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August 7, 2013

To: Stacey Castleberry, Sr. City Planner
BDS Land Use Services Division
1900 SW 4th Avenue, Suite 5000, Portland, OR 97201

From: Tom Carter, Sr. City Planner

RE: Land Use Review LU 13-159585 EN – Remaining Clarifications

Dear Stacey:

Here is the information you requested in your letter of July 30, 2013, in order to be able to make the administrative decision in this case.

1. The relevance of the circled “R” and “L” on Sheet “Area 1, 1 of 6”, noted along the Elderberry Connector Trail, is not apparent, although they are labeled as “right/left side of trail” in the legend. Please describe how these notations relate to the trail design or this review in general. Please also confirm that the Elderberry Connector Trail is not included in this Environmental Review.

The Elderberry Connector Trail is not part of this review, and the “R” and “L” symbols have no significance in this review. It was impractical to remove the trails other than the Dogwood from this sheet, and I simply missed removing the R and L symbols that were attached to the Elderberry Connector Trail.

2. The numerous, short, dashed lines intersecting the Dogwood Trail (shown on Sheet “Area 1, 1 of 6”), appear to represent the informal “desire” trails that are obliterated. Please confirm this assumption.

This is correct. Details 36 through 40 are associated with trail closures and obliteration of the “desire” trails in different settings. The applicable details are referenced on Sheets “Area 1” and “Area 3,” and shown on Sheet TRA-2.

3. Please describe the width of the Dogwood Trail causeway across the seep area, and detailed on Sheet “TRA-1, 3 of 6,” detail 3.

This seep area actually has two causeways that are separated by about 15 feet or so of ordinary trail. The western causeway is some 27 feet long, and the base rock placed in the depression below extends to a maximum width of 7 feet. The eastern causeway is 25 feet long, and the base rock also reaches a maximum of 7 feet wide. The trail tread on both causeways remains 4 feet.

We did in fact create drainage reserves at Powell Butte over all the drainageways that are subject to them. However, BES drainage reserves do not apply in the Environmental Protection (EP) zone. The Dogwood trail is entirely within the EP zone. Most of the Meadowland Trail is also within the EP zone. As it happens, there are no drainage reserves within the map areas of these

two trails, which is why they're not shown on the figures submitted to you previously. I am including a copy of Sheet 559 of permit #09-148418 CO that shows the drainage reserves over the entire butte with respect to the trail system. It shows that the two subject trails do not cross any drainage reserves.

5. The narrative (page 4, paragraph 5) refers to 6-inch gravel aprons either side of the trails, "shown in Detail 6 on Figure 3.1." Please clarify which detail in the amended plans shows the 6 inch gravel apron.

The correct reference is to Detail 5 on Sheet TRA-1. This is somewhat oversimplified, because the width of the gravel aprons actually varies depending on the field conditions. For example, there are no aprons along much of the Dogwood Trail because these portions were constructed with the gravel filling a depression in the ground surface. In contrast, where a trail is constructed on a side slope, there may be no gravel apron uphill and a 12-inch or wider apron downhill. The consistent dimension is the width of the trail tread. When we speak of a "4-foot wide trail," we are referring to the width of the level tread area.

6. The narrative (pages 4 and 5) describe pull-outs to be added to both trails, however the descriptions on pages 11 and 16 state that the 2-foot wide "pull-outs" are constructed along the Dogwood trail, but do not mention any along the Meadowland Trail. The site plans note the pull-outs along the Dogwood Trail, but not for the Meadowland trail (although Notes G and G1 for the Meadowland Trail refer to "pullouts as shown" and "pullouts approximately every 250 feet." Please clarify whether or not pullouts are constructed along the Meadowland Trail, how many, and where.

PWB has not yet accepted work on either of these trails as complete. We suspended further work on them pending the outcome of this LUR. During construction, the contractor was tasked with identifying suitable locations for pull-outs in the field based on sight lines and locations of trail junctions. As it happened, the contractor did not construct any pull-outs on the Meadowland Trail. After this LUR is completed, PWB and Parks will conduct a walk-through with the contractor to determine whether pull-outs are required and where they should be placed. The decision in the LUR will help determine whether pull-outs are required and, if required, how they should be constructed.

One additional clarification: I have found that although the contractor's crews seeded some of the areas disturbed by trail construction before the dry season began, we do not regard any of the disturbed areas to have been planted with the permanent vegetation called for in our permit. We intend to plant those areas this fall and winter, after the rainy season begins.

I trust this provides all the information you need to make your administrative decision. Thank you for your work on this case.