



## Westchester County Airport AEMS Airport Activities

X = Actual      P = Potential

**GREEN = POSITIVE / BLACK = NEGATIVE**

Activity	Examples	Environmental Aspects (Actual and Potential)	Significant Environmental Impacts (Actual and Potential)											
			Conserve Nonrenewable Resources (Oils, Plastics, Metals)	Protect the Watershed	Improve Soil Quality	Degrade Air	Degrade Blind Brook	Degrade Groundwater	Degrade Rye Lake	Degrade Soil	Degrade Other Surface Water (through the sanitary sewer)	Noise	Use Water	
Operate Vehicles & Equipment	Operate APUs, snow blowers, tugs, lawn mowers, generators, compressors, jet bridges, sweepers, power tools	Air Emissions, Noise, Potential to Spill or Leak				X	P	P	P	P	P		X	
Operate Airplanes	Operate aircraft or helicopters	Air Emissions, Noise, Potential to Spill or Leak				X	P	P	P	P			X	
Service Aircraft	Remove wastes, Supply water	Wastewater, Recyclables, Water Usage, Universal Waste (Recycled)	X									P		X
Mobile Fueling	Fuel aircraft, equipment and vehicles using mobile transporter	Air Emissions, Potential to Spill or Leak				X	P	P	P	P				
Fueling at Fuel Stations	Fuel equipment or vehicles at fuel stations	Air Emissions, Potential to Spill or Leak				X	P	P	P	P				
Fuel Farm Operation	Fuel bulk unloading, Fuel truck loading, Sump tanker	Air Emissions, Potential to Spill or Leak, Waste Fuel (Recycled)	X			X	P	P	P	P				
Petroleum and Chemical Storage	Store oils or fluids in tanks (UST and AST) or containers	Air Emissions, Potential to Spill or Leak				X	P	P	P	P		P		
Clean Vehicles, Equipment & Aircraft	Wash vehicles, equipment or aircraft	Wastewater, Potential to Spill or Leak, Water Usage, Recyclables, Universal Waste (Recycled)	P									P		X
Deicing	Operate deicing fluid or anti-ice collection system, Spray anti-ice and deicing fluid	Air Emissions, Runoff, Wastewater, Potential to Spill or Leak, Noise				X	P	P	P	P		P	X	
Repair and Maintain Vehicles and Equipment	Paint parts, Replace parts, Use chemicals or oils, Use parts washer, Weld and solder	Air Emissions, Wastewater, Potential to Spill or Leak, Recyclables, Universal Waste (Recycled), Used Oil (Recycled)	X			X						P		
Repair and Maintain Aircraft	Paint parts, Replace parts, Use chemicals or oils, Use parts washer, Sump aircraft	Air Emissions, Wastewater, Potential to Spill or Leak, Recyclables, Waste Fuel (Recycled), Used Oil (Recycled), Universal Waste (Recycled)	X			X						P		
Manage Waste	Collect and dispose of construction debris, electronics and computers, hazardous, solid, universal, liquid, used oil, and medical wastes	Air Emissions, Potential to Spill or Leak	X			X	P	P	P	P		P		
Store Vehicles, Equipment or Aircraft	Store inside or outside	Potential to Spill or Leak						P	P	P	P	P		
Prepare Food	Catering for passengers, food service in terminal	Recyclables, Water Usage	P											X
Operate and Maintain Facility	Clean, Repair, Heat, Cool, Light, Control Pests, Landscape, Operate oil/water separators	Wastewater, Potential to Spill or Leak, Water Usage, Air Emissions, Noise, Runoff, Recyclables, Universal Waste (Recycled), Used Oil (Recycled), Potential to Intrude into Environmentally Sensitive Areas	X			X	P	P	P	P		P	X	X
Construct and Renovate Facility	Construct or renovate buildings and infrastructure, Paint interiors, Remove asbestos	Air Emissions, Noise, Potential to Spill or Leak, Wastewater, Water Usage, Recyclables, Universal Waste (Recycled), Potential to Intrude into Environmentally Sensitive Areas	X			X	P	P	P	P		P	X	X
Operate and Maintain Ramps, Taxiways, Runways, Parking Lots, Sidewalks and Roads	Clean, Light, Remove snow and ice, Repair	Runoff, Wastewater, Air Emissions, Noise, Potential to Spill or Leak, Water Usage				X	P	P	P	P			X	X
Operate and Maintain Remaining Airport Areas	Maintain buffer zones, sewer lines, stormwater drains and basins, wetlands, and constructed wetlands; Operate cap at landfill; Remediate soil, Sample soil and water, Perform fire and emergency response training (drills).	Air Emissions, Green Space, Potential to Intrude into Environmentally Sensitive Areas, Noise, Runoff, Wastewater, Potential to Spill or Leak, Remediated Soil, Recyclables	P	X	X	X	P	P	P	P		P	X	
Airport Construction	Install or repair ramps, runways, and taxiways; Paint building exteriors or Airport markings; Install sewer lines, stormdrains, or basins, Build parking areas; Install fencing or electric lines, Clear trees	Air Emissions, Noise, Potential to Spill or Leak, Wastewater, Water Usage, Potential to Intrude into Environmentally Sensitive Areas, Runoff, Recyclables	X			X	P	P	P	P		P	X	X
Wildlife Hazard Management Plan	Remove Wildlife Prey Species, Modify Habitat by the removal or thinning of Brushy and wooded Areas. Grass Management, Removal of Standing Water in areas (eg, detention basins). Removal of wetlands	Removal of vegetative cover and increased potential for runoff and erosion, potential damage to mitigated wetland areas located within Detention Basin A and B. Deprivation of possible endangered species						P	P	P	P	P		