











		project data and meet with study collaborators.
<b>TOTAL ENRTF BUDGET:</b>	<b>\$336,000</b>	

**Explanation of Use of Classified Staff:**

N/A

**Explanation of Capital Expenditures Greater Than \$3,500:**

N/A

**Number of Full-time Equivalent (FTE) funded with this ENRTF appropriation:**

3.75 FTE

**Number of Full-time Equivalent (FTE) estimated to be funded through contracts with this ENRTF appropriation:**

N/A

**B. Other Funds:**

Source of Funds	\$ Amount Proposed	\$ Amount Spent	Use of Other Funds
<b>Non-state</b>			
St. Louis County Land Department	\$6,500	\$0	Staff time to identify recently-closed timber sales to be evaluated during the field assessment (Activity 1); to set up and administer pair bid timber sales, to redesign and collect pertinent time card information, and to participate in assessment of timber sale administrators (Activity 2); and to participate in focus groups (Activity 3).
Cass County Land Department	\$1,750	\$0	Staff time to identify recently-closed timber sales to be evaluated during the field assessment (Activity 1), to participate in assessment of timber sale administrators (Activity 2) and to participate in focus groups (Activity 3)
Minnesota Logger Education Program	\$500	\$0	Staff time to identify loggers for focus groups and provide incentives for them to attend (Activity 3)
<b>State</b>			
Minnesota DNR	\$1,000	\$0	Staff time to identify recently-closed timber sales to be evaluated during the field assessment (Activity 1) and to participate in focus groups (Activity 3)
University of Minnesota	\$50,000	\$0	Project faculty in support of working with project PIs and other project employees to provide input on study protocol and interpretation of study results .
<b>TOTAL OTHER FUNDS:</b>	<b>\$59,750</b>	<b>\$0</b>	

**VII. PROJECT STRATEGY:**

**A. Project Partners:**

The University of Minnesota will receive all of the funding and contribute time and effort to the project. Faculty members involved are: Activity 1--Tony D'Amato (Associate Professor); Activity 2--Charlie Blinn (Professor and project leader), Alan Ek (Professor) and Mike Kilgore (Professor); and Activity 3--Mae Davenport (Associate Professor). The University will partner at no cost to the project with the St. Louis County (SLC) Land Department, Cass County Land Department, the Minnesota Logger Education Program (MLEP) and the MNDNR-Forestry. SLC will assist researchers with setting up and offering tracts for sale under both timber payment options, providing access to staff time card effort information, information about their recently completed timber sales and staff to participate in the focus groups. Cass County Land Department will provide information about their recently completed timber sales as well as staff to participate in the focus groups. MLEP will assist with identifying loggers for focus groups. MNDNR-Forestry will provide information about their recently completed timber sales as well as staff to participate in the focus groups.

**B. Project Impact and Long-term Strategy:**

The method used by a public timber sale program to collect payment for the timber sold can have a substantial impact on post-harvest ecological conditions and net timber sale revenue. University of Minnesota faculty previously assessed how state timber sale policies and procedures, and forest management guidelines impact the price paid for timber. It is anticipated that the project will be completed within a 2.5-year period beginning July 2013. Project study results will be presented to cooperators, others and submitted to peer review outlets after project completion.

**C. Spending History:**

<b>Funding Source</b>	<b>M.L. 2007 or FY08</b>	<b>M.L. 2008 or FY09</b>	<b>M.L. 2009 or FY10</b>	<b>M.L. 2010 or FY11</b>	<b>M.L. 2011 or FY12-13</b>
Minnesota Forest Resources Council		\$197,400			

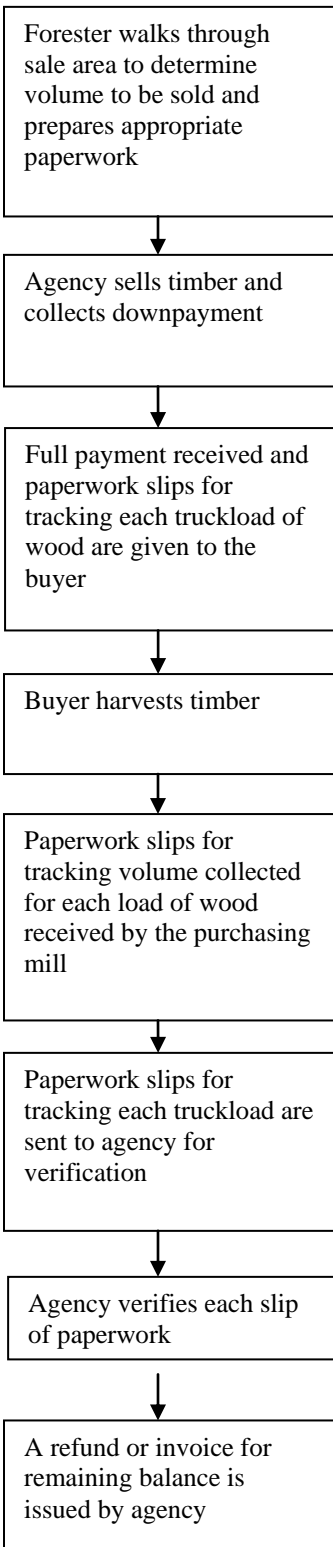
**VIII. ACQUISITION/RESTORATION LIST:**

N/A

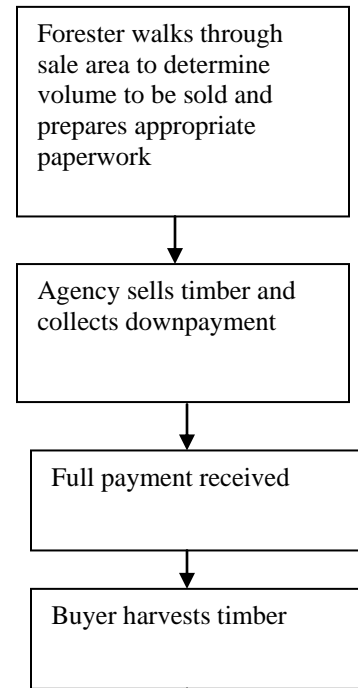
**IX. MAP(S):**

Comparison of activities and differences between the consumer scale (pay for what you harvest) and sold-on-appraised volume (pay for the estimated volume) payment methods.

**Consumer scale**  
(Pay for what you harvest)



**Sold-on-appraised volume**  
(Pay for estimated volume)



**Payment method could lead to differences in:**

- ecological outcomes
- timber utilization
- timber sale revenue
- administrative costs



**X. RESEARCH ADDENDUM:**

N/A

**XI. REPORTING REQUIREMENTS:**

Periodic work plan status update reports will be submitted not later than January 2014, July 2014, January 2015, July 2015, and January 2016. A final report and associated products will be submitted between June 30 and August 15, 2016.

**Attachment A: Budget Detail for M.L. 2013 Environment and Natural Resources Trust Fund Projects**

<b>Project Title :</b> <i>Enhancing Timber Sale Program Environmental and Economic Sustainability</i>											
<b>Legal Citation:</b> M.L. 2013, Chp. xx, Sec. xx, Subd. Xx											
<b>Project Manager:</b> <i>Charles Blinn</i>											
<b>M.L. 2013 ENRTF Appropriation:</b> \$ 336,000											
<b>Project Length and Completion Date:</b> Three years, June 2016											
<b>Date of Update:</b> <i>January 2014</i>											
<b>ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET</b>	<b>Activity 1 Budget</b>	<b>Amount Spent</b>	<b>Balance</b>	<b>Activity 2 Budget</b>	<b>Amount Spent</b>	<b>Balance</b>	<b>Activity 3 Budget</b>	<b>Amount Spent</b>	<b>Balance</b>	<b>TOTAL BUDGET</b>	<b>TOTAL BALANCE</b>
<b>BUDGET ITEM</b>	<i>Assess ecological impacts of the two</i>			<i>Assess the cost-effectiveness of the two</i>			<i>Assess implementation barriers for the two</i>				
<b>Personnel (Wages and Benefits)</b>											
A) One month of summer salary and fringe (0.36) for two years (University of Minnesota Co-PI faculty on 9-month appointments - D'Amato (Activity 1), Kilgore (Activity 2), and Davenport (Activity 3); 0.1 FTE each) (Total: \$74,980). B) Salary and fringe (0.8636) for two University of Minnesota graduate students at 2 years and one graduate student at 2.5 years, each at 50% time (20 hours/week). Graduate fringe is budgeted at 0.8636 of salary load and includes tuition for the academic year, health care for the fiscal year, and social security and Medicare for summer pay periods (Total: \$239,890). C) Salary and fringe (0.0743) for a University of Minnesota work-study undergraduate student for 1 year (Total: \$6,714).	\$100,000		\$100,000	\$124,000		\$124,000	\$97,584		\$97,584	\$321,584	\$321,584
<b>Travel Expenses in Minnesota</b>											
Mileage (75%) and per diem costs (25%) for researchers, graduate students and undergraduate students to collect project data and meet with study collaborators.	\$10,000		\$10,000	\$2,000		\$2,000	\$2,416		\$2,416	\$14,416	\$14,416
<b>COLUMN TOTAL</b>	<b>\$110,000</b>	<b>\$0</b>	<b>\$110,000</b>	<b>\$126,000</b>	<b>\$0</b>	<b>\$126,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$336,000</b>	<b>\$336,000</b>