

Solar Summit 2022

Colleen Hollinger



Solar Site Vegetation Case Study

Every County in MN has Different Requirements

Partner with Experienced Teams/Subcontractors

Share Information Between Teams



Case Study: Site Screening



- Review Permitting Specs
- Confirm Soil Conditions

Case Study: Site Screening

- Review Permitting Specs
- Confirm Soil Conditions

- Request Recommendations from Professionals

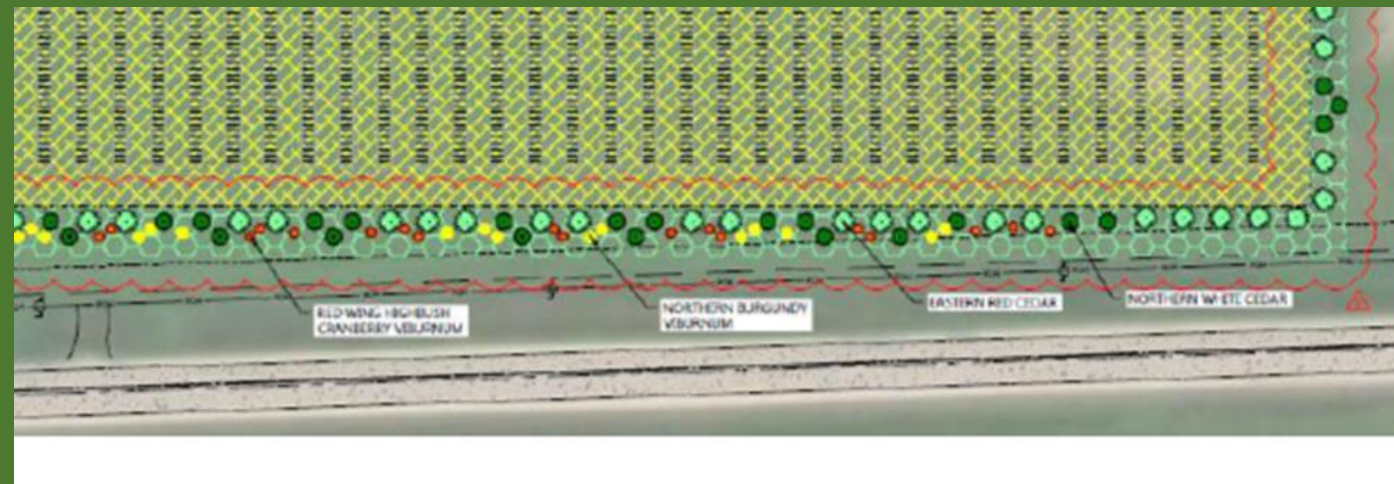
- Increased Diversity = Increased Survival, Decreased Future Problems

Case Study- Site Screening

Initial plan



Plan Approved



Case Study- Site Screening

Review Permitting Specs

Arrowood Viburnum 'Northern Burgundy'	<i>Viburnum dentatum</i>	28	4'	container
Highbush Cranberry Viburnum	<i>Viburnum trilobum</i>	18	2-2.5'	container

Case Study- Site Screening

- Review Permitting Specs
- Confirm Site Conditions



Case Study-Site Screening

Review Permitting Specs

Confirm Site Conditions

Request Recommendations
from Professionals

“..Sandy, moist but well-draining soil conditions are key to a healthy balsam fir tree.” ~ USFS.



Case Study- Screening

Review Permitting Specs

Confirm Site Conditions

Request Recommendations
from Professionals



Case Study - Vegetation

Review Permitting Specs

Increase Diversity

Match Species to
Site Conditions and Location



Case Study - Vegetation



Case Study - Vegetation



Case Study - Vegetation

MN Dept of Ag Grant with
Cannon Valley Graziers

Study:

Ideal Grazing Mixes on Solar



Case Study - Vegetation

MN Dept of Ag Grant with
Cannon Valley Graziers & NRS

Study: Grazing Seed Mixes on Solar

In Development:

**“Wings & Wool Seed Mixes”
for Midwest Solar**



Case Study - Vegetation

MN Dept of Ag Grant: Cannon Valley Graziers & NRS

- Good Sharing of Data
- Site Suitability
- Identifying Best Sites

Case Study - Vegetation

54 Million Acres of Land in MN

25 Million Acres of It Is In Ag

3.25 Million of Ag Acres in Grazing

Original MN Native Prairie 18 Million Acres

< 1% Remaining = **180,000 Acres**

Case Study - Vegetation

Native Prairie <1% Remaining = 180,000 Acres

Native Habitat IS an Excellent Use



Thank You BWSR, Great Plans Institute & Sponsors

