

R Real Sweet Melons, LLC
Environmental Risk Assessment

Resource Area	Mitigations in Place	Potential Impacts
Physical Climate Change related impacts		
Greenhouse Gas (GHG) Emissions		
Raw material and energy consumption	<p>Energy efficiency measures that have been implemented</p> <ul style="list-style-type: none"> • Improved insulation • New equipment • High efficient HVAC systems • LED lighting <p>Workers have been trained to operate and maintain equipment</p>	
Water usage and pollution	<p>Well</p> <p>Not in area of water stress</p> <p>Current products not defined as low water impact</p> <p>Monitoring usage</p> <p>No waste water treatment onsite</p>	<p>There are no short- or long-term impacts to water quality. The site has already been cleared and site development has been accomplished by the owner more than 10 years ago. Due to the flat nature of the site, there is little to no erosion evidenced on the site. Thus, there would be no short- or long-term impacts to water quality</p>
Soil and groundwater contamination		<p>The CWA and EO 11990 define wetlands as “those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence if vegetation typically adapted for life in saturated conditions. Wetlands generally include swamps, marshes, bogs, and similar areas.” This site does not fall into this category.</p>
Air quality	<p>Air emissions not legally mandated</p> <p>No flaring/venting gas during production activities</p> <p>No stack emissions</p> <p>No livestock-related emissions</p> <p>No manure usage (ammonia)</p> <p>Vehicle use to a minimum</p>	
Noise		
Waste management	<p>Monitor waste generated</p> <ul style="list-style-type: none"> • Municipal solid waste • Organic waste <p>Measures in place</p> <ul style="list-style-type: none"> • Promote material reuse and repurposing • Packaging optimization • Minimizing void filling and sustainable material selection • Adopted waste segregation and recycling programs 	

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	<ul style="list-style-type: none"> • Diversion of organic waste for animal feed or composting Employee training 	
Chemical management	Chemical inventory maintained No mercury, POPs, SOCs, SVHCs, ODSs or microplastics Proper storage and segregation Chemical spill plan in place Chemical training for workers	
Biodiversity and ecosystems	Not located in/near biodiversity sensitive area IPM required for growers <ul style="list-style-type: none"> • Monitor non-chemical methods • Assess pesticide risk • Documented justification for use of pesticides • Crop rotation to manage pests and diseases • Use of cover crops 	<p>Section 7 of the Endangered Species Act (ESA) of 1973 directs federal agencies to utilize their authorities in furtherance of the purposes of the Act by carrying out programs for the conservation of listed species or designated critical habitats. The USFWS is the agency that regulates compliance with the ESA. Furthermore, migratory birds are protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. Any activity that results in the take of migratory birds or eagles is prohibited unless authorized by the USFWS. There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured. Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible in complying with the appropriate regulations and implementing appropriate conservation measures.</p> <p>There would be no short- or long-term impacts to threatened and endangered species or critical habitat. The site has been cleared and undergone site preparation and filling by the owner more than 10 years ago. It is now mowed periodically and is vegetated by a variety of landscaping. Soils consist of sand and silt. No fauna were observed on the site although bird species were observed in adjacent vegetation.</p>
Deforestation	Suppliers provide audit certificates	