

**Table 1. Management of Actual and Potential Adverse Effects – Point Solar Farm.**

<b>Effect</b>	<b>Actual / Potential Adverse Effect</b>	<b>Nature of Effect</b>	<b>Relevant Conditions / Management Measures</b>
<b>Landscape &amp; Visual Amenity</b>	Change to rural character and visual dominance of solar panels	Actual	Implementation of Landscape Mitigation Strip planting
			Requirement for screening to achieve a height of 3 m
			Requirement for a Landscape Management Plan, including planting methodology
			Preparation of a Pest Animal and Weed Management Plan
			Requiring all panels, inverters, fencing and structures to be finished in dark, recessive colours
			Maximum height of panels of no more than 4.5m
<b>Glare &amp; Reflection</b>	Glint and glare affecting avifauna, adjacent landowners / residents and road users	Potential	Panels to be non-reflective / low-glare photovoltaic materials
			Implementation of Landscape Mitigation Strip planting
<b>Traffic &amp; Access</b>	Increased heavy vehicle movements during construction	Actual (construction)	Requirement of a Construction Traffic Management Plan
			Limitation on maximum heavy truck movements
			Defined construction hours

<b>Construction Noise</b>	Construction noise from piling, machinery and vehicles	Actual	Defined construction hours
			Requirement for compliance with NZS 6803 noise limits
			Preparation of a Construction Noise Management Plan
<b>Ecology &amp; Vegetation</b>	Loss of pasture and minor vegetation clearance	Potential	Preparation of a Pest Animal and Weed Management Plan
			Preparation of a Lizard Management Plan to manage any potential effects on indigenous kinks / geckos
			Requirements for a suite of avifauna management measures, including site inspection.
			Requirement for a Literature Review to be undertaken on bird collision
			Preparation of an Avifauna Management Plan
			Preparation of a Bird Collision Management Plan
			Limitations on standard resting position at night-time for panels in relation to avifauna
			Preparation of a Robust Grasshopper Management Plan
			Preparation of an Ecological Enhancement Plan
		Potential	Limits on how earthworks and construction works are to be undertaken on Site

<b>Stormwater &amp; Erosion</b>	Increased runoff and sediment discharge during earthworks and construction for the Solar Farm		Preparation of an ESCP
			Preparation of a CMP
			Limit condition requiring there to be no dust beyond the boundary of the site
			Requirement for the provision of detailed stormwater plans
			Requirement for inspection of the stormwater system
<b>Soil &amp; Groundwater Contamination</b>	Discharge of contaminants into soil and groundwater in relation to solar infrastructure	Potential	Preparation of a State of Environment Monitoring Plan to provide a framework for monitoring
			Suite of soil and groundwater monitoring parameters
			Preparation of a Decommissioning Management Plan
<b>Fire Risk</b>	Increased fire risk in relation to solar farm activities on site	Potential	Requirement for detailed design drawings to be provided showing access and fire water tanks
			Preparation of a Construction Fire Risk Management Plan

			Preparation of an Emergency Response Plan for the construction stage
			Preparation of an Emergency Response Plan for the operational stage
			Operational fire risk mitigation measures
<b>Cultural Values / Iwi Interests</b>	Adverse effects on values, rights and interests held by ka runaka	Actual	Provision for a Kaitiaki Forum
			Notification of works (including Kaitiaki Forum)
			Preparation of an Ecological Enhancement Plan
			Accidental discovery protocols for archaeological sites or waahi tapu