

# WCE

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## TRANSMITTAL

<b>COMPANY:</b>	SPOKANE VALLEY	<b>DATE:</b>	9-21-18				
		<b>DELIVERY TYPE:</b>	Hand Delivery				
<b>ATTENTION:</b>	Henry Allen	<b>FROM:</b>	Justin Penner, EIT				
<b>PROJECT No.:</b>	1166	<b>REGARDING:</b>	Comments				
<b>TRANSMITTAL OF:</b>	Painted Hills PRD						
<input type="checkbox"/>	AS REQUESTED	<input checked="" type="checkbox"/>	FOR REVIEW	<input type="checkbox"/>	RESPONSE REQUIRED	<input type="checkbox"/>	DOCUMENT CC:
NO. OF ITEMS	EA	SET	DESCRIPTION				
1	X		Response letter				

### NOTES/ COMMENTS:

*Justin Penner*

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Whipple Consulting Engineers, Inc.

September 21, 2018  
WCE No. 2013-1166

City of Spokane Valley  
10210 E. Sprague Ave  
Spokane Valley, WA 99206

Attn: Henry Allen

**Re: Painted Hills PRD – Flood Control Plans  
Response to Comments #3**

Dear Henry:

We have received your comment letter dated September 14, 2018 and offer the following response. For clarity your comments are listed below with our response in Bold.

**General**

1. In several locations, your letter dated August 20, 2018 refers to the City of Spokane Valley as formally rejecting the concept of utilizing levees for flood protection. The City has not made any rejection of a levee-based proposal. No decisions of on the proposal or any alternative variation of the proposal have been made by the City. In prior conversations the City has pointed out that its willingness to provide approvals as a local project sponsor pursuant to 44 CFR 65.10 in uncertain and cannot be assumed in advance. The choice of whether to pursue an application based on certification of a levee system or the current fill-based proposal is entirely up to the project proponent.

**Yes, you are correct, no official rejection of the levee system was proctored by the City. It was our presumption during several meetings that the City believed a Fill option might be a better option, which we have embraced. We apologize for any assertions to the contrary.**

2. The amount of net fill (328,289 cubic yards) is significant. The City does not have prescribed mitigation standards for this level of activity. Please provide additional information on your plans for coordinating delivery and management of this fill, including steps occurring prior to and during phases of construction. For example, what will be the source of the fill? What haul routes will be utilized? What do you see as the timing of the fill work? Are there other environmental impacts from importing such a significant amount of fill? Please give consideration to potential mitigation measures associated with construction/fill transportation system impacts.

**These are all good questions and will have to be determined. WCE will work with the City to determine the appropriate routes to be used, trucks per day limit, etc. At this time WCE has not worked with IPEC on a schedule as the contract has not been awarded yet. We would propose these issues be incorporated into the EIS responses.**

3. Please provide a disc with copies of the electronic files of the calculations including the hydrology and hydraulic models and the stormwater calculations.

**A disc will be provided when Ken Puhn of West Consultants returns to his office. However, these should be considered DRAFT until FEMA approval is received and should be considered work in progress and propriety and not for distribution.**

#### **Flood Control Plans**

4. Sheets C4.0, C5.20, C5.30, and C5.31 – please provide additional contour label information to make it clear and easy to determine the existing and proposed topography, elevations, and slopes.

**The existing ground contours have not been shown on any these sheets for clarity of the finish ground surface. As for Sheet C4.0 more labels have been added; hopefully to more clearly depict the elevation differences between the two surfaces.**

5. Sheet C4.0 – do the net fill quantities include the drain rock for the infiltration pond?

**The net fill quantities do not include the drain rock. The drain rock volume is estimated to be 15,800-cy.**

If you have any questions or comments regarding this letter please feel free to contact me at (509) 893-2617.

Sincerely,



Justin Penner, EIT  
JPP

Encl:

CC: File