

Golden Aluminum Biodiversity Checklist - Fort Lupton, CO



Instructions:

Complete the Biodiversity Checklist by answering each Yes/No Question. If 'No' is the response, corrective actions will be required.

Date: 23-Nov-21

Location: Golden Aluminum, Fort Lupton, CO

Category	Sub Category	Question	Answer	Corrective Action	Responsible Person	Date to be Completed
Avoid sealing of surfaces	Use permeable surface materials	Are most (greater than 50%) of the overall outdoor surface areas porous and permeable to water (covered with grass, paving stones, etc.)?	Yes			
		If planning for additional parking space, will it be permeable?	N/A			
	Conduct un-sealing measures	If planning for removing buildings and facilities that are no longer used, are plans included to return surface to natural state?	N/A			
Conversion into green areas	Greening with native shrubs	Are there plant fences, walls or other border areas with native shrubs and woody plants?	Yes			
	Natural blossoming shrubs	Are there native blossoming shrubs in open areas to provide food for insects?	Yes			
	Extensive flower meadows, Tree Planting	Are there extensive lawn areas or free unsealed space that could be turned into flower meadows or tree lines?	Yes			
	Greening of parking spaces	Are trees planted at the border of parking spaces, and also in between spaces, to create shaded areas for summer?	Yes			
Promote structural diversity	Diverse surface coverings	For new areas or conversions, do you have permeable surface coverings?	N/A			
	Sand and gravel areas	Do you improve rarely used areas through sand and gravel?	Yes			
	Slopes with sparse vegetation	Have you preserved slopes with sparse vegetation?	Yes			
	Preserving deadwood	When pruning plants and trees, do you leave the branches as brushwood in green spaces?	No	Ensure landscape company are putting clippings back into the land	Ryan Thompson	6/1/2022
	Partial areas with pioneer plants	Are partial areas with pioneer plants (hardy species, e.g. moss, nettle, that can acclimate with bare soil) that respond vigorously to poorest conditions, preserved?	Yes			
Promote breeding & nesting sites <i>Located in such a way to attract species away from production and storage areas (for Food Safety reasons)</i>	Moist hollows, small water bodies	Are there moist hollows or small bodies of water as amphibian spawning sites (e.g. rainwater drain-off could be steered into bordering green spaces in the form of ponds)?	Yes			
	Stone piles as refuge for amphibians	Are there stone piles near ponds as a refuge for amphibians, such as toads?	Yes			
	Insect, bee hotels	Are there insect hotels at a plant fence?	No	Not applicable because site must maintain Food Safety Requirements per customer requirement.		
Promote food sources <i>Located in such a way to attract species away from production and storage areas (for Food Safety reasons)</i>	Flowering shrubs nectar/pollen sources	Are there flowering plants to attract insects?	Yes			
	Berry bearing native shrubs and trees	Are there shrubs and trees planted with berries to attract birds?	Yes			
Reduce risk of death for animals	Reduce bird strike on glass	If there are big glass surfaces, do you consider installing measures to reduce the risks of bird strikes (e.g. window decals, bird safety films)?	N/A			
	Reduce lighting	Is lighting reduced to the necessary level to avoid light emissions at the expense of climate change - as well as reducing impacts on insects and bats?	No	Conduct lighting evaluation to determine if and location for voltage reduction.	Ryan Thompson	9/1/2022
	Use "insect friendly" light sources	Are light sources used with a low portion of ultraviolet and blue in the spectrum?	No	Conduct lighting evaluation to determine if and location for voltage reduction.	Ryan Thompson	9/1/2022
(Near-)natural maintenance of areas	Controlling invasive plants	Are mitigation processes in place to reduce the risk of inhabitation of invasive species that are potentially habitat destroying?	Yes			
	Use of pesticides	Do you avoid the use of pesticides?	No	Pesticides used to meet food safety requirements.		
	Sustainable use of cuttings	Are grass cuttings used in a sustainable way (e.g. composted, after mowing and pruning)?	Yes			
	Landscape care plan	Is there a landscape care plan/expert maintenance plan for all green areas?	Yes			
Overall	Overall concept	Are your biodiversity measures integrated into an overall concept that is in line with other sustainability goals, (e.g. energy reduction)?	Yes			