



# Environment and Natural Resources Trust Fund (ENRTF)

## M.L. 2018 ENRTF Work Plan (Main Document)

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**Today's Date:** 2/20/2018

**Date of Next Status Update Report:** 1/31/19

**Date of Work Plan Approval:**

**Project Completion Date:** 6/30/2020

**Does this submission include an amendment request?** No

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**PROJECT TITLE:** Update International Wolf Center Exhibits

**Project Manager:** Rob Schultz

**Organization:** International Wolf Center

**College/Department/Division:**

**Mailing Address:** 7100 Northland Circle N., Suite 205

**City/State/Zip Code:** Brooklyn Park, MN 55428

**Telephone Number:** 763-560-7374 ext. 222

**Email Address:** [rob@wolf.org](mailto:rob@wolf.org)

**Web Address:** [www.wolf.org](http://www.wolf.org)

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**Location:** Ely, St. Louis County, Minnesota

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**Total ENRTF Project Budget:** \$1,000,000

**Amount Spent:** \$0

**Balance:** \$1,000,000

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**Legal Citation:** M.L. 2018, Chp. xx, Sec. xx, Subd. Xx

**Appropriation Language:**

## I. PROJECT STATEMENT:

Since 1993, over one million people have learned about wolves at the International Wolf Center's vibrant interpretive center in Ely. It is home to live ambassador wolves, great programs and educational exhibits. When our current main exhibit was created in the early 1980's, its purpose was to promote species survival. Although beautifully and professionally created, the success of wolf recovery over the past three decades in Minnesota has resulted in it becoming outdated. Display materials were made with a high-quality printing process on permanent materials, making it cost-prohibitive to update exhibit displays. A major overhaul of the exhibit is needed to celebrate Minnesota's historic success in recovering this endangered species, as well as to educate Minnesotans about the need for their management. The new *Wolf Discovery Center* will have three distinct interpretive components:

1. History of Wolves: Extirpation and the Journey to Recovery in Minnesota
  - a. New stations will display a selection of repurposed artifacts from the original exhibit
  - b. Interactive screens will highlight the historic timeline of extirpation and the successful recovery of wolves in Minnesota – the last place in the lower 48 where wolves survived
  - c. Electronic kiosks will demonstrate historic and modern wolf ranges, wolves in various cultures, folklore/myths, legal challenges, and management practices throughout history
2. Science of Wolves: Their Biology and Role in Nature as an Apex Predator
  - a. Using the latest technology, visitors will discover the science and biology of wolves
  - b. A wolf tracking station will simulate the tracking of wolves using GPS and radio telemetry
  - c. A "Howling Room" sound chamber will simulate an outdoor experience where visitors will learn how to communicate with packs
  - d. Touch-screen displays will feature a variety of topics including wolf/canid evolution, wolves cascading effect on landscapes, pup development stages, wolf behavior charts, the five senses wolves use, how wolves define their territory, diseases, and wolf/prey interactions
3. Co-Existence with Wolves: The Need for Wolf Management
  - a. Through immersive experiences, visitors will learn about the complicated issues in Minnesota surrounding human interactions with wolves
  - b. HD displays will provide a real-life look into the perspectives of farmers, ranchers and pet owners living in wolf country and the challenges they face
  - c. Kiosk stations will use interactive technology to disseminate practical advice to keep pets and livestock safe from predators
  - d. HD displays will outline wolf management practices in Minnesota with facts that will prepare Minnesotans for challenges our DNR will face when federal control reverts back to the states
  - e. Interactive displays answering frequently asked questions like safety in wolf territory

**II. OVERALL PROJECT STATUS UPDATES:** See Activity 1 below

## III. PROJECT ACTIVITIES AND OUTCOMES:

### ACTIVITY 1:

**Description:** Design, construction/installation of displays and exhibit infrastructure. Contractor will be selected through a competitive process to build exhibit.

**ENRTF BUDGET: \$1,000,000**

Outcome	Completion Date
1. Exhibit design and individual displays specifications completed with timelines and costs for displays/construction set	June 2018
2. Exhibit area (interior) site preparation including removal of displays for recycling or repurposing elsewhere in the building or finished new exhibit	December 2019

3. Off-site fabrication/construction of many individual displays for on-site installation by design-build firm	December 2019
4. Prepare exhibit infrastructure for individual display installation (remove/add interior walls, duct work, electrical receptacles, lighting, flooring, etc.)	February 2020
5. Install displays created off-site and recycled displays from original exhibit in storage	April 2020

**First Update January 31, 2019**

**Second Update June 30, 2019**

**Third Update January 31, 2020**

**Final Update June 30, 2020**

#### **IV. DISSEMINATION:**

**Description:** We plan to update the public about our new exhibit at various stages informally. We will formally include an update on our dissemination during our semi-annual reports. Our wolf.org website will be the main source as we progress through the design and construction steps. Our social media presence is strong as well with Facebook and YouTube offerings. Those may also be part of the communication plan. As we progress and get closer to the opening, media releases and interviews with the regional and state press outlets will be likely. The quarterly International Wolf magazine will have an article about how the new Wolf Discovery Center will play an important role in wolf education including the preparation of Minnesotans for changes in wolf management.

**First Update January 31, 2019**

**Second Update June 30, 2019**

**Third Update January 31, 2020**

**Final Update June 30, 2020**

#### **V. PROJECT BUDGET SUMMARY:**

**A. Preliminary ENRTF Budget Overview:** See attached budget spreadsheet

##### **Explanation of Use of Classified Staff:**

**Total Number of Full-time Equivalents (FTE) Directly Funded with this ENRTF Appropriation:**

Enter Total Estimated Personnel Hours: 0	Divide by 2,080 = TOTAL FTE: 0
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**Total Number of Full-time Equivalents (FTE) Estimated to Be Funded through Contracts with this ENRTF Appropriation:**

Enter Total Estimated Personnel Hours: 8320	Divide by 2,080 = TOTAL FTE: 4
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##### **B. Other Funds:**

SOURCE OF AND USE OF OTHER FUNDS	Amount Proposed	Amount Spent	Status and Timeframe
<b>Other Non-State \$ To Be Applied To Project During Project Period:</b>			
International Wolf Center	\$ 100,000	\$	For initial designs and estimates in 2018

<b>Other State \$ To Be Applied To Project During Project Period:</b>			
NA	\$	\$	
<b>Past and Current ENRTF Appropriation:</b>			
NA	\$	\$	
<b>Other Funding History:</b>			
	\$	\$	

**VI. PROJECT PARTNERS:**

**A. Partners receiving ENRTF funding**

Name	Title	Affiliation	Role
N/A			

**B. Partners NOT receiving ENRTF funding**

Name	Title	Affiliation	Role
N/A			

**VII. LONG-TERM- IMPLEMENTATION AND FUNDING:** The finished Wolf Discovery Center will teach tens of thousands of Minnesotans and people around the world who visit the interpretive center the facts about wolf biology, management and recovery. The daily operations of the exhibit are part of the interpretive center's annual budget and will require no additional ENRTF funding. Updates to the interactive displays will be handled by staff and volunteers at the Center.

**VIII. REPORTING REQUIREMENTS:**

- The project is for 2 years, will begin on 7/1/18, and end on 6/30/20.
- Periodic project status update reports will be submitted on June 30th and January 31st of each year.
- A final report and associated products will be submitted between June 30 and August 15, 2020.

**IX. SEE ADDITIONAL WORK PLAN COMPONENTS:**

- A. Budget Spreadsheet
- B. Visual Component or Map
- C. Parcel List Spreadsheet
- D. Acquisition, Easements, and Restoration Requirements
- E. Research Addendum

Attachment A:  
Environment and Natural Resources Trust Fund  
M.L. 2018 Budget Spreadsheet



Project Title: Update International Wolf Center Exhibits  
Legal Citation:  
Project Manager: Rob Schultz  
Organization: International Wolf Center  
College/Department/Division:  
M.L. 2018 ENRTF Appropriation:  
Project Length and Completion Date: 2 years June 30, 2020  
Date of Report: 2/20/2018

ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET	TOTAL BUDGET		TOTAL BALANCE
BUDGET ITEM			
Professional/Technical/Service Contracts			
<i>The design-build firm secured through an RFP process will design and build this dynamic new exhibit.</i>	\$1,000,000		\$1,000,000
COLUMN TOTAL	\$1,000,000	\$0	\$1,000,000





Discovery Gallery

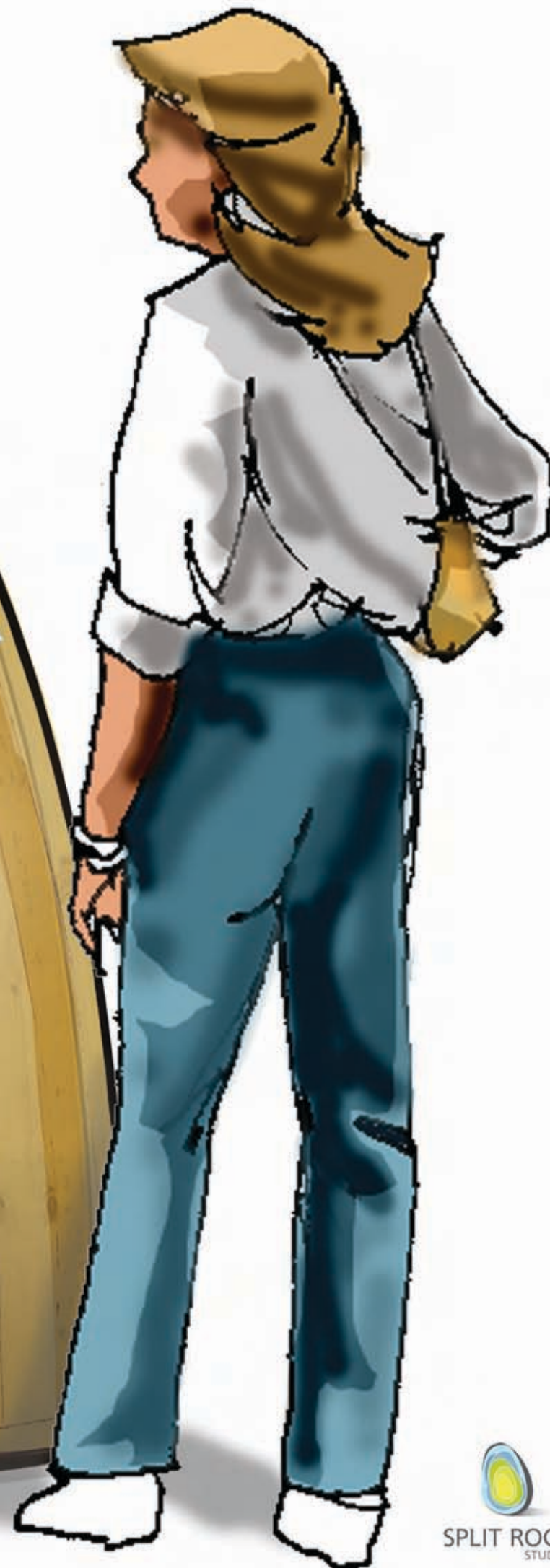




*Programmed I-Pad*



*Touchscreen  
Stations Placed  
in Several Locations  
Throughout the  
Exhibits.*



SPLIT ROCK  
STUDIOS



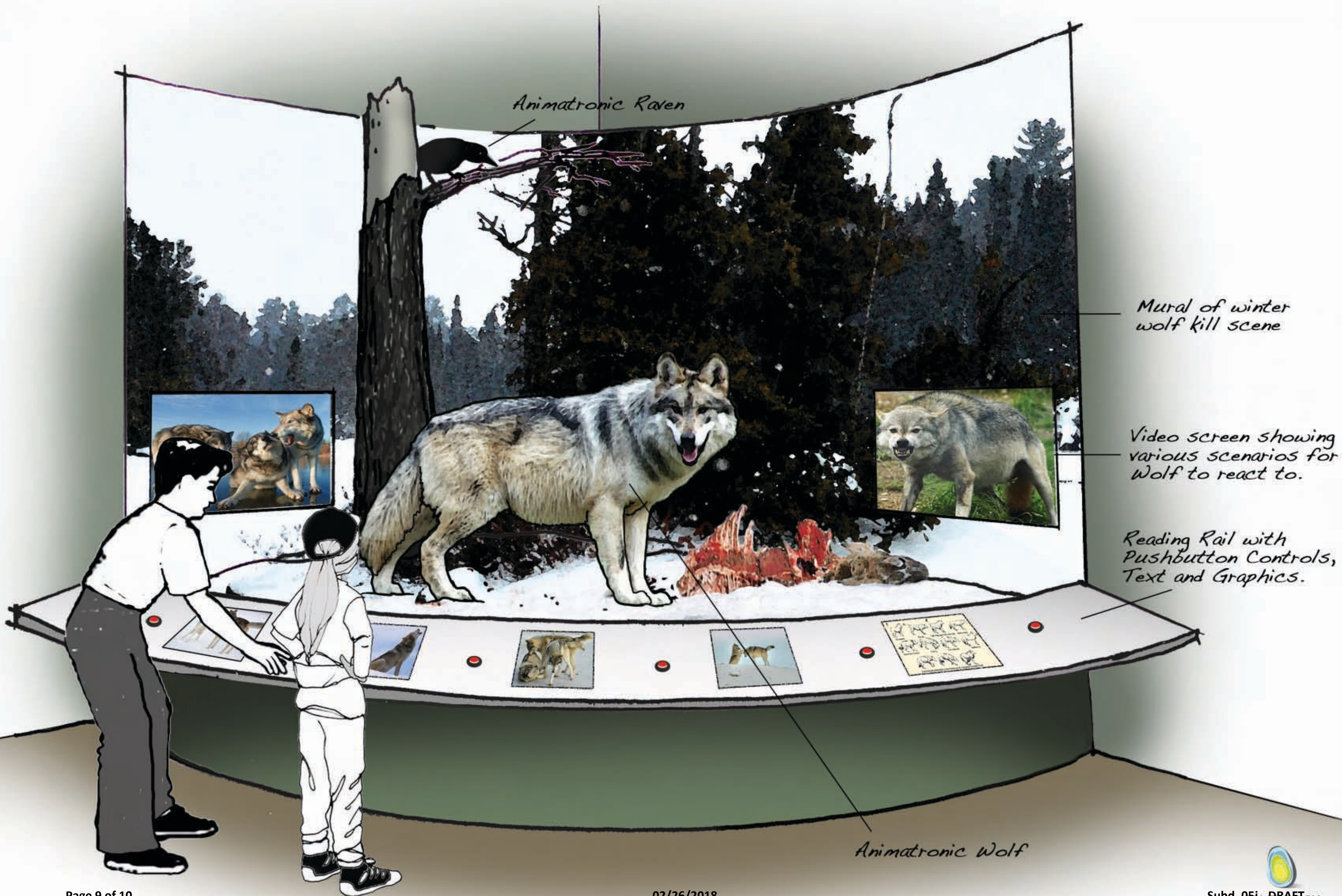
Telemetry Interactive



**International Wolf Center**  
ELY, MINNESOTA U.S.A.

02/26/2018





Animatronic Raven

Mural of winter  
wolf kill scene

Video screen showing  
various scenarios for  
Wolf to react to.

Reading Rail with  
Pushbutton Controls,  
Text and Graphics.

Animatronic Wolf



*Sound triggered  
audio Howl response*

*Lighting effects*

*Temperature Change*

