

WTP Construction Update: Meeting Summary



Meeting number: 013

Date: Tuesday, March 4, 2014

Time: 7:30 a.m. – 8:30 a.m.

Location: Burgerville, 18350 Willamette Drive, West Linn

Facilitator: Eryn Kehe

Attendees: Five treatment plant neighbors and one City of West Linn Councilor attended the meeting.

Project team staff:

Dennis Koellmermeier – City of Tigard

Tom Lebo - Brown and Caldwell

Jane Heisler – City of Lake Oswego

Christian Colman – Slayden Construction Group

Katy Fulton – City of Lake Oswego

Ron Candell – Slayden Construction Group

I. Welcome & introductions

Eryn welcomed everyone to the meeting and outlined the agenda.

Eryn referred to the meeting ground rules and Partnership goals in West Linn. She also reminded everyone that we are here to address problems but also be civil and respectful of one another.

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) New hours for construction
- 2) Attitude
- 3) Vibration monitors – where are they located?
- 4) “Vibratory hammer” – process for installing the sheet piles in early February
- 5) When will vibration stop?
- 6) Road surface quality on Kenthorpe Way – ruts in mud, crumbling edge of Old River Drive & Kenthorpe Way

Discussion is included in Sections III-V below.

III. Three Week Look Ahead

Christian indicated that they are continuing to pour concrete for slabs and walls in the clearwell and ballasted flocculation. They should complete the slabs in mid March, but will continue placing and pouring walls through the rest of March. Excavation is also occurring in the northeast of the site for the gravity thickener and solids storage tank. A roller compactor has been used to compact gravel and rock in these areas which does cause some vibration.

This week, auger cast drilling has resumed for the foundations of the new structures, and will continue over the next month. Once the piles have been installed for the tower crane foundation on the west of the site, the pile crane will be relocated to continue drilling in the northeast of the site.

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

IV. Updates on previous action items

Partnership staff provided the following updates on previous action items.

Item #	Date raised	Question or concern	Response or comment	Status
12.1	2/18/14	Attendee submitted a list of questions regarding vibration impacts.	<i>Partnership staff provided printed copies of the responses to these questions to meeting attendees. Copies of the questions and responses are available on request.</i>	Closed 3/4/14
11.2	2/4/14	We won't be able to sell our homes after the large pipeline goes in due to vibration and noise from its operation. What will you do about that?	<i>Dennis Koellermeier stated that he has installed many pipelines and has never been able to hear the water, but they have been smaller than this pipeline. Dennis offered to find examples of similar sized pipes so that the attendee could visit them and listen to them. Update at 2/18 meeting: Dennis is investigating locations of similar sized pipes and will provide this to the attendee. Partnership provided the pipeline locations to the attendee on 2/25/14. At the 3/4/14 meeting it was requested that e information be included in the summary from the meeting (see below).</i>	Closed 3/4/14

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 below.

Question or concern	Response or comment
What happens to items that were not discussed in the previous meeting? Are they then raised at the next one?	<i>The last meeting on 2/18 was the first meeting we didn't discuss all the topics raised. After every meeting, the Partnership sends out the summary of discussion topics and it is also placed on the project website.</i>
What are the dimensions of the structures and size of the footprint?	<i>The City of West Linn has the construction documents and upon Citizen request is free to allow citizens to review them at City Hall</i>
How many auger cast piles are being drilled for these new structures?	<i>Approximately 280 auger cast piles were drilled for the clearwell. The drilling for the four structures over the next month is not as extensive – approximately 150 auger cast piles will be drilled for the solids storage tank, gravity thickener, chemical building and mechanical dewatering.</i>
Are you using the same installation method for the auger cast piles as the sheet piling?	<i>No, the auger cast pile drilling is different from the sheet pile installation. It uses a drill rig attached to a crane, whereas the sheet piles were installed using a vibratory hammer. Neighbors have already experienced auger cast pile drilling earlier in the project for the clearwell, ballasted flocculation and the eastern tower crane foundation.</i>
Please provide the examples of similar size pipelines along Mapleton in the meeting summary.	<i>All four pipeline locations are 48" diameter or larger: 1). Kinsman Rd, from Wilsonville Road to Barber, in Wilsonville 2). Boeckman Rd, west of I-5 and west of the railroad tracks, in Wilsonville 3). Sunset Blvd near Baker Road, Sherwood 4). NW 1st St & Pleasant View Ave, Gresham</i>
Are these large pipelines located within neighborhoods, and were they installed in new or existing neighborhoods?	<i>Dennis mentioned that two of the pipelines listed above were installed in existing neighborhoods.</i>
Why do you need to work an extra 2 hours – it roughly gets you an extra 2 months on the project? People want to enjoy being outside in the neighborhood during summer, especially from 5-7pm.	<i>Christian indicated that after daylight savings time, Slayden plans to start two shifts, one from 7am-3pm and one from 11am-7pm. This will allow crews in the morning to focus on concrete pouring and more production, and the second crew to focus on cleanup tasks, stripping wall forms, curing concrete and preparing for the next day.</i>

<p>Will trucks be running during the extra two hours?</p>	<p><i>Most of the hauling and concrete trucks would finish by 5pm. Deliveries would predominantly occur during the day, before 5pm.</i></p>
<p>Are you doing this because you are behind? If you are only 5 days behind, it doesn't make sense to impact the residents even more. Request to find common ground and "respite" for neighbors - not extend work hours to 7pm, limit it to 5pm.</p>	<p><i>Christian stated that Slayden wants to be ahead of schedule, and the spring/summer months make up for delays in construction as a result of the winter weather. The impact is more than five days – it is 10 or more from weather delays, as concrete suppliers shut down during cold weather periods (Early December and early February). If the hours are limited, it will take longer to complete the project.</i></p>
<p>General attitude and tone of voice of staff members and experience in meetings. Report of lack of responsiveness and arrogant attitude. If you want to portray yourself as being a good neighbor, go above and beyond – be courteous and mitigate the impact on us.</p>	<p><i>Eryn mentioned that there is a lot of emotion and conflict from both sides and many in the neighborhood have been opposed to the project for years. There is a natural "push and pull" to deal with issues and resolve conflicts, but everyone needs to have mutual respect for one another.</i> <i>Dennis stated that the project has a set of rules, regulations and codes which we are abiding and operating within. Hours of work are enforced City wide. The project also has more restricted rules than other projects in West Linn.</i></p>
<p>Neither of the bi-monthly meeting times are convenient for people to attend them.</p>	<p><i>The Partnership was responsive to requests earlier in the project about moving the meeting times. Meeting times and days were changed in response to neighbor requests. We understand that not everyone can make the meetings, but the summaries and meeting materials are distributed to everyone on the WTP email distribution list and posted on the website.</i> <i>There are also many other methods available for neighbors to contact the project via the hotline, email, website or tours.</i></p>
<p>When will the vibration stop? Report of damage – should I repair now or in 2 years?</p>	<p><i>Christian said this is difficult to answer. Looking at where the attendee is located, most of the Phase A work will be done in December 2014, and the rest of the work is further to the west. Auger cast pile drilling is not as intrusive as the sheet piling activity which occurred in early February. However, once the structural foundations are complete, crews will use a compactor to backfill which does cause some vibration (summer).</i></p>
<p>When will you demolish the present administration building ?</p>	<p><i>The administration building will be removed later in 2015.</i></p>
<p>"Vibratory hammer" – process for installing the sheet piles in early February – at the last meeting you mentioned that Slayden is looking at other methods. Have you found one? Your engineer should present the method to the neighbors.</p>	<p><i>Christian stated that the area they are looking at to install more shoring is on the west side of the existing sedimentation basin and it is to support the new wash water structure. The work was originally scheduled for next year, but it could be moved forward to this summer. The method has not yet been determined as we have not yet provided it to our engineering firm for design. Once we know more we will let neighbors know.</i></p>
<p>Where are the vibration monitors located on site and how often are they operating? If some neighbors experienced vibration and potential damage further away from site, maybe the monitors should be located further away.</p>	<p><i>There are two monitors which are located on the WTP site which monitor at all times. One is on the east, and one on the west. Data is downloaded once a week. Tom stated that it is not likely that more distant monitors would measure more vibration. Last Fall, during the early excavation and reports of vibration, the monitors on site were compared to those off-site on neighbor's properties. All the data and spikes correlated, but were much lower at the offsite monitors.</i></p>
<p>Road surface quality on Kenthorpe Way – ruts in mud, crumbling edge of Old River Drive & Kenthorpe Way. How often do you check the roads?</p>	<p><i>Slayden routinely checks the roads, but does encourage neighbors to report any condition issues as they can then investigate specific locations. Crews will investigate this location.</i></p>
<p>Will Kenthorpe be repaved?</p>	<p><i>Dennis confirmed that Mapleton Drive, Kenthorpe Way and Old River will be repaved at the end of the project. The paving on Old River Road that occurred last year was a temporary fix to hold things together during the project.</i></p>

Action Items List

Item #	Date raised	Question or concern	Response or comment	Status
13.1	3/4/14	Request to find common ground and not extend work hours to 7pm, limit it to 5pm.	<i>Partnership staff will discuss this and report back at the next meeting.</i>	Open
13.2	3/4/14	Road surface quality on Kenthorpe Way – ruts in mud, crumbling edge of Old River Drive & Kenthorpe Way	<i>Slayden routinely checks the roads, but does encourage neighbors to report any incidences as they can then investigate specific locations. Crews will investigate this.</i>	Open

VI. Wrap up and next meeting

The next meeting will be held on **Tuesday, March 18, 2014 at 6 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.