

WTP Construction Update: Meeting Summary



Meeting number: 016

Date: Tuesday, April 15, 2014

Time: 6:00 p.m. – 6:45 p.m.

Location: Burgerville, 18350 Willamette Drive, West Linn

Facilitator: Eryn Kehe

Attendees: Six treatment plant neighbors attended the meeting.

Project team staff:

Katy Fulton – City of Lake Oswego

Ron Candell – Slayden Construction Group

Tom Lebo - Brown and Caldwell

I. Welcome & introductions

Katy welcomed everyone to the meeting and outlined the agenda.

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) Noise and vibration is consistent and irritating
- 2) What is the construction schedule for the Mapleton Drive and HDD pipelines

Discussion is included in Sections III-V below.

III. Three Week Look Ahead

Ron indicated that they are continuing concrete work for the walls in the clearwell and ballasted flocculation. Yesterday, the slab for the gravity thickener building was poured. Crews are also forming shoring towers to support the roof formwork for the clearwell, which is similar to scaffolding that supports the roof, so a concrete pour can occur in the next few weeks. Concrete work will continue through the summer for new structures.

Auger cast piles are being drilled for the interior of the chemical building and also the electrical building.

The compactor is almost finished backfilling the part of the access road near Mapleton Drive on the south side of the clearwell. It will move over to the northeast of the site near the chemical building this week.

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
15.1	4/1/14	How can neighbors know when to expect more severe impacts (noise/vibration)? Use location where possible (S, N, E, street). Is there any way to indicate severity i.e., a quantitative measure? The more notice, the more prepared people will be – use email to warn people of changes and impacts.	<i>The email updates are designed to inform and prepare people of upcoming work. They are sent every 2 weeks and include a detailed table outlining upcoming activities on site, the purpose of the work, potential impacts and their location (i.e., northeast of site, south of site), expected duration and whether it is a new activity or an ongoing one. These updates are also placed in the information kiosks on Mapleton Drive and Kenthorpe Way. Dennis stated that schedules change frequently, but neighbors' locations and personal sensitivities also differ – some neighbors feel vibration or hear noise more than others. Report back at 4/15 meeting: The Partnership will highlight the locations of activities in red in updates moving forward. We have also added the current site plan to the website, and refer to it in the construction updates to provide more visual guidance. It is unrealistic to be sending daily emails about activities on site, but we will aim to keep people informed as much as possible.</i>	Closed 4/15/14
14.3	3/18/14	“Vibratory hammer” – process for installing the sheet piles in early February – have you found other methods?	<i>Christian stated that the area for future 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 occur sometime this summer in July/August. The plan for shoring has not yet been determined. Once we have looked at it we will let neighbors know.</i>	Open

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
Why is it harder to pour the concrete for the walls in the ballasted flocculation building than the clearwell?	<i>Ron stated that it is because the ballasted floc. building has an elaborate design and different elevations which makes it more complicated and longer than the clearwell.</i>
How are you going on the 30 day delay?	<i>Ron indicated that Slayden is working through the delay and the split shift is helping. Ron also mentioned that they clearwell is progressing well, and should be complete slightly ahead of the original schedule for that structure.</i>
What is the diameter of the gravity thickener?	<i>It is approximately 50 feet in diameter.</i>
Are the transformers for the electrical building above ground or below ground? Are they closed off? Concern from an attendee about the noise impact for nearby neighbors to the plant.	<i>They are located above ground. The transformers are designed to not need to be fan cooled, which helps mitigate noise. The upgraded treatment plant is designed to be much quieter with sound panels, thicker walls for new structures and additional landscaping to provide a buffer. The Partnership will provide additional information on the transformers at the 5/6 meeting.</i>

What is the next stage of backfilling and vibration from that activity on the south side of the site? – for neighbors on the Mapleton Drive side?	<i>Ron mentioned that the next compaction and backfill will be in the bottom of the clearwell, but on the north side of the clearwell. This is in the center of the site, but still close to Mapleton Drive. This will likely occur in the next month or so.</i>
When are the concrete trucks stopping? Report that the Knife River concrete truck drivers are more aggressive, drive down the middle of Mapleton and drive faster around the corners than the other trucks.	<i>Ron will talk to the Knife River concrete truck drivers and remind them to be considerate of the neighborhood.</i>
Noise is a consistent issue. Report that construction noise is heard consistently, and it is a “major industrial site.” Request that if anything can be done to mitigate, it would be appreciated.	<i>Under the City of West Linn Municipal Code and Oregon Noise Control Regulation, noise resulting from construction within the approved work hours (7am-7pm Monday to Friday, 9am-5pm Saturday) is exempt. The Partnership will continue to use the most efficient methods possible to complete the tasks required, mitigate where possible, and work within the conditions of approval.</i>
What happens if neighbors notice residual or underlying damage to their houses later on, after the project is complete?	<i>If neighbors feel they have experienced damage as a result of activities on site, they can submit a claim. Contact Scott Matthew at the City of Lake Oswego on 503-635-0220 or email smatthew@ci.oswego.or.us for information on the claims process. For more information, consult your insurance company or seek legal advice.</i>
The City of Lake Oswego’s claim form seems generic, shouldn’t there be a specific one for the project?	<i>The property damage claims process is in place for all City of Lake Oswego projects. The form is designed so you can provide as much information as possible to support the claim.</i>
What are the next steps in the claims process once a claim is submitted?	<i>Scott Matthew at the City of Lake Oswego on 503-635-0220 or email smatthew@ci.oswego.or.us Once a form is received; it is then immediately submitted to our insurance company, as well as Slayden. A representative from the insurance company or Slayden will discuss the claim and talk to you about viewing and assessing the damage, to help process the claim.</i>
What do you use the vibration monitors for? Concern that the monitors are generic pieces of equipment. Report that one attendee did not receive copies of the vibration monitoring data from early February.	<i>Tom stated that the monitors are there to measure ground movements on site, which helps correlate with certain construction activities occurring on site. Katy will re-send the report to the attendee. It is also available on the project website.</i>
Ron asked attendees if they had noticed any recent noise from 5pm-7pm on-site, since this last week was the first full week they worked until 7pm.	<i>Attendees said it has been quieter during that period. Ron said crews have been targeting to sandblast before 5pm. What neighbors are currently experiencing now during the 5-7pm will usually be the norm.</i>
What is the construction schedule for the Mapleton Drive and HDD pipelines?	<i>The Partnership is scheduling pre-meetings with contractors to get an understanding of preliminary schedules and should know more in the next month. It is not clear at this stage if Highway 43, Mapleton or HDD will come first (HDD and Mapleton cannot be done at the same time). We have heard, but nothing has been committed, that the HDD contractor may want to begin this summer. It takes about 100 days to get the pipe manufactured, so pipe can’t be laid until it arrives. Once we know more information, we will provide it to neighbors.</i>
Will you be working on Saturday, June 14? School ends on June 13, and there are often many street and house parties on the Saturday. Request from attendee, if possible to keep work hours limited or no work on June 13.	<i>Ron said Slayden would consider the request. Slayden will not be working on Memorial Day or July 4 – 5.</i>

Action Items List

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16.1	4/15/14	Are the transformers for the electrical building above ground or below ground? Are they closed off? Concern from an attendee about the noise impact for nearby neighbors to the plant.	<i>They are located above ground. The transformers are designed to not need to be fan cooled, which helps mitigate noise. The upgraded treatment plant is designed to be much quieter with sound panels, thicker walls for new structures and additional landscaping to provide a buffer. The Partnership will provide additional information on the transformers at the 5/6 meeting.</i>	Open
14.3	3/18/14	“Vibratory hammer” – process for installing the sheet piles in early February – have you found other methods?	<i>Christian stated that the area for future 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 occur sometime this summer in July/August. The plan for shoring has not yet been determined. Once we have looked at it we will let neighbors know.</i>	Open

VI. Wrap up and next meeting

The next meeting will be held on **Tuesday, May 6, 2014 at 7:30 a.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.