

NPV Analysis Report

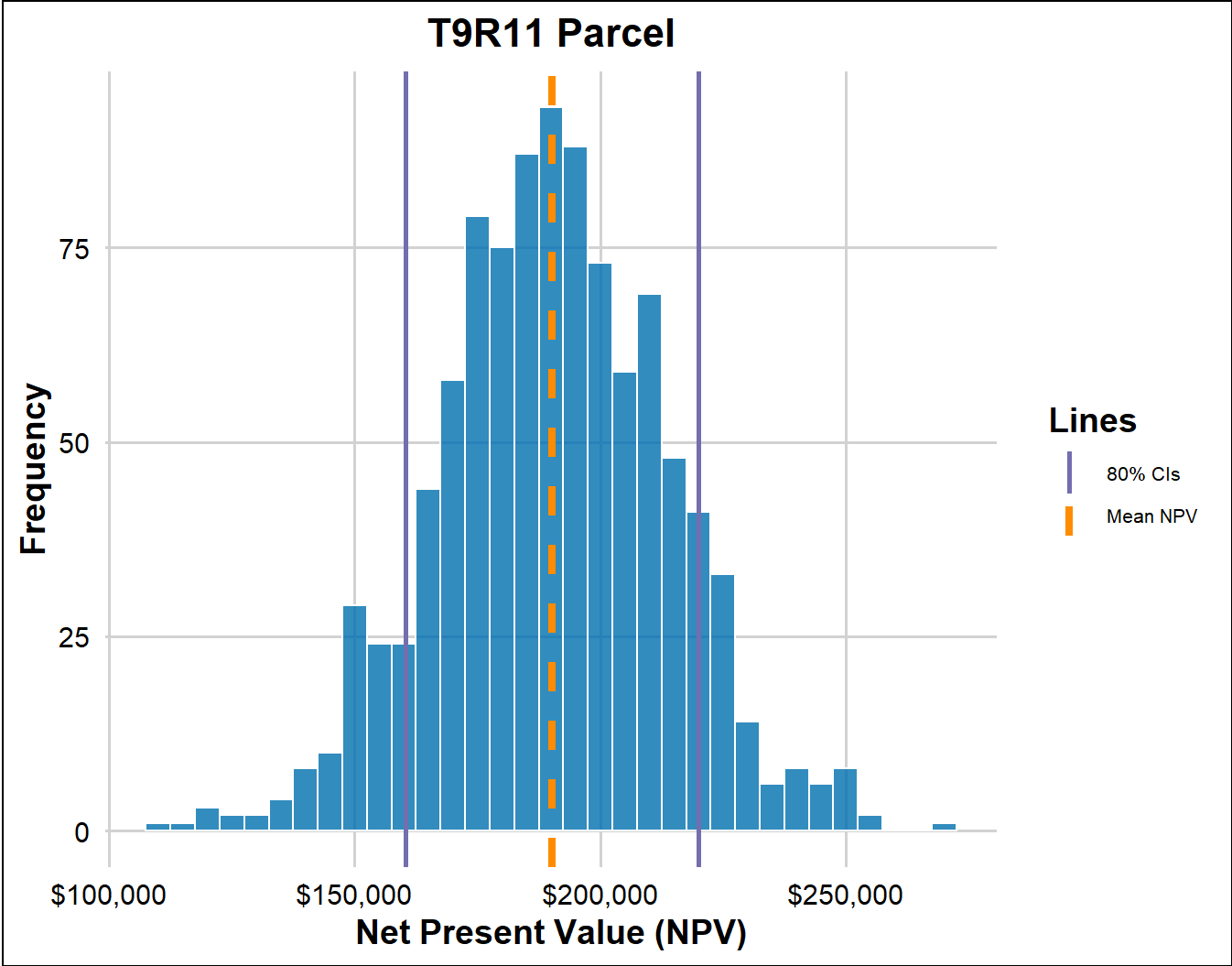
2024-10-11

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Net Present Value (NPV)

The mean NPV value is **\$190,264** and the 80% confidence intervals have a lower bound of **\$160,453** and an upper bound of **\$220,075**. The spread between the upper and lower bounds is **\$59,622**.

NPV Monte Carlo Distribution



Confidence Intervals for NPV

Upper Bound, Mean, and Lower Bound for Key Confidence Intervals

CI	Lower Bound	Mean	Upper Bound
68%	\$166,974	\$190,264	\$213,554
80%	\$160,453	\$190,264	\$220,075
90%	\$151,836	\$190,264	\$228,692

Financials

Initial Standing Value

This is a placeholder.

Standing Value Across Time

This is a placeholder.

Final Standing Value

This is a placeholder. Populating this section is not possible without building the application.

Data populated by the user

- *This is where user information entered re: revenues and expenses will be entered.*
- One time and annual expenses (mgmt fees, roads, etc.)
- One time and annual revenues from HBU or other sources.

Harvest Revenue Assumptions

Area Summary

The total forested area is 125.2 acres.

Forested Acres - Township

Forested Acres By Township

Township	Acres
T10R10	79.6

Forested Acres - Matrix

Forested Acres By Matrix

Matrix	Acres
H1A-N	79.6
H2A-N	9.3
H3C-N	16.8
HS3D-N	8.9
SH3C-N	10.6

- **Other details**
 - Gross acres vs forested.
 - Developed acres.
 - Riparian and Deer Yard acres.
- *The specific summaries for the geographic area of interest still need to be defined.*

Stocking and AAC Summary

The initial total stocking is **766** cords, or **6.1** cords/acre.

The final stocking at **year 20** is **1,252** cords, or **10** cords/acre.

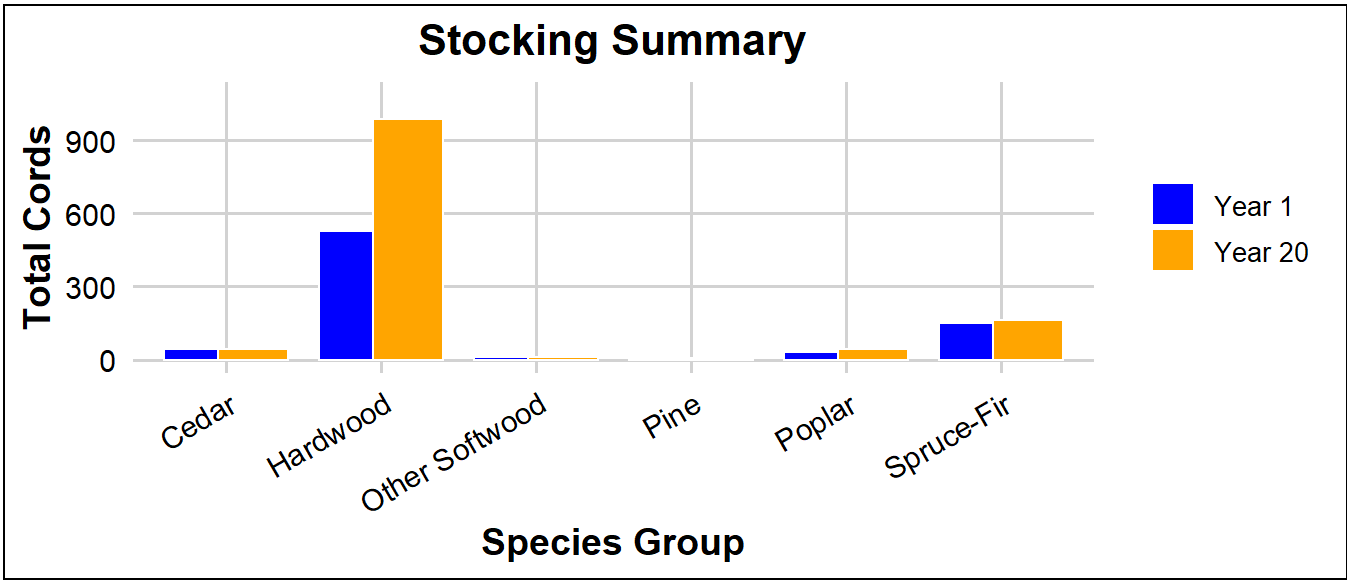
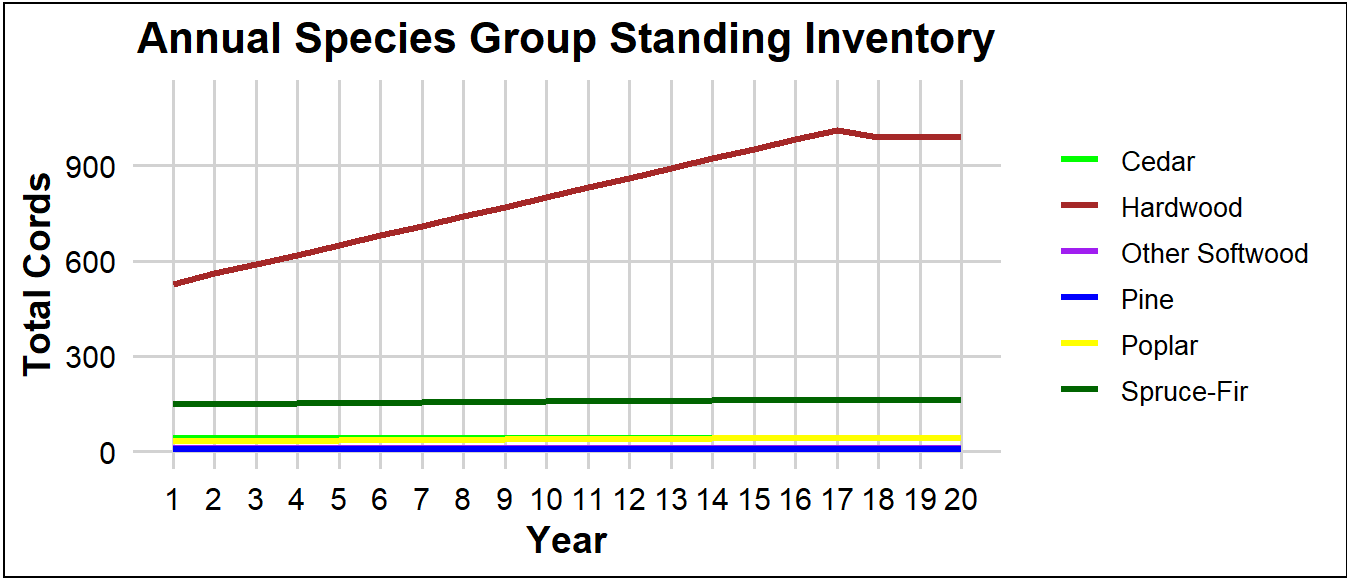
The following table provides a stocking summary at the start of the simulation and the final stocking at the end of the simulation, Year 20.

Stocking Table

Total Stocking Summary

Species Group	Year 1 Cords	Year 20 Cords
Cedar	42	42
Hardwood	527	988
Other Softwood	10	10
Pine	8	8
Poplar	31	42
Spruce-Fir	148	162

Stocking Plots



AAC Plots

