

WTP Construction Update: Meeting Summary



Meeting number: 007

Date: Tuesday, December 3, 2013

Time: 7:30 a.m. – 8:00 a.m.

Location: Burgerville, 18350 Willamette Drive, West Linn

Facilitator: Eryn Deeming Kehe - JLA

Attendees: Seven treatment plant neighbors, one City of West Linn Councilor and one representative from the City of West Linn Public Works Department attended the meeting.

Project team staff:

Dennis Koellermeier – City of Tigard

Christian Colman – Slayden Construction Group

Katy Fulton – City of Lake Oswego

Ron Candell – Slayden Construction Group

Tom Lebo - Brown and Caldwell

I. Welcome & introductions

Eryn welcomed everyone to the meeting. Attendees introduced themselves, their roles or their locations in the neighborhood. Eryn outlined the agenda for the meeting and referred to the participation guidelines and Partnership goals displayed on flipcharts that were presented at the previous two meetings.

II. Today's topics of interest

Eryn asked the attendees what topics they wished to discuss at the meeting. The brainstorm of topics included:

- 1) Ongoing concern about lighting at the water treatment plant
- 2) City of West Linn's water pipeline project – request for more information about start dates and holiday scheduling. Request for a West Linn staff member to be available at the next neighborhood meeting for Q/A.
- 3) Street cleaning – request for feedback on previous action item

Discussion is included in Sections III-V below.

III. Three Week Look Ahead

Christian indicated that recent work at the site has involved drilling piles in the bottom of the clearwell. 25 piles are now installed, which is about 10% of the total.

This week, crews will continue drilling auger cast piles in the clearwell and begin assembling the 150 foot tall tower crane on the east of the site. Christian mentioned there is an adjustment to the three-week look ahead, with the lime silo (white cylindrical tower) demolition and removal now scheduled for this week instead of the week of December 16. A 300 ton crane will remove the silo, place it onto a lowboy trailer and remove it from site after 9am on Friday. Work is also continuing on installing shoring piles and excavating the area in the clearwell for the finished water pump station.

There will be an increase in concrete trucks arriving to and from site as work continues for the clearwell and water pump station.

The three week look ahead can be found [here](#).

IV. Updates on previous action items

Katy and Christian provided updates on the action items from the previous meeting, listed below.

Item #	Question or concern	Response or comment
6.3	Request for street cleaning more often than once a week – muddy sheen along Kenthorpe	<i>Report back at 12/3 meeting: Slayden is using a vacuum truck and street sweeper. In the contract, there is a requirement to have a street sweeper on-call and available within 4 hours as needed. The street sweeper has cleaned the streets 3-4 times in the last few weeks and will continue to do so, as needed. Under the Oregon Department of Environmental Quality permit, the contractor is not allowed to use a water truck to clean public streets as this may produce turbid water that could flow into catch basins and streams.</i>
6.1	Continued concern about lighting on the treatment plant. The last two evenings, lights have been left on, but other evenings they have not.	<i>Some lights need to remain on for safety, particularly the ones illuminating the walkway. The lights are "full cut off lights" that shine down, not out, and have a special shield. Staff is investigating to see whether they can get a longer shield to provide more focused lighting. Partnership staff will continue to discuss this with plant staff and remind them to turn unnecessary lights off.</i>
1.1	Adjusting the 3 rd Tuesday meeting to start later than 5.30 p.m.	<i>Report back at 12/3 meeting, the Partnership proposed the evening meeting to be held at 6pm. The next meeting will be Tuesday December 17, at 6 p.m.</i>

V. Topics of interest discussion (from II, above) and action items

Questions and responses provided during the meeting are listed below. **Action items** are listed in the table on **page 4**.

Question or concern	Response or comment
What is the total number of piles to be drilled for the clearwell?	<i>About 250 piles will be drilled in the bottom of the clearwell.</i>
With the rain, how has it affected the overall schedule of the project?	<i>The rain affects the deepest excavation the most. Slayden over-excavated in the bottom of the clearwell, then filled it with 2 feet of rock, and installed deep sump pumps in the bottom to draw out the water. This has improved the drainage, and the rain has had much less impact than the wet weather experienced in November.</i>
How are you going to demolish the lime silo?	<i>First, all necessary piping and connections will be removed. The silo will then be picked up by a 300 ton crane, placed on a lowboy trailer, removed and sent to a scrap metal company off-site.</i>
How high is the tower crane?	<i>The tower crane will be 150 feet tall. The jib will have a 230 feet radius.</i>
Will there be lights on the tower crane?	<i>Yes, the minimum lighting requirements under the Federal Aviation Administration will be adhered to, including red aircraft lights at the top of the crane. Christian said Slayden would not be using the flood lights that are on the jib. To clarify, the flood lights will be used at the beginning and end of the day when it is still dark (winter months). The flood lights will not be left on after working hours.</i>
When is the demolition of the lagoons planned?	<i>The current schedule is for late December, early January.</i>
Is the project tracking on schedule?	<i>Yes, we are currently on schedule.</i>

Question or concern	Response or comment
When will the West Linn water line replacement project start construction? Will we get more information? (Concern about information arriving during the holiday season and work commencing early in January).	<i>West Linn will open the bidding process shortly. Next steps will be to receive bids, award the contract and then issue a “notice to proceed” to the contractor. A tentative start date is after the new year, in early January. The work should be complete by March. West Linn indicated they will provide more information when it is available, possibly via door-to-door visits before the project begins. Partnership staff will pass this information and concerns onto the City of West Linn.</i>
Request for a West Linn City staff member to be present at the next meeting for a Q/A session.	<i>Partnership staff will pass this request onto the City of West Linn.</i>
When referring to the West Linn pipeline, does that include work in Kenthorpe Way?	<i>There are 3 segments to the West Linn project, including the water main being relocated on Mapleton Drive, and sections on Cedar Oak and Kenthorpe.</i>
What route will the trucks take from the end of Mapleton when removing the spoil from the HDD work?	<i>Trucks will be required to follow the same rules as the WTP trucks, and only turn right out of Mapleton onto Highway 43 to haul spoils off-site.</i>
When is the HDD work planned to start under the river?	<i>West Linn’s water line relocation project will begin first in early 2014. Once this is complete, work can begin on the pipeline along Mapleton. Exact start dates are not confirmed at this stage, as the contract is yet to be awarded. However, work on the pipeline down Mapleton, and along Highway 43 to Lake Oswego is estimated to start in March 2014. HDD may not start until summer 2014. The Partnership will bring the master schedule to the next meeting.</i>
Street sweeping can be loud – desire to have streets washed instead.	<p><i>Under the Oregon Department of Environmental Quality permit, the contractor is not allowed to use a water truck to clean public streets as this may produce turbid water that could flow into catch basins and streams.</i></p> <p><i>In the contract, there is a requirement to have a street sweeper on-call and available within 4 hours as needed. The street sweeper has cleaned the streets 3-4 times in the last few weeks and will continue to do so, as needed.</i></p> <p><i>Slayden’s goal is the have trucks as clean as possible when they leave the site by ensuring every truck uses the wheel wash. Lance Archer (City of West Linn) indicated that he and Bob Marshall (City of West Linn) walk the site once a week, and have been pleased with the wheel wash, erosion control and debris management efforts by Slayden.</i></p>
Was the request to install the 150 foot tower crane something that Slayden proposed, or was this in the design and construction specifications?	<i>Typically, the means and methods of construction are left up to the contractor. In this case, when Slayden visited the site and understood the sensitivities of the location of the plant within a residential neighborhood, they proposed methods for quieter and more efficient equipment.</i>
How long will the tower crane be on-site?	<i>For the life of construction – approximately 2 ½ years.</i>
In what ways is the tower crane efficient?	<i>Once the crane is installed, it is electronically powered and operates on a stationery base. It is cleaner and quieter because it does not use a diesel fueled engine. It is also faster in moving materials from one side of the site to another.</i>

VI. Wrap up and next meeting

The next meeting will be held on **Tuesday, December 17 at 6:00 p.m.** at Burgerville, 18350 Willamette Drive, West Linn. Thank you to those who attended the meeting. Thank you to Burgerville for providing the meeting space, cookies and coffee.

Action Items List

Item #	Date raised	Issue category	Question or concern	Response or comment	Additional follow-up action	Status
7.1	12/3/2013	Schedules	What are the construction timeframes for each section of the project in West Linn?	<i>Partnership staff will bring the master schedule to the next meeting.</i>		Open
6.2	11/19/2013	Water pipeline coordination	What coordination is occurring with the City of West Linn on the water line replacement project down Mapleton? What are the start dates?	<i>The Partnership understands the West Linn water main replacement is scheduled to take place in January and February 2014. The LOTWP pipeline will not be under construction along Mapleton at the same time. The City of West Linn is meeting directly with Partnership staff and the contractor to coordinate construction schedules.</i>	<i>Additional concern raised at 12/3 meeting about start dates and providing information to neighbors during the holiday season. Request for a West Linn City staff member to be present at the next meeting for a Q/A session. Partnership staff will pass this information and request onto the City of West Linn.</i>	Open
6.1	11/19/2013	Light pollution	Do the lights on the construction trailers and the plant building need to stay on at night?	<i>Slayden will issue a reminder to turn off the trailer lights at the end of the work day.</i> <i>WTP staff has been turning as many lights off as possible, but some lights need to remain on for safety purposes. The Partnership will discuss this with staff.</i>	<i>Additional concern raised at 12/3 meeting about lighting on the plant - the last two evenings they have been left on, but other nights they are turned off.</i> <i>Some lights need to remain on for safety, particularly the ones illuminating the walkway. The lights are "full cut off lights" that shine down, not out, and have a special shield. Staff is investigating to see whether they can get a longer shield to provide more focused lighting. Partnership staff will continue to discuss this with plant staff and remind them to turn unnecessary lights off.</i>	Open