

Attachment 6a – Emissions & Discharges*Distance to sensitive land uses and specified ecosystems**189 Rosamel Road PARKFIELD WA 6233*

	Emission/Discharge type	Controls
1.	Contaminated/uncontaminated water Stormwater runoff	<ul style="list-style-type: none">Stormwater runoff from potentially contaminated areas (solid waste storage area, abattoir, livestock holding yards) directed to wastewater treatment system.Uncontaminated stormwater directed to surrounding land and soak wells.
2.	Dust Vehicle/livestock activity	<ul style="list-style-type: none">Sealed livestock holding yards.Driveways & roads surrounding processing facility sealed.Compacted crushed limestone installed on vehicle access road located at northeast corner of premises.
3.	Odour Abattoir & livestock holding operations.	<ul style="list-style-type: none">Effective management of wastewater treatment system designed to enable efficient breakdown of nutrients.Livestock holding yards washed daily.Daily removal of abattoir by product material/waste to licensed facility.
4.	Waste and leachate Abattoir & livestock holding operations.	<ul style="list-style-type: none">Animal blood directed from production area to blood containment tank for storage. Blood removed from premises daily for further processing at licensed facility.Livestock holding yards constructed with concrete flooring and bunding to prevent live animal waste and contaminated water discharging to the environment.Waste water from abattoir processing and livestock holding yards directed through solid screens to wastewater treatment system.Abattoir by product, waste/paunch material and screened solids stored in purpose built impermeable containers and trailers and removed from premises daily to licensed facility.Treated wastewater directed from wastewater treatment plant and stored in 2 x 32,000kL sealed, impermeable storage tanks.
5.	Wastewater discharges. Contaminated wastewater, animal waste and wastewater to surrounding environment from abattoir, wastewater treatment system, waste storage and livestock yards.	<ul style="list-style-type: none">Abattoir and Livestock holding yards are concrete lined and bunded to prevent runoff and seepage of contaminated water and animal waste to the environment.Wastewater and animal waste from abattoir and livestock holding yards is directed via drainage and bunding through screens to wastewater treatment system.Wastewater treatment system consists of primary and secondary screens, a HDPE lined aerobic wastewater treatment pond, six clay lined facultative ponds and a reverse osmosis treatment plant. Treated water transferred and stored in impermeable storage tanks and used for washing livestock holding yards. To enable servicing or maintenance of the wastewater treatment system, wastewater may be recovered from final facultative pond for disposal offsite to a licensed facility.