Impact Assessment Chart – CHICKEN HOUSES

POTENTIAL ENVIRONMENTAL IMPACT	ACTIVITY	ENVIRONMENTAL SIGNIFICANCE BEFORE MITIGATION								CUMULATIVE	STATUS	RECOMMENDED MITIGATION MEASURES / REMARKS	ENVIRONMENTAL SIGNIFICANCE AFTER MITIGATION							
		M	D	S	I	R	P	TOTAL	SS				M	D	S	I	R	P	TOTAL	SS
TOPOGRAPHY																				
Dust	Dust coming from vehicles on gravel roads either delivering or collecting of stock	6	5	2	2	3	5	90		90	Negative	Reduction in speed. Combining deliveries into one truck	4	5	2	1	2	3	42	
Noise	Vehicle noise from deliveries / collections	4	5	2	1	3	3	45		45	Negative	Reduce speed and delivery consolidations	4	3	2	1	2	3	36	
Smells / odours	Chicken manure may cause smells	6	3	2	2	3	4	64		64	Negative	strict bio-security; no water leaks; ventilate to keep dry	4	3	2	1	2	3	36	
Flies	Flies breeding due to wet manure and stock piles on site	8	3	2	2	3	3	54		54	Negative	Removal from site of manure; no stock piles on sit	4	3	2	1	2	2	24	
Coal	Bulk coal stored in a small bunker area pollute the environment	10	3	1	3	3	5	100		100	Negative	Bulk coal to be bunkered. Current coal dirt to be removed	4	3	1	1	2	2	22	
Bottom Ash	Ash from heating system pollutes the soil and environment	10	3	2	2	3	5	100		100	Negative	Bottom ash to be contained and disposed as fertiliser onto the land as per the DFFE Authorisation	2	3	1	1	1	1	8	
Road damage	Vehicles will damage the roads	6	3	3	3	3	3	54		54	Negative	Restrict speed, utilise tarred road and not gravel where possible, consolidate deliveries to one vehicle where possible	4	3	3	2	2	2	28	
Animal Health	larger numbers will increase the possibility of disease on the farm and adjacent farms	6	5	2	3	3	3	57		57	Negative	Strict bio-security rules to be implemented; no unauthorised entry to property; chicken houses protected from other birds enterieng the house; strict staff rules	4	5	2	1	2	2	28	
Water	Abstration of water from borehole may impact the water table of the area	6	4	2	3	3	3	54		54	Negative	Agricultuure and has the right to abstract for watering of animals, water is is strictly controlled and no excessive water is taken for any other purposes than animals	2	3	2	2	2	2	22	
Chicken Waste	Transporting chicken waste from the farm to areas for fertiliser may blow around in the wind	6	4	3	2	3	4	72		72	Negative	Removal always in an enclosed truck or the load must be covered with a tarpauline	2	3	3	2	2	2	24	
Employment	Increased employment oportunities for local community	4	3	2	0	3	3	36		36	Positive	Employment of local labour is preferred as the area is short of opportunities	4	3	2	0	2	3	33	
Food	Food security	8	3	3	1	3	3	54		54	Positive	Additional fresh meat to the market and a better supply in the food security chain of the country	8	3	4	0	3	3	54	