

Appendix O

Maryland Environmental Policy Act (MEPA) Checklist

MARYLAND ENVIRONMENTAL ASSESSMENT FORM

		<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>	
A	Land Use Considerations				
	1	Will the action be within the 100 year flood plain?	X	<i>See Section 5.14, Water Resources, Table 5.14.1 and 5.14.3 for impacts to due to 2015 ALP Alternative and Sponsor's Preferred Alternative, respectively. See Figure 5.14-1 of the EA for 2015 ALP Alternative encroachments on floodplains and Figure 5.14-9 of the EA for encroachments on floodplains due to the Sponsor's Preferred Alternative.</i>	
	2	Will the action require a permit for construction or alteration within the 50 year flood plain?	X	<i>See above (A1). A Joint Federal/State Application for the Alteration of any Floodplain, Waterway, Tidal or Nontidal Wetland in Maryland will be required.</i>	
	3	Will the action require a permit for dredging, filling, draining, or alteration of a wetland?	X	<i>See Section 5.14, Water Resources, Table 5.14.1 and 5.14.3 of the EA for impacts due to 2015 ALP Alternative and Sponsor's Preferred Alternative, respectively.</i>	
	4	Will the action require a permit for the construction or operation of facilities for solid waste disposal including dredge and excavation spoil?		X	Fill and spoil materials are expected to remain on airport property.
	5	Will the action occur on slopes exceeding 15 percent?		X	
	6	Will the action require a grading plan or a sediment control permit?	X		A grading plan will be developed as part of the Sediment Control Plan. An Erosion and

			YES	NO	COMMENTS
					Sediment Control/ Stormwater Management Permit will be obtained from MDE. See <i>Section 5.14, Water Resources</i> of the EA.
	7	Will the action require a mining permit for deep or surface mining?		X	
	8	Will the action require a permit for drilling a gas or oil well?		X	
	9	Will the action require a permit for airport construction?	X		
	10	Will the action require a permit for the crossing of the Potomac River by conduits, cables, or other like devices?		X	
	11	Will the action affect the use of a public recreation area, park, forest, wildlife management area, scenic river, or wildland?	X		<i>De minimis</i> impacts to BWI Trail and Andover Park. See <i>Section 5.5, DOT Act, Section 4(f)</i> of the EA.
	12	Will the action affect the use of any natural or man-made features that are unique to the county, State, or nation?		X	
	13	Will the action affect the use of an archaeological or historical site or structure?		X	
B	Water Use Considerations				
	14	Will the action require a permit for the change of the course, current, or cross section of a stream or other body of water?		X	
	15	Will the action require the construction alteration, or removal of a dam, reservoir, or waterway obstruction?		X	
	16	Will the action change the overland flow of storm water or reduce the absorption capacity of the ground?	X		<i>See Section 5.14, Water Resources, Table 5.14.2 and 5.14.4 for net impervious area changes due to the 2015 ALP Alternative and Sponsor's Preferred Alternative, respectively. Stormwater management will be designed and implemented in</i>

			YES	NO	COMMENTS
					accordance with MDE guidelines and regulations.
	17	Will the action require a permit for the drilling of a water well?		X	
	18	Will the action require a permit for water appropriation?		X	
	19	Will the action require a permit for the construction and operation of facilities treatment or distribution of water?		X	
	20	Will the project require a permit for the construction and operation of facilities for sewage treatment or land disposal of liquid waste derivatives?		X	
	21	Will the action result in any discharge into surface or subsurface water?	X		<p>See <i>Section 5.14, Water Resources</i>, Table 5.14.1 and 5.14.3 for impacts due to 2015 ALP Alternative and Sponsor's Preferred Alternative, respectively.</p> <p>See <i>Section 5.14.5, Mitigation</i> for avoidance and mitigation measures using stormwater management techniques. Stormwater treatment requirements for the proposed projects were determined in accordance with MDE's <i>Stormwater Management Guidelines for State and Federal Projects</i>. Concepts for stormwater quantity management are discussed by project, including use of ESD practices, structural BMPs, and water quality credits. See <i>Appendix L, Attachment 1</i> for details on stormwater treatment requirements by project.</p>

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
					At the time of design for each project, stormwater design will adhere to MDE guidelines and regulations. A Stormwater Management Concept Report will be provided during project design.
	22	If so, will the discharge affect ambient water quality limits or require a discharge permit?		X	
C	Air Use Considerations				
	23	Will the action result in any discharge into the air?	X		The project-related emissions would not exceed the CAA/General Conformity <i>de minimis</i> levels for O ₃ or SO ₂ . Short-term construction impacts will be temporary. See <i>Section 5.1, Air Quality</i> .
	24	If so, will the discharge affect ambient air quality limits or produce a disagreeable odor?		X	
	25	Will the action generate additional noise which differs in character or level from present conditions?	X		Compared with the No Action Alternative, the noise contours in the both alternatives expand towards north of Runway 10 where the maintenance run-up operations at the proposed Airline Maintenance Facility are have the potential to occur, as shown in Figures 5.11-1 and 5.11-2. No additional housing units or residents exist between the No Action and Proposed Action Alternatives (for 2022 and 2027), and therefore the threshold for

			YES	NO	COMMENTS
					significant noise impact was not exceeded and no mitigation is required. Short-term construction impacts will be temporary. See Section 5.11, <i>Noise and Noise-Compatible Land Use</i> .
	26	Will the action preclude future use of related air space?		X	
	27	Will the action generate any radiological, electrical, magnetic, or light influences?	X		The alternatives include new and relocated sources of light emissions, however it would not significantly change the light emissions from the Airport. See Section 5.13, <i>Visual Effects of the EA</i> .
D	Plants and Animals				
	28	Will the action cause the disturbance, reduction, or loss of any rare, unique, or valuable plant or animal?		X	Due to the documentation of the federally-threatened and state-endangered swamp pink (<i>Helonias bullata</i>) in the project area, a Draft Biological Assessment was prepared in January 2020. The USFWS issued a “May Affect, but is Not Likely to Adversely Affect” determination for the swamp pink in February 2020 with the stipulation that conservation measures included in the Biological Assessment are adhered to in the swamp pink habitat. Coordination with MDNR Wildlife and Heritage Service (WHS)

			<u>YES</u>	<u>NO</u>	<u>COMMENTS</u>
					has been conducted to ensure that adverse impacts to swamp pink populations and the associated supporting habitat have been avoided.
	29	Will the action result in the significant reduction or loss of any fish or wildlife habitats?		X	No significant impacts, however impacts would occur to forest designated as either Potential FIDS or High Quality Potential FIDS Habitat by MDNR; however, impacts will be avoided and minimized in sensitive areas, such as the Wetlands of Special State Concern. Some fragmentation is unavoidable, but there is extensive FIDS habitat in the surrounding area that can support the avian species that may be present.
	30	Will the action require a permit for the use of pesticides, herbicides, or other biological, chemical, or radiological control agents?		X	
E	Socio-Economic				
	31	Will the action result in a preemption of division of properties or impair their economic use?		X	The MAA will need to negotiate individual easements needed for tree removal on private property to meet Part 77 requirements, however under easements the portion of property needed still belongs to the owner and is made available for use by the agency. Thus no division of property would occur. The use of

			YES	NO	COMMENTS
					the property would remain the same and MAA will negotiate individual easements, at appraised fair market value, with each impacted landowner, to compensate for any potential change in property value.
	32	Will the action cause relocation of activities or structures, or result in a change in the population density or distribution?		X	
	33	Will the action alter land values?		X	The action will not directly alter land values; for trees removed from private property to meet Part 77 requirements, MAA will negotiate individual easements, at appraised fair market value, with each impacted landowner.
	34	Will the action affect traffic flow and volume?	X		Under both alternatives, the improvements would help improve on-airport traffic congestion and serve the increased traffic and growth anticipated into the future with a quality level of service. For off-airport traffic, the increase of traffic volumes in the both alternatives would result in virtually no changes versus the No Action Alternative for either 2022 or 2027 conditions. <i>Section 5.12, Socioeconomics, EJ, and Children's Health and Safety Risks.</i>

			YES	NO	COMMENTS
	35	Will the action affect the production, extraction, harvest, or potential use of a scarce or economically important resource?		X	
	36	Will the action require a license to construct a sawmill or other plant for manufacture of forest products?		X	
	37	Is the action in accord with federal, state, regional, and local comprehensive or functional plans—including zoning?	X		
	38	Will the action affect the employment opportunities for persons in the area?	X		Increased employment would be expected during the construction period.
	39	Will the action affect the ability of the area to attract new sources of tax revenue?		X	
	40	Will the action discourage present sources of tax revenue from remaining in the area, or affirmatively encourage them to relocate elsewhere?		X	
	41	Will the action affect the ability of the area to attract tourism?		X	
F	Other Considerations				
	42	Could the action endanger the public health, safety, or welfare?		X	
	43	Could the action be eliminated without deleterious effects to the public health, safety, welfare, or the natural environment?		X	Eliminating the projects to remove Part 77 obstructions as well as several on-airfield projects would have deleterious effects to safety of airport operations, as well as the safety of the community would have deleterious effects.
	44	Will the action be of Statewide significance?		X	
	45	Are there any other plans or actions (federal, State, county, or private) that, in conjunction with the subject action, could result in a cumulative or		X	

			YES	NO	COMMENTS
		synergistic impact on the public health, safety, welfare, or environment?			
	46	Will the action require additional power generation or transmission capacity?		X	
	G	Conclusion.			
	47	This Agency will develop a complete Environmental Effects Report on the proposed action.		X	An Environmental Effects Report is not needed, as the NEPA review and documentation will satisfy the MEPA requirements.
Additional State Requirements					
	48	Tree Impacts	X		<i>See Section 5.2, Biological Resources</i> for discussion of tree removal requirements and mitigation.
	49	Chesapeake Critical Area		X	