



Environment and Natural Resources Trust Fund

2027 Request for Proposal

General Information

Proposal ID: 2027-394

Proposal Title: Interagency Partnership to Conserve Minnesota Wild Turkey

Project Manager Information

Name: Andrew Gregory

Organization: University of North Texas

Office Telephone: (989) 400-3492

Email: andrew.gregory@unt.edu

Project Basic Information

Project Summary: This project will assess wild turkey population viability, health, and spatial ecology across four Minnesota ecoregions and metro area to improve management, mitigate conflict, and enhance natural resource agency coordination

ENRTF Funds Requested: \$1,649,000

Proposed Project Completion: June 30, 2030

LCCMR Funding Category: Fish and Wildlife (D)

Project Location

What is the best scale for describing where your work will take place?

Statewide

What is the best scale to describe the area impacted by your work?

Statewide

When will the work impact occur?

During the Project and In the Future

Narrative

Describe the opportunity or problem your proposal seeks to address. Include any relevant background information.

Wild Turkey populations in Minnesota represent a critical ecological and recreational resource. However, the state has not conducted formal, empirical surveys of this species since they were reintroduced to the state over 25 years ago. Minnesota currently lacks statewide baseline data on wild turkey population status (distribution and density), health, and spatial dynamics. This hampers the development of a comprehensive strategy to manage wild turkey and limits the Minnesota Department of Natural Resources' ability to respond proactively to emerging biological and socioecological needs related to wild turkey management, particularly as it relates to conflicts between wild turkey and people living in/on urban or agricultural landscapes. This results in an ad hoc approach to managing turkey, based on a colloquially assessment from more populated areas where turkey are often viewed as a nuisance that turkey must be doing well throughout the state. Meanwhile in other areas populations that were formally strong and growing are facing emerging threats such as disease, diet palatability, and extirpation. Consequently, there is an urgent need for an updated statewide assessment of wild turkey population viability across Minnesota's diverse ecological regions.

What is your proposed solution to the problem or opportunity discussed above? Introduce us to the work you are seeking funding to do. You will be asked to expand on this proposed solution in Activities & Milestones.

This three-year project will conduct a comprehensive statewide evaluation of turkey populations with sampling organized into five study sites representing the four major MN DNR-identified management units and the Minneapolis St. Paul Metro area. We will capture and outfit ~50 turkeys/study site with high-resolution GPS/GSM trackers to assess survival, home-range, and fecundity. We will evaluate the methodological efficacy of three abundance estimation techniques (eDNA genetic capture-recapture, road surveys, and camera surveys) to provide recommendations to Minnesota DNR on the most accurate and cost-effective way to conduct annual turkey censuses. We will also assess turkey health, by analyzing regional diet breadth and nutritional status via fecal metabarcoding, and use PCR of blood to test for pathogens such as West Nile virus, LPDV, and HPAI impacting wild turkey population viability. These data will be used to develop a comprehensive Population Viability Analysis and a statewide spatial risk assessment, which we will provide as a spatial referenced map product to MN DNR to use to help guide turkey and other natural resource management activities throughout MN. Importantly, while the turkey is the focus of this study, we will also provide a comprehensive assessment of natural resource integrity across Minnesota.

What are the specific project outcomes as they relate to the public purpose of protection, conservation, preservation, and enhancement of the state's natural resources?

This project will 1) create an interagency partnership among MN Natural resource agencies (MNDNR, 3-Rivers Parks, NWTF, and state colleges) related to MN wild turkey management 2) build upon recent LPDV surveillance data and address statewide impacts 3) generate foundational demographic, genetic, health, and spatial data needed by these agencies to effectively manage turkeys to ensure the long-term viability of the specie in Minnesota while mitigating human×turkey conflict across the state. In addition, we will assist MN DNR in testing and vetting best practices in creating a comprehensive statewide survey to monitor wild turkey abundance and

Activities and Milestones

Activity 1: Assess Regional Survival, Home Range Use, and Fecundity

Activity Budget: \$880,804

Activity Description:

Methods:

We will capture and outfit ~50 turkeys per landscape (250 statewide) with high-resolution GPS/GSM backpack trackers. We will monitor nesting ecology, daily movements, and cause-specific mortality for each ecoregion. By using movement models such as adaptive kernel density estimation of turkey home ranges, we will gain a mechanistic understanding of how turkey are using and regional variation in landscape use within each ecoregion. Similarly, we will also use the movement data to assess nest site selection, and document how nest site characteristics impact regional wild turkey reproductive success. We will also document regional survival and recruitment to create estimates of regional specific vital rates across Minnesota. We will then use a combination of Matrix Projection Models and Integrated Population Models to evaluate how region-specific land-cover, land-use, and management impact wild turkey demographic performance and long-term population viability both regionally and state wide.

Outcome: Accurate, region-specific baselines for home range sizes, survival curves, and fecundity estimates will be used to provide an estimate of regional population growth and survivability in response to current ecoregional land use. This information is vital for Minnesota DNR to set regional and statewide management goals that ensure vibrant turkey populations while mitigating conflicts.

Activity Milestones:

Description	Approximate Completion Date
Establish the five study sites	July 31, 2027
Trap and deploy GPS GSM trackers on ~50 turkeys per site.	March 31, 2028
Additional trapping to maintain regional sample sizes near 50	March 31, 2029
Collect Home range, nest site, and survival data on wild turkey	January 31, 2030
Finalize demographic and survival models.	May 31, 2030

Activity 2: Determine Regional Differences in Population and Abundance while Comparing Methodological Efficacy

Activity Budget: \$392,390

Activity Description:

Methods:

We will simultaneously deploy three on-the-ground techniques across all five study sites to estimate turkey abundance: 1) systematic roadside surveys; 2) fecal eDNA molecular capture-recapture analysis; 3) camera trap arrays.

1) Conduct driving surveys in early AM and PM in January and July to estimate wild turkey abundance and density using Distance Sampling approaches and to locate and ID roost sites.

2) eDNA: At roost sites we collect scats, extract DNA from scats, create a multi-locus genetic profile for each sample, and conduct genetic identity analysis of each sample to estimate number of unique samples.

3) In each region establish a set of camera grids to estimate turkey occupancy and abundance.

Outcome 1:MN DNR is in the process of establishing a systematic annual wild turkey survey. Different proposed methods each have pros and cons. This objective provides region-specific abundance estimates and a definitive recommendation to the MN DNR on the most effective and cost-efficient survey method for annual monitoring.

Outcome 2:Fecal DNA surveys will also allow the assessment of genetic diversity and health of wild turkey within each ecoregional, to quantify the effective population size, and quantify movement and turkey gene flow within and among ecoregions.

Activity Milestones:

Description	Approximate Completion Date
Initiate year 1 eDNA, road, and camera surveys.	September 30, 2028
Collect fecal samples for genetic and meta-barcode analyses	October 31, 2029
Complete genotypic and meta barcode genetic analyses	April 30, 2030
Complete methodological efficacy analysis and deliver the recommended survey protocol to MN DNR.	June 30, 2030

Activity 3: Evaluate Overall Health of Turkeys and Assess Impacts on Regional Population Viability

Activity Budget: \$322,078

Activity Description:

Methods:

During trapping efforts, we will collect a small blood sample and any fecal material left behind. In addition, during count surveys will also be collecting feces for noninvasive genetic sampling of the population. We will utilize fecal metabarcoding and targeted amplicon sequence analysis to simultaneously profile plant and invertebrate diet breadth and screen for diseases (HPAI, West Nile virus, avian malaria). We will link these health and diet metrics to our GPS-derived vital rates to build region-specific Population Viability Analyses (PVA).

Outcome: Identification of disease hotspots, understanding of regional diet variations, and quantified impacts of health on population trajectories.

Activity Milestones:

Description	Approximate Completion Date
Complete meta barcode genetic analyses--completed in situ with Activity 2--just different analyses of same datasets	May 31, 2030

Activity 4: Integrate Across the State to Create a Risk Assessment Heuristic Map

Activity Budget: \$53,728

Activity Description:

Methods: Using classification and regression tree (CART) models and spatial analyses, we will map the drivers of turkey vital rates and abundance against land-cover variables and disease prevalence.

Outcome: A statewide risk assessment map detailing regional PVA outlooks to guide future land and wildlife management.

Activity Milestones:

Description	Approximate Completion Date
Develop and publish the statewide spatial risk assessment heuristic map	June 30, 2030

Project Partners and Collaborators

Name	Organization	Role	Receiving Funds
Steven Hogg	3 Rivers Park District	Co-I and Collaborator This collaboration ensures that the citizens of Minnesota's interests pertaining to wild turkey management throughout the Twin Cities Metro Area (and beyond) are represented in research design and management/mitigation recommendations--They are also a platform for community engagement.	Yes
Dr. Roy Churchwell	Minnesota DNR	Adviser, Collaborator, and Stakeholder As the state Wild Turkey Consultant for Minnesota, Roy's involvement on the project ensures that research results are immediately available to management and regulatory authorities to inform regulations pertaining to wild turkey management. Roy also ensures that research remains relevant to the needs of Minnesota DNR.	No
Clayton Lenk	National Wild Turkey Federation; District Biologist (MN, ND, SD, WI)	Collaborator and Stakeholder This collaboration with the NWTF and the NWTF district biologists for Minnesota, ensures that research objectives are aligned with state and national conservation strategies for the wild turkey. It ensures that research goals remain relevant, trackable, and immediately available for wild turkey conservation.	No
Dr. William Faber	Central Lakes College	Advisor buddy As the biologist involved in the initial relocation of turkey to Minnesota, Dr. Faber is an invaluable resource as to the history of the species in Minnesota.	No
Dr. Kenton Montgomery	Central Lakes College	Collaborator This collaboration represents a merger of the technical and analytical capacities of UNT (a major R1 research institution) with the logistic and student training capacity of Central Lakes College to provide Minnesota students technical training and experience in applied wildlife management research to facilitate careers in natural resource conservation	Yes
Dr. Zacchaeus Compson	University of North Texas	Co-I and Collaborator Dr. Compson has expertise in DNA meta-barcoding and fecal DNA analysis. He will lead these aspects of the project. He has published >20 peer-review papers on this topic, pioneered the techniques used for these analyses, and is considered one of the leading world experts in this field.	Yes
Eric Nelson	Minnesota DNR Wildlife Damage Specialist	Technical Adviser As the state wildlife control biologist for Minnesota. Mitigation for wild turkey are under his purview. His involvement ensures that the research provides relevant information and that all results are immediately available for actionable interventions.	No

Dissemination

Describe your plans for dissemination, presentation, documentation, or sharing of data, results, samples, physical collections, and other products and how they will follow ENRTF Acknowledgement Requirements and Guidelines.

This project will ensure timely sharing of results with agencies and stakeholders. As project partners, Minnesota DNR (including the State Wild Turkey Specialist) and Three Rivers Park District will receive annual briefings and direct access to deliverables to immediately inform management decisions. We are also working in collaboration with the MN Chapter of the National Wild Turkey Federation, and we will host annual update briefings with them. We will host public town hall meetings in parks and libraries within each of the five study regions to engage citizens and local officials, promoting awareness and encouraging science-based conservation practices.

Scientific findings will be published in peer-reviewed outlets such as the Journal of Wildlife Management and presented at the Midwest Fish and Wildlife Conference to reach state and regional natural resource professionals. Spatial datasets, risk maps, and monitoring protocols will be shared with MN DNR to ensure public accessibility and management use.

We will maintain open communication with local and regional media—building on recent coverage in Outdoor News and the Star Tribune—to share findings in accessible formats. All outreach materials, presentations, and publications will acknowledge support from the Environment and Natural Resources Trust Fund in accordance with ENRTF guidelines.

Long-Term Implementation and Funding

Describe how the results will be implemented and how any ongoing effort will be funded. If not already addressed as part of the project, how will findings, results, and products developed be implemented after project completion? If additional work is needed, how will this work be funded?

With NWTf funding, we conducted a seed project to gather preliminary data on wild turkey in Minneapolis in 2026. A key aspect of this project was to develop strong collaborations among Minnesota-based stakeholders. Working with this team of Minnesota natural resource management agencies, we developed core project objectives and deliverables for this proposal, and validated our methodological approaches. If funded, this collaborative group will form the core partnerships in the development and implementation of this project. In this manner, project data can be immediately translated into actionable management plans. Additionally, this framework provides a means for direct stakeholder investment if

Project Manager and Organization Qualifications

Project Manager Name: Andrew Gregory

Job Title: Assistant Professor

Provide description of the project manager's qualifications to manage the proposed project.

Dr. Gregory is a national leader in Galliformes research, including wild turkey, with more than 20 peer-review publications and 100 conference and trade show presentations on the topic. He has supervised numerous MS and PhD student theses and dissertations on prairie-grouse and pheasant ecology in both South Dakota and throughout the US. Previous collaborations with MN DNR on both the Greater Prairie-Chicken and Sharp-tailed grouse form the scientific background of current state management strategies for both species. Similarly, data derived from his work with South Dakota Game Fish and Parks on pheasant population viability is utilized by both MN DNR and South Dakota Game Fish and Parks to manage pheasants in both South Dakota and Minnesota. More recently Dr. Gregory has been working in collaboration with numerous state agencies, including Minnesota DNR across multiple studies on wild turkey population viability across the US. One of these studies, funded by the National Wild Turkey Federation, is focused entirely on urban wild turkey population dynamics in Minneapolis Minnesota, and forms the basis of much of the background used as preliminary data in this proposal. Dr. Gregory has specific expertise in Galliformes trapping and handling, spatial data and movement analysis, population demography and viability analysis, and population genetics. He has also successfully developed, implemented, led, and managed numerous multi-agency/multistakeholder long-term research collaborations spanning state, regional, and international jurisdictional boundaries. These projects have totaled more than \$6M in direct expense and were each completed on time and within budget, and have provided much needed information to enhance target species management while mitigating human wildlife conflict among target species and stakeholders. With strong ties to Minnesota, Minnesota natural resources, and numerous management agencies and stakeholders state wide, Dr. Gregory is ideally suited to lead and manage this study

Organization: University of North Texas

Organization Description:

With an enrollment of more than 46,000 students and >\$50M in annual research expenditures, the University of North Texas (UNT) is an R1 rated research institution recognized for its strengths in environmental science and interdisciplinary natural resource research. UNT is proud of its heritage and holistic approach to education garnering it recognition as 1of27, R1 institutions in the US that are also recognized as a minority serving institutions. UNT's Department of

Biological Sciences supports nationally competitive programs in wildlife ecology, conservation genetics, spatial modeling, and quantitative population analysis—expertise directly aligned with this proposal. UNT faculty have extensive experience leading large, multi-partner, grant-funded projects and delivering actionable and scalable results to numerous state and federal agencies.

The Advanced Environmental Research Institute (AERI) at UNT provides an interdisciplinary platform that integrates environmental science, data analytics, geospatial modeling, and applied resource management to fulfill its mission of providing actionable scientific solutions to stakeholders. Through its research infrastructure, data management capacity, and experience coordinating cross-institutional partnerships, UNT and AERI provide the administrative, scientific, and technical capacity necessary to successfully implement this statewide Minnesota project. In addition, AERI supports numerous graduate student training fellowships and a fleet of field vehicles to further support.

Budget Summary

Category / Name	Subcategory or Type	Description	Purpose	Gen. Ineligible	% Benefits	# FTE	Classified Staff?	\$ Amount
Personnel								
Andrew Gregory, Assistant Professor Biology, Project PI		Teaching release for PI Gregory so that he can be on site in Minnesota January - August in 2027 and 2028 to directly supervise and train field staff.			24.08%	0.24		\$22,914
Zacchaeus Compson, Assistant Professor Biology, Project Co-I		Summer Salary equivalent to 0.6 person months to supervise lab work in project year 2028.			24.08%	0.05		\$7,297
Graduate Student RA 1 on the project		This project will directly support the academic year salary and training of 2 PhD students. RA support is necessary in 2027-2029 as up to 8 months of each year will need to be spent away from UNT on site in MN. PhD students will ensure that project work is completed and that rigorous QA/QC protocols are adhered to as the products of this work will form the basis of their dissertations. The use of PhD students ensures that we are able to hire people with MS-level degree or real-life work experience commensurate with project objectives, which will enhance project outcomes. RA support will cover 3/5 years of their training We will apply for departmental support for additional support.			7.65%	1.5		\$91,255
2 Undergraduate Research Assistants		Undergraduate laboratory technicians to complete laboratory bench work at UNT to allow PhD students to be in the field supervising data collection while still having lab work be completed in a timely manner per project tasks timeline. Undergraduate student technicians can be trained to achieve high-quality results and will also work in the lab for a combination of salary and course credit thereby ensuring high attention to detail			7.65%	0.51		\$16,149

		and rigorous lab QA/QC protocols are adhered to. We have budgeted \$15/hr for up to 160 hours per semester per student.						
Graduate student RA 2 on the project		This project will directly support the academic year salary and training of 2 PhD students. RA support is necessary in 2027-2029 as up to 8 months of each year will need to be spent away from UNT on site in MN. PhD students will ensure that project work is completed and that rigorous QA/QC protocols are adhered to as the products of this work will form the basis of their dissertations. The use of PhD students ensures that we are able to hire people with MS-level degree or real-life work experience commensurate with project objectives, which will enhance project outcomes. RA support will cover 3/5 years of their training We will apply for departmental support for additional support.			7.65%	1.5		\$91,256
							Sub Total	\$228,871
Contracts and Services								
Central Lakes College	Subaward	Kenton Montgomery at Central Lakes College (CLC) will recruit, train, and supervise student field technicians and provide local logistics in support of University of North Texas (UNT) research on wild turkeys in Minnesota during 2027–2030. Costs reflect seasonal field operations and staff costs for up to 5 fulltime staff.					7.5	\$492,672
3 River Park District	Subaward	3 Rivers Park district will provide up to 3 fulltime seasonal staff to support wild turkey trapping, tracking, and habitat restoration at sites throughout the Twin Cities Metro Area. These staff will work with UNT graduate students and CLC student staff to facilitate the successful execution of project objectives.					1.8	\$85,904
TBD MN State College or University	Service Contract	We are collaborating with several smaller public and private Minnesota State Colleges. Some of these will likely continue to work with us. We are requesting funds to be used as service contracts for these To Be Named institutions for hiring and					0.6	\$90,000

		training of Minnesota students to assist with field work						
							Sub Total	\$668,576
Equipment, Tools, and Supplies								
	Tools and Supplies	50 GPS/GSM tracking devices per site for 5 sites (250 total) for initial deployment. + \$30K in year 2 to refurbish or replace trackers up to 50/site in year 2.	One of the main objectives of this study is to generate home range and known fate estimates of wild turkey movement, nest placement, and nest success to quantify how regional heterogeneity in land use and land management are impacting turkey viability and influencing human x turkey conflict. GSM/GPS trackers are state-of-the art wildlife monitoring devices that can provide high resolution spatial movement data on turkey commensurate with the successful completion of these objectives.					\$360,000
	Tools and Supplies	Genetic analysis. We request funding for in house lab analyses associated with eDNA mark recapture abundance estimation and genetic diversity and structure, and fecal metabarcoding of turkey diet and disease assessment of wild turkey across Minnesota.	There are four primary sets of data to be generated by genetic analysis. 1) Within Objective 2 we propose to use eDNA from feces for genetic mark recapture analysis of turkey abundance. For this we will follow proven methods used in our lab on wild turkey feces in Texas. 2) From the turkey feces DNA we will also conduct a targeted amplicon meta barcode analysis to assess regional turkey diet and diseases. 3) From feces, and from blood collected during turkey trapping, we will develop multi-locus genetic profiles for each sample and compare genetic diversity and structure within and among ecoregions. These analyses directly address core deliverables in Objectives 2, 3, and 4.					\$70,000

	Tools and Supplies	Field supplies for camera survey grids.	We have 100 motion sensitive game cameras available for use on this study. However, to fully test the ability of camera grids to detect turkey abundance we will need an additional 400 cameras. We will also need SD cards and batteries to operate all cameras throughout their deployment period. This will directly address activity two and part of three.					\$24,464
	Tools and Supplies	Trapping and banding supplies.	For our turkey trapping methods we will use a combination of box traps and modified boar-blanket drop nets baited with cracked corn and milo. This trapping system has proven to be highly effective during our preliminary field efforts in Minneapolis in 2026. However, due to the presence of CWD within some Minnesota ecoregions, trapping equipment cannot be moved from one region or site to the next. Therefore to achieve the proposed level of sample density and spatial coverage we will need 5 full sets of trapping supplies. We currently have one, so four more will be purchased.					\$47,000
							Sub Total	\$501,464
Capital Equipment								
							Sub Total	-
Acquisitions and Stewardship								
							Sub Total	-
Travel In Minnesota								
	Miles/ Meals/ Lodging	Field vehicles rental and mileage for dedicated 4x4 trucks.	We will be running 2-3 field teams simultaneously in the winter-summer of 2027, 2028, and 2029 to meet					\$102,500

			project objectives. Each team will need 2-3 fulltime 4-wheel drive vehicles to support field operations. UNT has two such vehicles available for use on the project at a rate of \$0.78/mile. Additional field vehicles will need to be leased in Minnesota and fuel paid for. These vehicles are necessary to complete the proposed work in Activities 1-3.					
	Miles/ Meals/ Lodging	Lodging at local field sites for field crews	The project will occur in rural and agricultural areas throughout the state of Minnesota. Furthermore to complete project activities will require a combination of early morning work and work in the evening. Minnesota project partner staff and UNT graduate students will require local accommodations for up to 6mo/year in each stie to complete work activities associated with this project. These funds will pay for seasonal rental houses with kitchens, bedrooms, and communal lounge spaces and laundry facilities for staff to facilitate work life balance while completing project activities.					\$76,814
							Sub Total	\$179,314
Travel Outside Minnesota								
	Conference Registration Miles/ Meals/ Lodging	4 students/staff to travel to up to 2 conferences in years 2 and 3 to network with other turkey biologists and present our work at the Midwest Fish and Wildlife Society meeting or the National Wildlife Society meeting.	Attendance and presenting preliminary and final project results at regional and national wildlife conferences provides critical professional development for students and robust publicity for the project. Furthermore, it allows project staff to discuss methods and results with other experts in the field and benefit form their insights into methods in data collection and	X				\$12,556

			analysis that can enhance project outcomes.					
							Sub Total	\$12,556
Printing and Publication								
	Publication	Page charges for open access publications in Journal Wildlife Management, Wildlife Society Bulletin or similar.	Wildlife science is not complete until your work has been vetted through the peer-review process for publication. The Journal of Wildlife Management and Wildlife Society Bulletin are seminal journals in our field relevant to the proposed scope of work. As an Associated Editor for Upland Game for Journal of Wildlife Management, I enjoy significant discounts in APC.					\$3,400
							Sub Total	\$3,400
Other Expenses								
		Remuneration of GRA tuition	Graduate student studies at UNT are supported by either grant supported scholarship funds or through the Tuition Benefit program Endowment. We request support for graduate student tuition at the current rate of \$9,700/year per students (with 3% COI/year). This will support up to 9credits of graduate student scholarship per semester for three years.					\$54,819
							Sub Total	\$54,819
							Grand Total	\$1,649,000

Classified Staff or Generally Ineligible Expenses

Category/Name	Subcategory or Type	Description	Justification Ineligible Expense or Classified Staff Request
Travel Outside Minnesota	Conference Registration Miles/Meals/Lodging	4 students/staff to travel to up to 2 conferences in years 2 and 3 to network with other turkey biologists and present our work at the Midwest Fish and Wildlife Society meeting or the National Wildlife Society meeting.	Minnesota is in the Midwest Section of the Wildlife Society. The Midwest Fish and Wildlife Meeting is held annual at locales in the Midwest and is attended by nearly every fish, wildlife, and natural resource agency and research institution across the Midwest. It is an ideal venue to present our work to the natural resource agency community. The national Wildlife Society Conference is held at a location nationally and as its name suggests is the premier meeting of natural resource management agencies in the US. Attendance at these meetings allows us to integrate our local work into the broader natural resources community ang benefit from their combined expertise and experience.

Non ENRTF Funds

Category	Specific Source	Use	Status	Amount
State				
			State Sub Total	-
Non-State				
			Non State Sub Total	-
			Funds Total	-

Total Project Cost: \$1,649,000

This amount accurately reflects total project cost?

Yes

Attachments

Required Attachments

Visual Component

File: [fae7aaf2-e51.pdf](#)

Alternate Text for Visual Component

This visual abstract illustrates the statewide scope and integrated workflow of the Minnesota Wild Turkey project across five ecoregions. Coordinated monitoring (GPS, nesting, genetics, disease) informs demographic modeling (vital rates, IPMs, viability), which drives habitat risk assessment. Education and partnerships strengthen collaboration, generating foundational data for adaptive wildlife management statewide....

Supplemental Attachments

Capital Project Questionnaire, Budget Supplements, Support Letter, Photos, Media, Other

Title	File
Resolution Letter	32d950ec-944.pdf

Administrative Use

Does your project include restoration or acquisition of land rights?

No

Do you understand that travel expenses are only approved if they follow the "Commissioner's Plan" promulgated by the Commissioner of Management of Budget or, for University of Minnesota projects, the University of Minnesota plan?

Yes, I understand the Commissioner's Plan applies.

Does your project have potential for royalties, copyrights, patents, sale of products and assets, or revenue generation?

No

Do you understand and acknowledge IP and revenue-return and sharing requirements in 116P.10?

N/A

Do you wish to request reinvestment of any revenues into your project instead of returning revenue to the ENRTF?

N/A

Does your project include original, hypothesis-driven research?

Yes

Does the organization have a fiscal agent for this project?

No

Does your project include the pre-design, design, construction, or renovation of a building, trail, campground, or other fixed capital asset costing \$10,000 or more or large-scale stream or wetland restoration?

No

Do you propose using an appropriation from the Environment and Natural Resources Trust Fund to conduct a project that provides children's services (as defined in Minnesota Statutes section 299C.61 Subd.7 as "the provision of care,

treatment, education, training, instruction, or recreation to children")?

No

Provide the name(s) and organization(s) of additional individuals assisting in the completion of this proposal:

Dr. Compson UNT, Amanda Thomas UNT, Other Collaborators and Tech Advisers made limited review and comments on final draft prior to submission.

Do you understand that a named service contract does not constitute a funder-designated subrecipient or approval of a sole-source contract? In other words, a service contract entity is only approved if it has been selected according to the contracting rules identified in state law and policy for organizations that receive ENRTF funds through direct appropriations, or in the DNR's reimbursement manual for non-state organizations. These rules may include competitive bidding and prevailing wage requirements

Yes, I understand