

MEMORANDUM

Date: December 21, 2007
To: File
From: nvandyke
Re: Field Report Narrative

This license is for a very small sprinkler system for a third of an acre on a 3 acre lot. Place of use is the SENW Sec16 T01N R03W on the Owyhee County side of the Snake River near Givens Hot Springs. Point of diversion is a small 1.5hp pump that pulls water directly from the snake. Intake pipe and all pipe connecting system is 1 and one quarter inch pvc line. System is divided into two zones. Zone one has five sprinkler heads and zone two has seven heads. Nozzle size on sprinklers is 1/8 of an inch. Due to design of system no direct measurement could be made on discharge of pump. See theoretical calculations. Last page of this field report is the pump manufacturers specifications on pump used. Model number between pump on specification sheet and model number on pump actually used is different, however phoned manufacturer and was informed output is the same.