

# **NOXIOUS WEEDS MANAGEMENT PLAN SODA LAKE EXPLORATION PROJECT**

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## LIST OF ACRONYMS & ABBREVIATIONS

**Magma**      Magma Energy (US) Corp.

# NOXIOUS WEED MANAGEMENT PLAN SODA LAKE EXPLORATION PROJECT

## 1.0 INTRODUCTION

Magma Energy (US) Corp. (Magma) is planning a geothermal exploration drilling program at Soda Lake located near Fallon, Nevada. The proposed project as described in *Environmental Assessment Soda Lake Geothermal Exploration Project Magma Energy (U.S.) Corp.* includes the construction of nine drill pads and associated access roads for a total disturbance of 21 acres (BLM, 2010). This Noxious Weed Management Plan is being developed in order to help control noxious weed species from becoming established in areas disturbed by this project.

Noxious weeds within Nevada are defined in the Nevada Revised Statutes 555.05 as “any species of plant which is, or is likely to be, detrimental or destructive and difficult to control or eradicate.” The Nevada Department of Agriculture Plant Industry Division provides a list of all weeds currently listed as noxious for the State of Nevada. Noxious weeds in Nevada are divided into three categories as identified below. This management plan treats all three categories equally as far as treatment when identified.

Category A weeds are currently not found or found in limited distribution throughout the state. These species are actively excluded from the state and actively eradicated. Control is required by the state on all infestations.

Category B weeds are those that are established in scattered populations in some counties of the state; actively excluded where possible, actively eradicated from nursery stock dealer premises; control required by the state in areas where populations are not well established or previously unknown to occur.

Category C weeds are species that are currently established and generally widespread in many counties of the state; actively eradicated from nursery stock dealer premises; abatement at the discretion of the state quarantine officer.

## **2.0 NOXIOUS WEED MANAGEMENT PLAN**

In order to minimize the establishment of noxious weeds within the project area, Magma would use the following environmental protection measures:

- Use certified weed-free seed mixes during revegetation of disturbed areas;
- Complete concurrent reclamation when feasible in order to minimize disturbed areas where weed species could establish;
- Revegetate growth medium and overburden stockpiles with a weed-free seed mix as soon as possible following stockpile completion;
- Restrict vehicle traffic to defined roads or overland travel routes to reduce potential mechanical transport of noxious weed seeds; and
- Wash all vehicles that are within areas of established noxious weed populations prior to leaving the site.

Along with these environmental protection measures, Magma would conduct the weed surveys and treatment described below, as necessary.

### **2.1 NOXIOUS WEED SURVEYS**

Surveys for State of Nevada noxious weed species would take place within areas disturbed by Magma's Soda Lake exploration project every two years following the initial disturbance. These surveys would continue until successful reclamation of disturbance has been achieved. Successful reclamation is determined through the Nevada Guidelines for Successful Revegetation for the Nevada Division of Environmental Protection, the Bureau of Land Management and the U.S.D.A. Forest Service. Surveys would consist of walking disturbance and identifying locations of noxious weed infestations using a Trimble global positioning unit.

### **2.2 NOXIOUS WEED TREATMENT**

If noxious weed species are found within the pads and roads associated with the Soda Lake exploration plan, appropriate treatment for the type of species present would take place. A certified individual would complete treatment of noxious weed species.

### 3.0 REFERENCES

Bureau of Land Management (BLM). 2010. Environmental Assessment Magma Energy (U.S.) Corp. Soda Lake Geothermal Exploration Project DOI-BLM-NV-C010-2010-008-EA. United States Department of the Interior, Bureau of Land Management Carson City District, Stillwater Field Office. July 2010.

Nevada Department of Agriculture, Plant Industry Division. 2010. Noxious Weeds List. Available at [http://agri.nv.gov/nwac/PLANT\\_NoxWeedList.htm](http://agri.nv.gov/nwac/PLANT_NoxWeedList.htm). Accessed July 2010.