

**COMMENTS ON PLAN OF DEVELOPMENT RECEIVED FROM THE USFS**  
**MOUNTAIN VALLEY PIPELINE PROJECT**

Page #	Section #	Comment	Discussion/Response/Action	Name	MVP Response
C-13 & 14	Appendix C-1 (WV E&S plans)	Several items note "Disturbed areas not attaining a uniform, perennial 70 percent vegetative coverage shall be re-seeded as needed until uniform, perennial 70 percent vegetative coverage is established." The Restoration plan in appendix H and section 7.4 in the POD calls for "Following construction, MVP will monitor and record the success of revegetation on USFS-managed lands for up to five growing seasons or until the area is 80 percent revegetated." Is the 70% specific to WV?	WV.	Kirk	In Appendix C-1, the reference to 70% revegetation is for West Virginia. The Erosion and Sediment Control Plan has been updated to include a USFS section that reflects the USFS's 80% revegetation requirement.
	Appendix C-2	PROJECT SPECIFIC STANDARDS AND SPECIFICATIONS FOR VIRGINIA is blank and labeled DRAFT March xx, 2017	FS should get the WV Specs today. ACTION: FS Review	Kirk	The Annual Standards and Specifications were sent to the USFS under a separate cover on July 10, 2017 for review and comment. An additional copy is attached to the September 15, 2017 version of the Plan of Development as Appendix C-2
	Appendix C-3	Erosion and sediment control sheets do not reflect updated information from the June 19 <sup>th</sup> field visit to Pocahontas Rd by MVP and FS personnel, please be sure to include this information moving forward with construction.	Submitted June 15. ACTION: The new info, including site specific info will be in the next draft. ACTION: Megan send shapefiles for Waterbody IDs to make site-specific comment. Sent stationing, shapefiles are too big to email (sending on DVD). ACTION: FS do site-specific review of alignment sheets.	Kirk	Mountain Valley has updated Appendices C-3 and K with the information gathered in the field on June 19, 2017 and per subsequent conversations thereafter.
	Appendix K	Appendix K (site specific water crossing monitoring and mitigation plans) does not include several of the larger culverts identified along Pocahontas road in Appendix C-3	Please make sure these comments are applied to Appx C and K. ACTION: MVP do a consistency check between the two appendices.	Kirk	Mountain Valley has updated Appendices C-3 and K with the information gathered in the field on June 19, 2017 and per subsequent conversations thereafter.
6-21	6.1.2.4 Trench Dewatering	Trench breakers used on land managed by the FS will not be made of foam.	ACTION ITEM: MVP says they do not intend to use foam and will remove this and clarify that Sand bags will be used.	Bailey	Mountain Valley does not intend to use foam trench breakers. The reference has been removed.
6-26	6.4.6 Environmental Inspection	"Ensuring that subsoil and topsoil are tested in agricultural and residential areas, as well as FS managed lands, to measure compaction and determine the need for corrective action;" The FS requests to be included with agricultural and residential areas regarding need for testing compaction.	Make change in highlights.	Bailey	Section 6.4.6 of the Plan of Development has been updated to reflect this request.
H-3	3.1 Topsoil and Spoil Treatment	All stockpiled soils and spoils will follow JNF riparian protection standards for buffers widths along stream channels other water bodies, which will be more than 10 feet. 100 feet from perennial water bodies, 50 feet on intermittent, and 25 from ephemeral.	MVP will check to make sure text is consistent.	Bailey	Mountain Valley will compile with this request. It has been reflected in Appendix K and Section 7.3.3 of the Plan of Development.
All	Appendix K	Update appendix with most recent Aquatics/Wetlands Report dated 6/30/17 and USFS/MVP field visit notes from 6/19/17. In general updates should reflect: USFS road standards shall apply to access roads. Along Pocahontas Road (FR#972), all rusted culverts shall be replaced, all undersized culverts shall be replaced, and all perennial streams will be fit-appropriately to ensure for aquatic organism passage. Thus, numerous culverts and specific designs are missing from Appendix K.	See comment/response/action items above.	P. Adams	Mountain Valley has updated Appendices C-3 and K with the information gathered in the field on June 19, 2017 and per subsequent conversations thereafter. Mountain Valley has also updated the Aquatics report and submitted it separately of the Plan of Development.
All	Appendix K	Use of timber matting alone, will not meet USFS standards given wet weather conditions. USFS will require steel plate or temporary bridge where appropriate. Make changes in the legends, icons, and plans accordingly.	MVP will address.	P. Adams	Mountain Valley has updated Appendices C-3 to include the use of steel plates.
K-15 and K-16	Appendix K	A temporary bridge will be required at location S-MN17.	MVP will address and send shape files	P. Adams	Mountain Valley is working to develop a typical drawing for a bridge at this location. One will be provided once available.
K-23 and K-24	Appendix K	S-PP19 is actually a perennial stream (i.e. needs updates throughout all docs) that will require culvert replacement that ensures aquatic organism passage. USFS/MVP field trip on 6/19/17 talked about smooth barrel culvert, which is not appropriate for biota. Countersinking 3.5ft culvert will likely not work in shallow bedrock. Best to replace with aluminum bottomless culvert (box/arch) that is sized appropriately. Update accordingly.	See above	P. Adams	S-PP19 was confirmed by Todd Miller from the United States Army Corps of Engineers Norfolk District Office as an intermittent stream during a field review conducted on July 6, 2017.
K-25 and K-26	Appendix K	Update with steel plate. Use of timber matting will not meet USFS standards given wet weather conditions.	See above	P. Adams	Mountain Valley has updated Appendices C-3 to include the use of steel plates.
all	Appendix U	Project Specific Standards and Specifications (PS&S) are completely blank, not even draft language presented to the State is documented here. This is merely a placeholder for the Stormwater Pollution Prevention Plan, with no information presented to date.	MVP included this in the package sent yesterday. ACTION: FS will review	P. Adams	The Annual Standards and Specifications were sent to the USFS under a separate cover on July 10, 2017 for review and comment. An additional copy is attached to the September 15, 2017 version of the Plan of Development as Appendix C-2
all	Appendix C-3	Update Erosion and sediment control sheets with most recent Aquatics/Wetlands Report dated 6/30/17 and USFS/MVP field visit notes from 6/19/17. In general updates should reflect: USFS road standards shall apply to access roads. Along Pocahontas Road (FR#972), all rusted culverts shall be replaced, all undersized culverts shall be replaced, and all perennial streams will be fit-appropriately to ensure for aquatic organism passage. In addition, use of timber matting alone, will not meet USFS standards given wet weather conditions. USFS will require steel plate or temporary bridge where appropriate. Make changes in the legends, icons, and plans accordingly. Crosswalk all changes with information in Appendix K as well.	See above	P. Adams	Mountain Valley has updated Appendices C-3 and K with the information gathered in the field on June 19, 2017 and per subsequent conversations thereafter.