Column E Explanation

This form is intended as an aid to complete the Column E explanation. It is not an official form and its use is voluntary. Annual Reports and explanations should NOT include Pll information such as names (principle investigators and research staff), addresses, protocols, meeting notes (either in part of in full), the animals room numbers, grant information, veterinary care programs, and the like. A Column E explanation must be written so as to be understood by lay person as well as scientists.

1.	Registration	Number: <u>63-R-0</u>	107	_
2.	Number	4	of animals	s used in this study.
3.	Species (cor	mmon name) <u>Hai</u>	mster	of animals used in this study.
4.	Explain the procedure producing pain and/or distress. Explanations should include a brief description of the procedure, but also explain what the animal's experience, examples of which may include, but are not limited to: Neurological signs, seizures, tremors, paralysis, lethargy, inappetance, respiratory signs, Gl distress, vomiting, and diarrhea.			
infect for si	tion (intraperi gns of disease	toneal, transderma . Urine collection a	al, conjunctival, sub	n model of human leptospirosis. Different routes of ecutaneous) will be used and animals will be monitored easurements will be performed daily and blood nen every 7 days.
movi	ng. A scoring s	system has been cr	eated for this proje	ce, weight loss, lethargy, conjunctivitis and difficulty ect and include the following euthanasia criteria: love, permanently closed eyes.
5.			on(s) for why anes d testing, see Item	sthetics, analgesics and tranquillizers could not be 6 below).
Analg may a immu	gesics are not alter the progi unomodulator	used in this study of ression of disease of y effects, including	due to concerns tha and infection. Opioc g inhibition of antibe	or all blood collections and at the time of euthanasia. It steroids or non-steroidal anti-inflammatory agents d administration is also associated with ody and cellular responses, natural killer cell activity, d phagocytic acitivity.
6.		-	·	cedure? Cite the agency, the code of Federal section number (e.g. APHIS, 9 CFR 113.102):
	Agency_		CFR	