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## **Reference: Field Survey Summary – Rare Plant Survey - BPIII**

### **OBJECTIVE**

A visit was made of BPIII monitoring site S1-PRA-900 to understand the status and prevalence of hairy prairie clover (*Dalea villosa*). This land is privately owned. This plant is listed as threatened under *The Endangered Species and Ecosystem Act* of Manitoba. Some hairy prairie clover plants may have been damaged during transmission line maintenance the previous year. This survey was to determine if plants survived and persisted at this site and identify future mitigation.

### **METHODS**

A site visit was made by vehicles on Wednesday, September 8<sup>th</sup>. The site was carefully surveyed on foot by a biologist. The weather was +20c and sunny.

### **RESULTS**

Hairy prairie clover plants were found growing in four locations at this site. Each site supported 2-8 individual plants in various sizes. Over 20 individual plants were observed in total. All plants had finished blooming and gone to seed. Plants appeared to be in good health. Generally, hairy prairie clover continues to be part of the local flora community at this site. The plants grew on the edge of the sandy dunes within the right-of way, as expected. The site did continue to show evidence of some herbicide application from a previous year. The site supports a variety of native prairie plants including big bluestem (*Andropogon gerardi*), little bluestem (*Schizachyrium scoparium*), creeping juniper (*Juniperus horizontalis*), harebell (*Campanula rotundifolia*), goldenrod (*Solidago*), and prairie sage (*Artemisia ludoviciana*). Leafy spurge (*Euphorbia esula*) was also identified. Some evidence of recent vehicle use of the site was also evident, including truck and ATV tracks in the sand.

### **RECOMMENDATIONS AND CHANGES**

Prevent future damage to hairy prairie clover plants at this site from the operation of the Bipole III project. An additional mitigation measure will be applied to this environmentally sensitive site through the Bipole III operation environmental protection plan to minimize or prevent the use of herbicides near hairy prairie clover plants.

## PHOTOS



Hairy prairie clover plant on the Bipole III right of way at monitoring site S1-PRA-900.





Hairy prairie clover plant on the Bipole III right of way at monitoring site S1-PRA-900.





Hairy prairie clover plant on the Bipole III right of way at monitoring site S1-PRA-900.



Photo of the Bipole III right of way at monitoring site S1-PRA-900.