

**Case Study: Step 2, BMP Prioritization
- Worksheet -**

◀ Use your professional judgment to prioritize this subset of BMPs applicable to the case study site ▶

	ASTM BMP Category	Applicable Best Management Practice	Priority		
			High	Medium	Low
A	Materials	Use products, packing material, and equipment that can be reused or recycled			
B	Materials	Use crushed concrete for biobarriers or capillary breaks instead of natural rock for landfill covers			
C	Power & Fuel	Use on-site generated renewable energy (including but not limited to e.g., solar photovoltaic, wind turbines, landfill gas, geothermal, biomass combustion, etc.) to fully or partially provide power otherwise achieved generated through onsite fuel consumption or use of grid electricity			
D	Site Preparation/ Land Restoration	Use onsite uncontaminated sand, gravel, and rocks for drainage within landfill cover			
E	Site Preparation/ Land Restoration	Minimize use of pesticides through the use of green alternatives (for example, non-chemical solarizing technique) and an integrated pesticide management plan			
F	Vehicles & Equipment	Minimize diesel emissions through the use of retrofitted engines, ultra-low or low sulfur diesel or alternative fuels, or filter/treatment devices to achieve BACT or MACT			
G	Vehicles & Equipment	Use biodiesel produced from waste or cellulose-based products, preferring local sources wherever readily available to reduce transportation impacts			
H	Vehicles & Equipment	Soundproof all aboveground equipment housing to prevent noise disturbance to surrounding environment			
I	Wastewater	Use uncontaminated wastewater or treated water for tasks such as wash water, irrigation, dust control, constructed wetlands, or other uses			
J	N/A; referenced in US EPA material	Use alternate shipping methods			
K	Materials	Maximize the reuse of existing wells for sampling, injections or extractions, where appropriate, and/or design wells for future reuse			
L	Site Preparation/ Land Restoration	Use lower permeability soils than required by regulation in landfill cover design when soils are available locally to reduce the amount of leachate generated			
M					