



Mountain Valley Pipeline Project

Docket No. CP16-10-000

Exotic and Invasive Species Control Plan

October 2015 Revised July 2016



Mountain Valley Pipeline, LLC (MVP) has developed an exotic, noxious, and invasive plant species control plan for the Mountain Valley Pipeline Project (Project). The following exotic, noxious, and moderate to highly invasive plant species have the potential to occur along the Project right-of-way (Table 1).

Table 1				
Scientific Name	t Species with the Potential to Oc Common Name	Location of observation ¹		
Highly Invasive Plant Species <u>a/</u>				
Acer platanoides*	Norway maple	Unknown		
Ailanthus altissima*	tree-of-heaven	Giles; Montgomery; Roanoke; Franklin		
Alliaria petiolata*	garlic mustard	Unknown		
Ampelopsis brevipedunculata	porcelain-berry	N/A		
Arthraxon hispidus	small carpgrass	N/A		
Berberis thunbergii*	Japanese barberry	Roanoke		
Bromus tectorum*	cheatgrass	Unknown		
Celastrus orbiculata*	Asian bittersweet	Giles; Montgomery		
Centaurea stoebe ssp. micranthos*	spotted knapweed	Montgomery		
Cirsium arvense*	Canada thistle	Giles; Montgomery; Roanoke; Franklin; Pittsylvania		
Coronilla varia*	purple crown-vetch	Montgomery; Roanoke; Franklin		
Dioscorea oppositifolia	Chinese yam	N/A		
Dioscorea polystachya	cinnamon vine	N/A		
Elaeagnus umbellate var. parvifolia*	autumn olive	Giles; Montgomery; Roanoke; Franklin		
Euonymus alata	winged spindletree	N/A		
Euonymus fortunei	winter creeper	N/A		
Ficaria verna	lesser celandine	N/A		
Hydrilla verticulata	hydrilla	N/A		
Iris pseudocorus*	yellow flag	Unknown		
Lespedeza cuneate*	Chinese bushclover	Unknown		
Ligustrum sinense*	Chinese privet	Unknown		
Ligustrum vulgare*	European privet	Roanoke		
Lonicera japonica*	Japanese honeysuckle	Webster; Giles; Montgomery; Roanoke; Franklin; Pittsylvania		
Lonicera maackii*	Amur honeysuckle	Unknown		
Lonicera morrowii*	Morrow's honeysuckle	Unknown		
Lonicera tatarica*	Tatarian honeysuckle	Unknown		
Lythrum salicaria	purple loosestrife	N/A		
Microstegium vimineum*	Japanese stiltgrass	Giles; Montgomery; Franklin		
Murdannia keisak	marsh dewflower	N/A		
Myriophyllum aquaticum	parrot feather	N/A		
Myriophyllum spicatum	Eurasian water-milfoil	N/A		



Table 1			
Non-Native/Invasive Pla Scientific Name	nt Species with the Potential to Occi	ur Along the Project Route Location of observation ¹	
Persicaria perfoliata*	mile-a-minute weed	Unknown	
Phalaris arundinacea*	reed canarygrass	Giles	
Phellodendron japonicum	cork tree	N/A	
Phragmites australis*	common reed	Unknown	
Polygonum cuspidatum*	Japanese knotweed	Roanoke; Franklin	
Polygonum perfoliatum*	Asiatic tearthumb	Unknown	
Pueraria montana var. lobate*	kudzu	Roanoke; Franklin	
Pyrus calleryana	Bradford pear	N/A	
Rosa multiflora*	multiflora rose	Webster; Greenbrier; Summers; Monroe; Giles; Montgomery; Roanoke; Franklin	
Rubus phoenicolasius	wine raspberry, wineberry	N/A	
Schedonorus phoenix*	tall fescue	Unknown	
Schedonorus pratensis*	meadow fescue	Unknown	
Sorghum halepense*	Johnson grass	Montgomery	
Urtica dioica	European stinging nettle	N/A	
Vinca minor	lesser periwinkle	N/A	
Moderately Invasive Plant Species	s <u>b/</u>		
Aegopodium podagraria	Bishop's goutweed	N/A	
Akebia quinata	fiveleaf akebia	N/A	
Ampelopsis brevipendunculata	Amur peppervine	N/A	
Arctium minus	lesser burdock	N/A	
Agrostis capillaris	colonial bent-grass	N/A	
Albizia julibrissin*	mimosa, silktree	Roanoke; Franklin	
Barbarea vulgaris	garden yellow-rocket	N/A	
Bromus commutatus	meadow brome	N/A	
Bromus inermis ssp. inermis var. inermis*	smooth bromegrass	MP 216	
Bromus japonicus	Japanese bromegrass	N/A	
Bromus secalinus	rye brome	N/A	
Bromus sterilis	poverty brome	N/A	
Carduus nutans ssp. marcolepis	nodding plumeless-thistle	N/A	
Centaurea nigrescens	Wocheiner knapweed	N/A	
Chelidonium majus var. majus	celandine	N/A	
Cirsium vulgare	bull thistle	N/A	
Conium maculatum*	poison-hemlock	Montgomery	
Cynoglossum officinale	gypsy-flower	N/A	
Daucus carota*	Queen Anne's-lace, willd carrot	MP 217, 221, 222, 225, 226, 227, 229, 234	



Table 1

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route			
Scientific Name	Common Name	Location of observation ¹	
Dipsacus fullonum*	Fuller's teasel, wild teasel	MP 224	
Dipsacus laciniatus*	laciniate wild teasel	Unknown	
Duchesnea indica	Indian-strawberry	N/A	
Echium vulgare*	Viper's bugloss, bluethistle, bluedevil	Montgomery	
Elaeagnus angustifolia*	Russian olive	Unknown	
Frangula alnus	glossy false buckthorn	N/A	
Glechoma hederacea*	ground-ivy, gill-over-the-ground	Unknown	
Hedera helix	English ivy	N/A	
Hesperis matronalis	mother-of-the-evening	N/A	
Hieracium caespitosum	meadow hawkweed	N/A	
Holcus lanatus*	common velvetgrass	Unknown	
Humulus japonicas*	Japanese hops	Unknown	
Hypericum perforatum*	common St. John's-Wort	Unknown	
Hypochaeris radicata	hairy cat's-ear	N/A	
Lespedeza bicolor	Japanese bushclover, shrubby bushclover	N/A	
Leucanthemum vulgare*	oxeye daisy	Unknown	
Ligustrum obtusifolium ssp. obtusifolium	border privet	N/A	
Linaria vulgaris	butter-and-eggs	N/A	
Lolium perenne ssp. multiflorum*	perennial ryegrass	Unknown	
Lonicera bella	Bell's honeysuckle	N/A	
Lonicera standishii	Standish's honeysuckle	N/A	
Lysimachia nummularia*	creeping Jenny, moneywort	Unknown	
Melilotus officinalis*	sweetclover	Unknown	
Miscanthus sinensis*	Chinese silvergrass	Unknown	
Najas minor	brittle naiad, brittle waternymph	N/A	
Ornithogalum nutans	Drooping Star of Bethlehem	N/A	
Ornithogalum umbellatum	Star of Bethlehem	N/A	
Pastinaca sativa*	parsnip	Unknown	
Paulownia tomentosa*	princess-tree, royal paulownia	Unknown	
Perilla frutescens*	beefsteak plant	Montgomery; Pittsylvania	
Persicaria longiseta	long-bristled smartweed	N/A	
Phyllostachys aurea	golden bamboo	N/A	
Poa compressa*	Canada bluegrass, flat-stemmed bluegrass	Unknown	
Poa pratensis ssp. pratensis*	Kentucky bluegrass	Montgomery; Roanoke; Franklin	
Poa trivialis*	rough bluegrass	Unknown	
Polygonum caespitosum var. longisetum*			



	Table 1		
Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route			
Scientific Name	Common Name	Location of observation ¹	
Potamogeton crispus	curly pondweed		
Pyrus calleryana	Callery pear	N/A	
Ranunculus ficaria var. bulbifera	lesser celandine	N/A	
Rhamnus cathartica	common buckthorn	N/A	
Rhodotypos scandens	jetbead	N/A	
Rorippa nasturtium-aquaticum*	watercress	Unknown	
Rumex acetosella*	common sheep sorrel	Unknown	
Sedum sarmentosum*	stonecrop	Unknown	
Spiraea japonica var. fortune*	Japanese spiraea	Unknown	
Stellaria media	common chickweed	N/A	
Stellaria media ssp. media	common chickweed	N/A	
Stellaria media ssp. pallida	common chickweed	N/A N/A Unknown	
Ulmus pumila	Siberian elm		
Verbascum thapsus*	great mullein		
Veronica hederifolia	ivy-leaved speedwell	N/A	
Viburnum dilatatum	Linden arrow-wood	N/A	
Wisteria sinensis	Chinese Wisteria	N/A	
ow Risk Invasive Plant Species c/			
Achillea millefolium var. occidentalis*	western yarrow	Unknown	
Acinos arvensis	mother-of-thyme, basil-thyme	N/A	
Agrostemma githago	corn cockle	N/A	
Agrostis canina*	velvet bent grass	Unknown	
Agrostis gigantean	giant bentgrass	N/A	
Agrostis stolonifera	creeping bentgrass	N/A	
Ajuga reptans	blue bugle	N/A	
Allium vineale ssp. vineale	wild garlic, crow garlic	N/A	
Anthoxanthum odoratum ssp. odoratum	sweet vernal grass	N/A	
Arrhenatherum elatius	tall oatgrass	N/A	
Arrhenatherum elatius var. elatius	tall oatgrass	N/A	
Artemisia annua	annual wormwood	N/A	
Artemisia vulgaris var. vulgaris*	common mugwort	Unknown	
Arundo donax	giant reed	N/A	
Berberis vulgaris	European barberry	N/A	
Broussonetia papyrifera	paper-mulberry	N/A	
Cardamine impatiens*	bittercress	Unknown	
Carduus crispus	curled thistle	N/A	
Centaurea cyanus	garden coneflower	N/A	

N/A

Brown knapweed

Cantaurea jacea



Table 1

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route			
Scientific Name	Common Name	Location of observation ¹	
Centaurea nigra	black knapweed, Spanish-Buttos	N/A	
Centaurea solstitialis	ntaurea solstitialis yellow starthistle		
Cerastium fontanum ssp. Vulgare	common mouse-ear chickweed	N/A	
Cerastium glomeratum	sticky mouse-ear chickweed	N/A	
Chenopodium album var. album	lamb's quarters	N/A	
Chenopodium ambrosioides var. ambrosioides	Mexican tea	N/A	
Cichorium intybus*	chicory, blue sailors	MP 217, 222, 223, 225	
Commelina communis*	Asiatic dayflower	Montgomery	
Commelina communis var, communis	Asiatic dayflower	N/A	
Convolvulus arvensisa*	field bindweed	Unknown	
Cosmos bipinnatus	common cosmos	N/A	
Cruciata pedemontana*	Piedmont bedstraw	Unknown	
Cynodon dactylon	Bermuda grass	N/A	
Dactylis glomerata ssp. glomerata*	orchard grass	MP 217, 221, 224, 227, 229	
Datura stramonium*	Jimson weed	MP 217. 224	
Dianthus armeria*	Deptford-pink	Montgomery; Franklin	
Egeria densa	Brazilian water-weed	N/A	
Elaeagnus pungens	thorny olive	N/A	
Eleusine indica	goose grass, yard grass	N/A	
Elymus repens	creeping wild rye	N/A	
Epilobium hirsutum	hairy willow-herb	N/A	
Eragrostis cilianensis	stinkgrass	N/A	
Eragrostis curvula	weeping lovegrass	N/A	
Euphorbia esula var, esula*	leafy spurge	Unknown	
Euphorbia lathyris	caper spurge, mole plant, wolf's-milk	N/A	
Foeniculum vulgare	sweet fennel	N/A	
Galium mollugo	false baby's-breath	N/A	
Hemerocallis fulva*	common day lily	Unknown	
Hemerocallis lilioasphodelus	yellow day lilly	N/A	
Hibiscus syriacus	Rose-of-Sharon, shrubby althea	N/A	
Hieracium floribundum	smooth hawkweed	N/A	
Hieracium aurantiacum	devil's paintbrush	N/A	
Hieracium pilosella var. pilosella	mouse-ear hawkweed	N/A	
Hieracium piloselloides	tall hawkweed	N/A	
Ipomoea coccinea	red morning-glory	N/A	
Ipomoea hederacea	ivy-leaved morning-glory	N/A	
Kummerowia stipulacea	Korean bushclover	N/A	



Table 1

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route

Scientific Name	Common Name	Location of observation ¹	
Kummerowia striata	Japanese clover	N/A	
Lactuca saligna	willow lettuce	N/A	
Lamium amplexicaule	henbit	N/A	
Lamium purpureum var, purpureum	purple dead-nettle	N/A	
Lapsana communis	nipplewort	N/A	
eonurus cardiac ssp. Cardiac*	motherwort	Montgomery	
Lepidium campestre	cream-anther field pepperwort	N/A	
Lepidium densiflorum var. densiflorum	dense peppergrass	N/A	
Lepidium perfoliatum	clasping pepperwort	N/A	
Lepidium ruderale	stinging pepperweed	N/A	
Lonicera fragrantissima	sweet breath of spring, winter honeysuckle	N/A	
Lotus corniculatus*	garden bird's-foot-trefoil	Unknown	
Malva moschata	musk mallow	N/A	
Malva neglecta*	common mallow	Unknown	
Malva sylvestris	high mallow	N/A	
Malva verticillata	whorled mallow, curled mallow	N/A	
Marrubium vulgare	white horehound	N/A	
Medicago lupulina*	black medic	Unknown	
Melia azedarach	Chinaberry	N/A	
Mentha verticillata	whorled mint	N/A	
Mentha gracilis	small-leaved mint	N/A	
Mentha piperita*	peppermint	Unknown	
Mentha rotundifolia	roundleaf mint	N/A	
Mentha aquatic	water mint	N/A	
Mentha spicata*	spearmint	Unknown	
Microthlaspi perfoliatum	perfoliate pennycress	N/A	
Miscanthus sinensis	Chinese silver grass	N/A	
Morus alba*	white mulberry	Unknown	
Murdannia keisak	aneilema	N/A	
Muscari botryoides	grape hyacinth	N/A	
Myosoton aquaticum	giant chickweed	N/A	
Nepeta cataria*	catnip	Unknown	
Papaver dubium	scarlet poppy	N/A	
Pennisetum glaucum	pearl-millet	N/A	
Phalaris canariensis	canary grass	N/A	
Phleum pretense*	timothy	MP 217, 221, 225, 226, 227	
Phyllostachys nigra	black bamboo	N/A	



Table 1

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route			
Scientific Name	Common Name	Location of observation ¹	
Picea abies	Norway spruce	N/A	
Poa annua*	annual bluegrass	Unknown	
Polygonum aviculare	yard knotweed	N/A	
Polygonum convolvulus var. convolvulus	black bindweed	N/A	
Polygonum orientale	prince's feather	N/A	
Polygonum persicaria	spotted lady's-thumb	N/A	
Populus alba	white poplar	N/A	
Potentilla recta	Sulphur cinquefoil	N/A	
Prunella vulgaris	common self-heal	N/A	
Prunus avium	sweet cherry	N/A	
Prunus mahaleb	perfumed cherry	N/A	
Ranunculus acris var. acris	tall buttercup, meadow buttercup	N/A	
Ranunculus arvensis	corn crowfoot	N/A	
Ranunculus bulbosus	bulbous buttercup	N/A	
Ranunculus flammula var. filiformis	greater creeping spearwort	N/A	
Ranunculus repens	creeping buttercup	N/A	
Ranunculus sardous	hairy buttercup	N/A	
Raphanus raphanistrum	wild radish	N/A	
Rhodotypos scandens	jetbead, white kerria	N/A	
Rorippa sylvestris	creeping yellowcress	N/A	
Rosa canina	dog rose	N/A	
Rosa eglanteria	sweetbrier	N/A	
Rubus illecebrosus	strawberry-raspberry	N/A	
Rumex crispus ssp. crispus*	curly dock	Unknown	
Salix alba	white willow	N/A	
Saponaria officinalis*	bouncing-bet	Unknown	
Senecio vulgaris	common groundsel	N/A	
Senna obtusifolia	coffeeweed	N/A	
Setaria faberi	giant foxtail-grass	N/A	
Setaria italic	foxtail millet	N/A	
Setaria verticillata	bristly foxtail	N/A	
Setaria viridis var. viridis	green foxtail	N/A	
Silene latifolia ssp. Alba	white campion	N/A	
Sisymbrium altissimum	tall hedge-mustard	N/A	
Sisymbrium officinale	hedge mustard	N/A	
Solanum dulcamara var. dulcamara	bittersweet	N/A	
onchus arvensis ssp. Uliginosus	field sowthistle	N/A	



Table 1

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route

Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route				
Scientific Name	Common Name	Location of observation ¹		
Sonchus asper ssp. Asper	spiny sow thistle	N/A		
Sonchus oleraceus	common sowthistle	N/A		
Stellaria graminea	lesser stitchwort	N/A		
Torilis arvensis ssp. Arvensis	hedge parsley	N/A		
Tragopogon dubius	meadow goat's-beard	N/A		
Trapa natans	water chestnut	N/A		
Trifolium arvense	rabbit-foot clover	N/A		
Trifolium aureum*	yellow hop clover	Unknown		
Trifolium campestre	low hop clover	N/A		
Trifolium dubium	small hop clover	N/A		
Trifolium hybridum	alsike clover	N/A		
Trifolium incarnatum	crimson clover	N/A		
Trifolium pretense*	red clover	MP 217, 221, 222, 223, 229, 234		
Trifolium repens*	white clover	MP 222; Giles; Montgomery; Roanoke; Franklin; Pittsylvania		
Trifolium resupinatum*	reversed clover	Unknown		
Tussilago farfara*	colt's-foot	Unknown		
Typha glauca*	cattail	Unknown		
Veronica arvensis	corn speedwell	N/A		
Veronica beccabunga	European brooklime	N/A		
Veronica chamaedrys	germander speedwell, bird's-eye speedwell	N/A		
Veronica filiformis	filiform speedwell	N/A		
Veronica longifolia	long-leaved speedwell	N/A		
Veronica officinalis var. officinalis	common speedwell, gypsyweed	N/A		
Veronica persica var. persica	bird's-eye speedwell	N/A		
Veronica polita	field speedwell	N/A		
Veronica serpyllifolia ssp. serpyllifolia	thyme-leaved speedwell	N/A		
Virburnum opulus var. opulus	guelder-rose	N/A		
Vicia cracca ssp. cracca	vetch	N/A		
Vicia grandiflora*	large-flowered vetch	Unknown		
Vicia hirsute	vetch	N/A		
Vicia sativa ssp. nigra	common vetch	N/A		
Vicia sativa ssp. sativa				
Vicia sepium var. sepium	bush vetch	N/A N/A		
Vicia tetrasperma	four-seeded vetch	N/A		
Vicia villosa ssp. varia	hairy-fruit vetch	N/A		
Vicia villosa ssp. villosa	hairy vetch	N/A		
Vinca major	greater periwinkle N/A			



Table 1					
Non-Native/Invasive Plant Species with the Potential to Occur Along the Project Route					
Scientific Name	Scientific Name Common Name Location of observation ¹				
Wisteria floribunda	Wisteria floribunda Japanese wisteria				
Xanthium spinosum	spiny cocklebur	N/A			

¹ The list of locations for each species may not be exhaustive; locations are provided only for observations that included spatial information. When available, the milepost (MP) is provided.

<u>bf</u> Moderately invasive species may have minor influence on ecosystem processes, alter plant community composition, and affect community structure in at least one layer. They may become dominant in the understory layer without threatening all species found in the community. These species usually require a minor disturbance to become established.

<u>d</u> Occasionally invasive species generally do not affect ecosystem processes but may alter plant community composition by outcompeting one or more native plant species. They often establish in severely disturbed areas. The disturbance may be natural or human origin, such as icestorm damage, windthrow, or road construction. These species spread slowly or not at all from disturbed sites.

Sources:

Virginia Department of Conservation and Recreation, Division of Natural Heritage, 2015.

http://www.dcr.virginia.gov/natural_heritage/invsppdflist.shtml

West Virginia Division of Natural Resources, Natural Heritage Program, 2009.

http://www.wvdnr.gov/wildlife/invasivewv.shtm

Excavation for pipeline placement exposes the topsoil surface to potential entrance of exotic, noxious, and/or invasive plant species. This can occur either by physical transport onto the exposed soil site by way of equipment, machinery or vehicles, through windborne dissemination of seeds of exotic or invasive species from the surrounding area, or by introduction of seeds or plant parts contained in mulch or straw bales. To avoid and minimize the potential for the introduction of these seeds to the Project corridor, MVP will apply the following management strategies to control exotic, noxious, and invasive plant species.

The three principal strategies for exotic, noxious, and invasive plant species control include:

- 1. The first strategy that will be used during construction is the avoidance of exotic and invasive species in organic materials brought on-site. If available, certified weed-free mulch, straw and hay bales will be used to construct sediment control devices during construction.
- 2. The second strategy to be used in this plan involves the monitoring and selective spot treatment/ eradication of any exotic or invasive species encountered during construction and post-construction. MVP will monitor the right-of-way annually after the first and second growing seasons following construction to allow for early detection of exotic or invasive species infestations or outbreaks. If species or colonies of exotic or invasive species are found in numbers that are substantially greater than those existing nearby in off right-of-way locations, MVP will conduct selective spot eradications of those species. Eradication measures could include hand cutting unless requested to use herbicides by a state or federal management agency to achieve effective removal of these species. Herbicide types will be determined based on species requiring control, and all

<u>a</u>/ Highly invasive species exhibit the most invasive tendencies in natural areas and native plant habitats. They pose a significant threat to native species, natural communities or the economy by disrupting ecosystem processes and causing major alterations in plant community composition and structure. They establish readily in natural systems and spread rapidly.

^{*} Species observed within the project area



herbicides will be applied by applicators appropriately licensed or certified by the state in which the work is conducted.

3. The third strategy to be used in this plan involves MVP's commitment to using only native seed mixes during restoration. Along with implementing restoration measures contained in the FERC Upland Erosion Control, Revegetation and Maintenance Plan (FERC Plan) and Wetland and Waterbody Construction and Mitigation Procedures (FERC Procedures), MVP is partnering with the Wildlife Habitat Council (WHC), a nonprofit organization dedicated to assisting organizations and individuals with the restoration and enhancement of wildlife habitat. The WHC is working with MVP on their commitment towards native restoration of the pipeline right-of-way using seed mixes tailored to meet construction specifications, budgetary targets, and stakeholder desires while also providing local wildlife with native habitat. Working with the WHC, MVP will also incorporate principles of Integrated Vegetation Management into MVP's right-of-way maintenance. Integrated Vegetation Management incorporates seed mix selection, vegetation maintenance scheduling, and selection of mechanical vegetation maintenance techniques to encourage a low ground cover of native species that flower for a long duration of the growing season.

In addition to the strategies described above, the following control measures will be used to further minimize introduction and/or spread of these species:

- Adhere to erosion control measures in the FERC Plan and Procedures to ensure that sediment movement and the associated movement of non-native seeds into newly disturbed soils are minimized.
- Prior to Project mobilization, contractors shall thoroughly clean all construction equipment prior to moving the equipment to the Project area in order to limit the potential for the spread of noxious weeds, insects, or other soil-borne pests.
- Equipment cleaning stations will be established along the pipeline to ensure equipment is free of debris before being transported to a new construction spread. During construction, the environmental inspector will ensure all contractors clean the tracks, tires, and blades of equipment by hand or compressed air to remove any excess soil prior to movement of equipment out of known weed or soil-borne pest infested areas, or utilize designated cleaning stations (Table 2) to remove vegetative materials.
- Use construction techniques along the pipeline route that minimize the time that bare soil is exposed and, therefore, minimize the opportunity for exotic species to become established.
- In areas along the pipeline identified as containing higher than usual concentrations of exotic and invasive species, the topsoil from the full width of the construction right-of-way will be stripped and stored separately from other less contaminated topsoil and subsoil. Environmental inspectors will identify and mark these areas prior to grading activities.
- All disturbed areas will be reseeded promptly after final grading, weather and soil conditions
 permitting, and in consideration of written recommendations from the local soil conservation
 authorities. Prompt reseeding will ensure that bare soil is not available for exotic or invasive
 species for an extended period of time. Note: seeding is not required in active agriculture lands
 unless requested by the landowner.
- As described in the FERC Plan, mulch, consisting of weed-free straw or hay or other erosion-control materials, will be applied if final grading and installation of permanent erosion control measures are not completed within 20 days after the trench is backfilled or seeding cannot be completed properly due to scheduling outside of recommended seeding dates.



• Mowing and maintenance equipment will not be moved from an area where invasive species have been encountered during operation of the Project unless the equipment is cleaned prior to moving.

During construction, cleaning stations will be located along the right-of-way at locations where invasive species are known to occur.

Table 2			
Cleaning Stations Along the Project Route			
County	Milepost	Cleaning Station Location	Facility Type
Nicholas	Off Right-of-Way	MVP-LY-022	Contractor Yard
Nicholas	Off Right-of-Way	MVP-LY-007	Contractor Yard
Webster	Off Right-of-Way	MVP-LY-023	Contractor yard
Fayette	154.3	Stallworth Pad	Compressor Station Pad
Greenbrier	Off Right-of-Way	Ritter Yard	Contractor Yard
Summers	170.4	ATWS-557	Additional Temporary Work Space
Monroe	194.2	ATWS-1060	Additional Temporary Workspace
Giles	Off Right-of-Way	ATWS-1119	Additional Temporary Workspace
Montgomery	229.25	ATWS-704	Additional Temporary Workspace
Roanoke	Off Right-of-Way	MVP-PY-006	Contractor yard
Franklin	Off Right-of-Way	MVP-PY-005	Contractor yard
Pittsylvania	301.4	Transco IP Pad	Interconnect location

References

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