

Design Advisory Group Meeting 3 Summary
King County Solid Waste Division

Algona City Hall, 200 Washington Blvd, Algona, WA 98001

Thursday, May 30, 2019

6:00 pm – 8:00 pm

Attendees

Design Advisory Group:		
Diana Quinn	Leanne Guier	Rob Van Orsow
Tina Scoccolo	Joan Nelson	Dawn Dofelmire
King County Solid Waste Division and Design Team:		
Doug Chin	Neil Fujii	Mary Shanks
Marcia Wagoner	Anna Snyder Kelly	

Introductions

- Individual Design Advisory Group members introduced themselves to Doug and noted why they want to participate
- One interested City of Algona resident attended the meeting as an observer
- Doug was introduced to the group

Project Updates

- Project Description
- General project updates
- Factoria Tours
 - Ran 2 tours
 - Family of 3 visited Factoria and were pleased by the minimal noise and odor outside the building
 - Eddy Chu toured with other Muckleshoot Tribal Members
- Online Open House
 - 719 views
 - 344 responses - 100% of respondents would use the new station
 - 155 comments
 - Top concerns included
 - Traffic
 - Wetlands and Algona Creek Tributary
 - The most responses came from people who live in unincorporated King County (31%) or selected 'other' (31%). People who selected 'other' may be property owners in the area but live elsewhere.
 - The community benefits that have the most interest are:
 - Apprenticeship/Employment opportunities – King County is looking into this as part of the ESJ efforts
 - Environmental education component– there's a possibility of incorporating an environmental education element in the design

- Equity and Social Justice activities
 - The online open house is available in four languages (English, Spanish, Korean, and Russian) and is open through June 2nd
 - Exploring workforce opportunities for family wage jobs
 - Leanne Guier mentioned that she works with a pipe-fitters' union that has a community workforce agreement
 - Pacific is interested in hosting a job fair about the job opportunities the new station will create and opportunities for apprenticeship programs for careers.
 - ESJ plan incorporates sustainability elements
- Preliminary 3D views of preferred layout
 - Transfer trucks
 - Tina Scoccolo asked about how many transfer trucks she could expect every day. There will be 10/day to start and may go up a bit over time. The trash compactor will allow there to be fewer daily trips than there are currently
 - Erosion
 - Tina also noted that there are erosion control issues where the new access/egress is located (at the south end of the site).
 - The slope behind the site has had multiple slides in the last 17 years, especially the slope northwest of the site on City of Auburn's property.
 - Tina noted there are a number of ways to respond to this, such as spraying compost, placing straw waddles, and planting native plants.
 - There was interest in retaining walls on the site (where they would be and what their dimensions would be). Mary said the site civil design is being done now and we are not sure where retaining walls will be required. At a minimum, a wall will be needed at the shared entrance and to separate the trailer yard from the transfer station.
- Sustainability certification information
 - Living Building Challenge requires 105% renewable energy production. How will we reach this goal?
 - Maximize the amount of productive solar panels on the roof
 - Looking into potential solar cladding
 - Reduce energy demand through efficiency (choice of materials, energy saving changes in operations, taking advantage of natural light, etc.)
 - Any remaining energy production required would take place off site
 - Net Positive Waste is also required as part of the Living Building Challenge
 - Maximize demolition debris diversion (recycling or reusing)
 - 70% of materials disposed of at Cedar Hills Regional Landfill have value or could have been reused, recycled, or composted

Ongoing Studies Based on Preferred Layout + Q&A

- Geotechnical
 - Borings showed silty sand and gravel at shallow depths and glacial outwash at deeper levels
 - A small section of peat was discovered near the West Valley Highway
 - There is shallow ground water on the site. This will need to be addressed by the design, especially where we are not filling.
 - Boring wells are being monitored for water levels through the end of the year.
- Traffic
 - A count of cars was conducted to update the EIS work. This count shows whether the vehicles were moving north or south but not how they got to the highway/where they're coming from.
 - Traffic models are being made looking at entrance location, future use, and population change.

- The site of the current station will be deeded over to City of Algona after the new station is operational. Future use has not been determined. The City's determination will affect future traffic in the area. Currently, our traffic models assume the site will have retail, the land use that draws the highest volume of traffic.
- Left-hand turn lanes will be added and potentially a right-hand turn/slow lane at the facility entrance
- Traffic models considered options with and without a traffic light at the station entrance
- Main concern is avoiding backups on West Valley Highway.
 - Self-haulers are 80% of customers to the site. They tend to come during the weekend which avoids the peak weekday traffic on West Valley Highway.
 - Commercial haulers come to the station on weekdays right as it opens at 7 am, around 10 am, and around noon.
- Visual traffic simulation model will be ready at the next meeting and will be presented to City of Algona in June.
- Cultural resources
 - Probes looking for artifacts or signs of artifacts were completed. Observations were also made during geotechnical borings done outside the former gravel pit. None were found.
 - Neither of the two existing structures on the site appear to be eligible for historical designation. Neither structure is of architectural importance or has a tie to the history of the region based on historic maps.
- Noise
 - Three days in March spent collecting ambient noise data in six locations: in the residential neighborhoods to the west of the site, on the site slopes west of the buildable area, and at the end of residential streets just east of SR 167.
 - Will compare existing noise to a model of expected future noise in decibels.
 - Modeling of future noise is based on knowledge of what machinery will be used, building openings, awnings, etc.
- Critical areas, Algona Creek Tributary and Wetlands Update
 - Considering impacts both up- and down-stream
 - On site meetings with the United States Army Corps of Engineers (Corps) and Washington Department of Fish and Wildlife (Fish and Wildlife) went well.
 - We discussed potential options for routing the stream. While the option from last meeting complies/aligns with the Corps' requirements, all parties agreed that routing the stream to the north provides better wildlife habitat and is the best option for an open stream.
 - The Corps will be going out to the site to confirm our team's findings.
 - Fish and Wildlife was happy to see that the stream design will be suitable for fish habitat if the site becomes accessible to fish. Underpasses on the site and under West Valley Highway will be designed to be fish passable.

Next Steps

- Design Advisory Group Meeting Schedule
 - There was a comment that meetings will be more valuable if we conduct them only when we have significant updates in data or drawings.
 - The project team will be in touch early August about whether we have updates ready for the August meeting. At this time we will determine whether the meeting will be on the 22nd, the 29th, or moved to a later time.
 - Tina will be out of town most of September.
- What issues, inquiries or interests should we discuss at Design Advisory Group Meeting 4?
 - Need to see and understand the flow of traffic through the site. A clear wayfinding system for users is essential. The low tech option of painting different colored lines on the roads was well received (i.e. 'follow the blue line for recycling')

- What materials would better inform Design Advisory Group members and help them share information with the community?
 - Tina is interested in getting design drawings in advance of meetings. This includes site layouts, drainage, mechanics, elevations, grading, traffic flows, relocated streams, habitat buffer, etc. Tina is also interested in the exterior of the building.
 - The group would like a PDF of the PowerPoint
- Outreach
 - Algona Days is the first Saturday in August and the Pacific Police Open House is the first Friday in August.
 - The best materials for these events would be picture boards, not screens, showing modeling and site plans both in plan view and as 3D renderings. The boards are a teaching tool.
 - There is a new name for hazardous waste that better describes what it is: moderate risk waste
 - People are excited about the opportunity to dispose of large quantities of lawn waste and for recycling to be more convenient.
 - Dawn noted that the timing of the Factoria tours may have been part of the issue with attendance.