% sewage. After the treatment station is built, the one allowed CSO is projected to be 95% stormwater and 5% sewage. This is because that one event per year (on average) accounts for the biggest storms, with the most stormwater entering the system, in comparison with current overflows which can occur with smaller amounts of rain.</p> <p>King County has an industrial waste program that supports industry and business in meeting federal regulations for the discharge of industrial waste. Industries along the Duwamish, such as metal plating businesses and Boeing's North Field, must go through stringent pre-treatment before they can discharge their waste into the sewer system. These businesses are inspected at least annually to ensure compliance. So most industrial waste that would reach the Georgetown Wet Weather Treatment Station has already been treated. There is no additional treatment planned at the station. For more information on King County's Industrial Waste Program, visit <a href="http://www.kingcounty.gov/environment/wastewater/IndustrialWaste/Regulations.aspx">http://www.kingcounty.gov/environment/wastewater/IndustrialWaste/Regulations.aspx</a>.</p>
Develop technical FAQs and post to the project website	2/12/2015		Complete	Posted to the Georgetown WWTS library webpage: <a href="http://www.kingcounty.gov/environment/wtd/Construction/Seattle/BrandonMichiganCSO/Library.aspx">http://www.kingcounty.gov/environment/wtd/Construction/Seattle/BrandonMichiganCSO/Library.aspx</a>
Finalize and post DAG charter to the website	2/12/2015		Complete	

Task	Date Assigned	Due	Status	Response
Share information with the DAG about how large the facility will be and how much space will be leftover for public use	2/12/2015	3/12/2015	Complete*	*Complete based on site P-13 discussions
Bring a map of the area with pictures of adjacent terrain to the next meeting to support accessibility of site discussion.	2/12/2015	3/12/2015	Complete*	*Complete based on site P-13 discussions
Is there a way to improve connections to the site?	2/12/2015		Ongoing	City of Seattle and King County held coordination meeting 7/30/2015 and 9/21/2015. Follow up is on-going.
Is the City of Seattle interested in a south end skate park? Is there a way to partner with the City?	2/12/2015		Complete*	City of Seattle and King County held coordination meeting 7/30/2015 and 9/21/2015. *Complete based on site P-13 discussions.
Develop draft design guideline themes and share with DAG members via email for revision and approval	2/12/2015	2/20/2015	Complete	
Send the Equity and Social Justice Ordinance to the DAG	2/12/2015	3/12/2015	Complete	
Review summaries for mention of a facility that is economically sustainable in design guidelines	5/21/2015	6/18/2015	In progress	Reviewed flipchart notes and DAG Meeting 2 Summary and did not find mention of an economically sustainable facility. Design Guidelines were updated accordingly.

Task	Date Assigned	Due	Status	Response
Update and share the design guidelines with the DAG	5/21/2015	6/18/2015	Complete	Design Guidelines were shared and approved at DAG #4
Follow up with DAG members about public meeting locations	5/21/2015		Complete	Meeting took place at the South Seattle College Georgetown Campus on 6/23/2015
Consider alternate shapes for the processing building (round vs. square)	6/18/2015	7/30/2015	Complete	It would be challenging to change the building shape and meet treatment requirements. However, the team presented an idea for making the perimeter fence rounded at DAG #5.
Consider request to maintain the Taco Time site after construction to provide more public open space for Georgetown	6/18/2015	7/30/2015	Complete	Project team brought this information back to management; waiting on management decision (3/17/16)
Consider request to make the operations building two-stories to include community space or space for lease; commit to seeking partners to fund a dual-purpose building	6/18/2015	7/30/2015	Complete	All operations and maintenance for the treatment station can fit into one story, and building a second story is cost prohibitive since it's not needed for direct treatment station operations.
Bring printed copies of the project newsletter to the South Seattle College Georgetown Campus for distribution	6/18/2015	7/7/2015	Complete	Kristine and Kerri delivered newsletters to the South Seattle College on 7/7/2015.
Develop a plan with details about operations and management of a potential community meeting space.	7/30/2015		In progress	WTD Education Group will use the space in conjunction with its partners to provide stormwater education in the area
Connect with Martin Court housing to discuss design preferences	7/30/2015		Complete	Kristine met with Lynn with the Low Income Housing Institute (LIHI) and DAG member Allan Philips on 8/31/2015 to discuss Martin Court. Lynn put Kristine in touch with Kyle Foerster, who agreed to join the DAG. Kristine and Chelsea attended the Martin Court Community meeting on 11/19/2015 and shared information about the site.
Connect with Prologis to suggest the possibility of purchasing and donating the Taco Time site for public use.	7/30/2015		Complete	Michael reached out to them with this message.
Meet with other agencies to discuss the intersection of projects in the Georgetown area.	7/30/2015		Complete	King County met with the City of Seattle on 9/21/2015.

Task	Date Assigned	Due	Status	Response
Share the King County WaterWorks Grant Program information with DAG members.	7/30/2015		Complete	Kristine shared information about the WaterWorks grant via email on 8/10/2015.
Reach out to community groups to provide updates in the Fall	7/30/2015		Complete	Kristine reached out to groups and briefed the Georgetown Community Council on 11/16/2015.
Connect with Mike Winters, property owner, about displaying project information at his business.	7/30/2015		Complete	Mike has approved project information on his site.
Connect with Emilie Shepherd about briefing the Georgetown Merchants Association.	2/18/2016		Complete	Briefing scheduled 4/6/16
Connect with DAG members about next steps for the group (i.e., DAG Meeting #7).	2/18/2016		In progress	
Share continued interest in community space at the facility with King County WTD management.	2/18/2016		In progress	
Develop a fact sheet about the sustainable elements of the Wet Weather Treatment Station	2/18/2016		In progress	
Share the DRAFT Equity and Social Justice Action Plan with the DAG.	2/18/2016		In progress	