

# **APPENDICES**

## **APPENDIX A - LEGISLATION**

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### ***ANTIQUITIES ACT (1906)***

Authorizes the scientific investigation of antiquities on Federal land and provides penalties for unauthorized removal of objects taken or collected without a permit.

### ***MIGRATORY BIRD TREATY ACT (1918)***

Designates the protection of migratory birds as a Federal responsibility. This act enables the setting of seasons, and other regulations including the closing of areas, Federal or non-Federal to the hunting of migratory bird.

### ***MIGRATORY BIRD CONSERVATION ACT (1929)***

Establishes procedures for acquisition by purchase, rental, or gift of areas approved by the Migratory Bird Conservation Commission.

### ***MIGRATORY BIRD HUNTING AND CONSERVATION STAMP ACT (1934)***

Authorized the opening of part of a refuge to waterfowl hunting.

### ***FISH AND WILDLIFE ACT (1956)***

Established a comprehensive national fish and wildlife policy and broadened the authority for acquisition and development of refuges.

### ***FISH AND WILDLIFE COORDINATION ACT (1958)***

Allows the Fish and Wildlife Service to enter into agreements with private landowners for wildlife management purposes.

### ***REFUGE RECREATION ACT (1962)***

Allows the use of refuges for recreation when such uses are compatible with the refuge's primary purposes and when sufficient funds are available to manage the uses.

### ***LAND AND WATER CONSERVATION FUND ACT (1965)***

Uses the receipts from the sale of surplus Federal land, outer continental shelf oil and gas sales, and other sources for land acquisition under several authorities.

### ***NATIONAL WILDLIFE REFUGE SYSTEM ADMINISTRATION ACT (1966)***

Defines the National Wildlife Refuge System and authorizes the Secretary to permit any use of a refuge provided such use is compatible with the major purposes for which the refuge was established.

### ***NATIONAL HISTORIC PRESERVATION ACT (1966) AS AMENDED***

Establishes as policy that the Federal Government is to provide leadership in the preservation of the nation's prehistoric and historic resources.

***ARCHITECTURAL ENVIRONMENTAL BARRIERS ACT (1968)***

Requires federally owned, leased, or funded buildings and facilities to be accessible to persons with disabilities.

***NATIONAL ENVIRONMENTAL POLICY ACT (1969)***

Requires the disclosure of the environmental impacts of any major Federal action significantly affecting the quality of the human environment.

***ENDANGERED SPECIES ACT (1973)***

Requires all Federal agencies to carry out programs for the conservation of endangered and threatened species.

***REHABILITATION ACT (1973)***

Requires programmatic accessibility in addition to physical accessibility for all facilities and programs funded by the Federal government to ensure that anybody can participate in any program.

***ARCHEOLOGICAL AND HISTORIC PRESERVATION ACT (1974)***

Directs the preservation of historic and archaeological data in Federal construction projects.

***CLEAN WATER ACT ( 1977)***

Requires consultation with the Corps of Engineers (4004 permits) for major wetland modifications.

***EXECUTIVE ORDER 11988 (1977)***

Each Federal agency shall provide leadership and take action to reduce the risk of flood loss and minimize the impact of floods on human safety, and preserve the natural and beneficial values served by the floodplains.

***AMERICAN INDIAN RELIGIOUS FREEDOM ACT (1978)***

Directs agencies to consult with native traditional religious leaders to determine appropriate policy changes necessary to protect and preserve Native American religious cultural rights and practices

***ARCHAEOLOGICAL RESOURCES PROTECTION ACT (1979) AS AMENDED***

Protects materials of archaeological interest from unauthorized removal or destruction and requires Federal managers to develop plans and schedules to locate archaeological resources

***EMERGENCY WETLANDS RESOURCES ACT (1986)***

The purpose of the Act is *To promote the conservation of migratory waterfowl and to offset or prevent the serious loss of wetlands by the acquisition of wetlands and other essential habitat, and for other purposes.*

***FEDERAL NOXIOUS WEED ACT (1990)***

Requires the use of integrated management systems to control or contain undesirable plant species; and an interdisciplinary approach with the cooperation of other Federal and state agencies.

***NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT (1990)***

Requires Federal agencies and museums to inventory, determine ownership of, and repatriate cultural items under their control or possession.

***AMERICANS WITH DISABILITIES ACT (1992)***

Prohibits discrimination in public accommodations and services.

***MANAGEMENT AND GENERAL PUBLIC USE OF THE NATIONAL WILDLIFE REFUGE SYSTEM - EXECUTIVE ORDER 12996 (1996)***

Defines the mission, purpose, and priority public uses of the National Wildlife Refuge System. It also presents four principles to guide management of the system.

## **APPENDIX B - EXECUTIVE ORDER 12996**

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### **MANAGEMENT AND GENERAL PUBLIC USE OF THE NATIONAL WILDLIFE REFUGE SYSTEM**

By the authority vested in me as President by the Constitution and the laws of the United States of America, and in furtherance of the purposes of the Fish and Wildlife Act of 1956 (16 U.S.C. 742a), the Fish and Wildlife Coordination Act (16 U.S.C. 661), the National Wildlife Refuge System Administration Act (16 U.S.C. 668dd), the Refuge Recreation Act (16 U.S.C. 460k), the Endangered Species Act of 1973 (16 U.S.C. 1531), the Emergency Wetlands Resources Act (16 U.S.C. 3901), the National Environmental Policy Act (42 U.S.C. 4321), and other pertinent statutes, and in order to conserve fish and wildlife and their habitat, it is ordered as follows:

**Section 1. The Mission of the National Wildlife Refuge System.** The mission of the National Wildlife Refuge System ("Refuge System") is to preserve a national network of lands and waters for the conservation and management of fish, wildlife, and plant resources of the United States for the benefit of present and future generations.

**Sec. 2. Guiding Principles.** To help ensure a bright future for its treasured national heritage. I hereby affirm the following four guiding principles for management and general public use of the Refuge System:

- (a) **Public Use.** The Refuge System provides important opportunities for compatible wildlife-dependent recreational activities involving hunting, fishing, wildlife observation and photography, and environmental education and interpretation.
- (b) **Habitat.** Fish and wildlife will not prosper without high-quality habitat, and without fish and wildlife, traditional uses of refuges cannot be sustained. The Refuge System will continue to conserve and enhance the quality and diversity of fish and wildlife habitat within refuges.
- (c) **Partnerships.** America's sportsmen and women were the first partners who insisted on protecting valuable wildlife habitat within wildlife refuges. Conservation partnerships with other Federal agencies, State agencies, Tribes, organizations, industry, and the general public can make significant contributions to the growth and management of the Refuge System.
- (d) **Public Involvement.** The public should be given a full and open opportunity to participate in decisions regarding acquisition and management of our National Wildlife Refuges.

**Sec. 3. Directives to the Secretary of the Interior.**

To the extent consistent with existing laws and interagency agreements, the Secretary of the Interior, in carrying out his trustee and stewardship responsibilities for the Refuge System is directed to:

- (a) recognize compatible wildlife-dependent recreational activities involving hunting, fishing, wildlife observation and photography, and environmental education and interpretation as priority general public uses of the Refuge System through which the American public can develop an appreciation for fish and wildlife;
- (b) provide expanded opportunities for these priority public uses within the Refuge System when they are compatible and consistent with sound principles of fish and wildlife management, and are otherwise in the public interest;
- (c) ensure that such priority public uses receive enhanced attention in planning and management within the Refuge System;
- (d) provide increased opportunities for families to experience wildlife-dependent recreation, particularly opportunities for parents and their children to safely engage in traditional outdoor activities, such as fishing and hunting;
- (e) ensure that the biological integrity and environmental health of the Refuge System is maintained for the benefit of present and future generations of Americans;
- (f) continue, consistent with existing laws and interagency agreements, authorized or permitted uses of units of the Refuge System by other Federal agencies, including those necessary to facilitate military preparedness;
- (g) plan and direct the continued growth of the Refuge System in a manner that is best designed to accomplish the mission of the Refuge System, to contribute to the conservation of the ecosystems of the United States, and to increase support for the Refuge System and participation from conservation partners and the public;

- (h) ensure timely and effective cooperation and collaboration with Federal agencies and State fish and wildlife agencies during the course of acquiring and managing National Wildlife Refuges;
- (i) ensure appropriate public involvement opportunities will be provided in conjunction with refuge planning and management activities; and
- (j) identify, prior to acquisition, existing compatible wildlife-dependent uses of new refuge lands that shall be permitted to continue on an interim basis pending completion of comprehensive planning.

**Sec. 4 Judicial Review.** This order does not create any right or benefit, substantive or procedural, enforceable at law or equity by a party against the United States, its agencies, its officers, or any person.

WILLIAM J. CLINTON

THE WHITE HOUSE,  
March 25, 1996

## **APPENDIX C - WILDLIFE USE BY HABITAT TYPE**

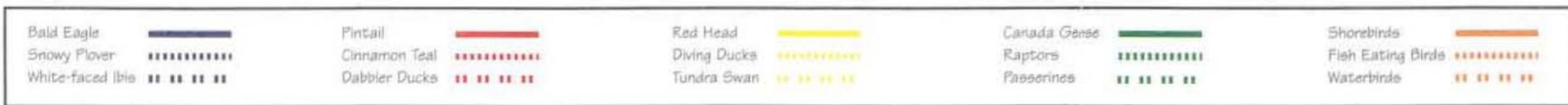
| Species or Group | Dry Mudflat | Wet Mudflat | Wet Meadow | Shallow Emergent | Mid-Depth Emergent | Deep Emergent | Shallow Submergent | Deep Submergent | Open Channel |
|------------------|-------------|-------------|------------|------------------|--------------------|---------------|--------------------|-----------------|--------------|
|                  |             | 0-2"        | 4-8"       | 6-12"            | 6-24"              | 6-24"         | 4-16"              | 18-36"          |              |
| Bald Eagle       |             | Resting     |            |                  |                    |               |                    | Feeding         | Feeding      |
| Per.Falcon       |             | Feeding     | Feeding    | Feeding          | Feeding            | Feeding       | Feeding            | Feeding         | Feeding      |
| W.F.Ibis         |             | Feeding     | Feeding    | Feeding          |                    | Nesting       |                    |                 |              |
| Sn.Plover        | Nesting     | Feeding     |            |                  |                    |               |                    |                 |              |
| Tun.Swan         |             |             |            | Resting          |                    |               | Feeding            |                 |              |
| Pintail          |             | Resting     | Nesting    | Nesting          | Molting            |               | Feeding            |                 |              |
|                  |             |             | Resting    | Feeding          |                    |               | Molting            |                 |              |
| Redhead          |             |             |            |                  | Nesting            | Nesting       | Resting            | Feeding         | Feeding      |
|                  |             |             |            |                  |                    |               | Feeding            | Brood           |              |
|                  |             |             |            |                  |                    |               |                    | Resting         |              |
| Cin.Teal         |             | Feeding     | Feeding    | Feeding          | Feeding            |               |                    |                 |              |
|                  |             | Resting     | Nesting    | Resting          | Brood              |               |                    |                 |              |
|                  |             |             |            |                  | Molting            |               |                    |                 |              |
| Dabbler          |             | Feeding     | Feeding    | Feeding          | Brood              |               |                    |                 |              |
|                  |             | Resting     | Nesting    | Brood            | Molting            |               |                    |                 |              |
| Shorebird        | Nesting     | Nesting     | Nesting    | Feeding          |                    |               |                    |                 |              |
|                  |             | Feeding     |            |                  |                    |               |                    |                 |              |
| Fish Eating      |             |             |            | Feeding          | Feeding            | Nesting       | Feeding            | Feeding         | Feeding      |
|                  |             |             |            |                  | Nesting            |               |                    |                 |              |
| Waterbirds       |             |             |            | Feeding          | Feeding            | Nesting       | Feeding            |                 |              |
| Can.Geese        | Resting     | Resting     | Feeding    | Feeding          | Nesting            |               | Feeding            | Molting         | Resting      |
|                  |             | Feeding     |            | Nesting          |                    |               |                    |                 |              |
| Divers           |             |             |            |                  | Nesting            | Nesting       | Resting            | Resting         | Resting      |
|                  |             |             |            |                  |                    |               | Feeding            | Feeding         | Feeding      |
|                  |             |             |            |                  |                    |               |                    | Brood           |              |
| Raptors          |             |             | Feeding    | Feeding          |                    |               |                    |                 |              |
|                  |             |             | Nesting    |                  |                    |               |                    |                 |              |
| Passerine        |             | Feeding     | Feeding    | Feeding          | Feeding            | Nesting       |                    |                 |              |
|                  |             |             | Nesting    |                  | Nesting            |               |                    |                 |              |

## ***APPENDIX D - SEASONAL USE OF HABITATS***

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# Bear River Migratory Bird Refuge

- Bird Species Use By Habitat Type -

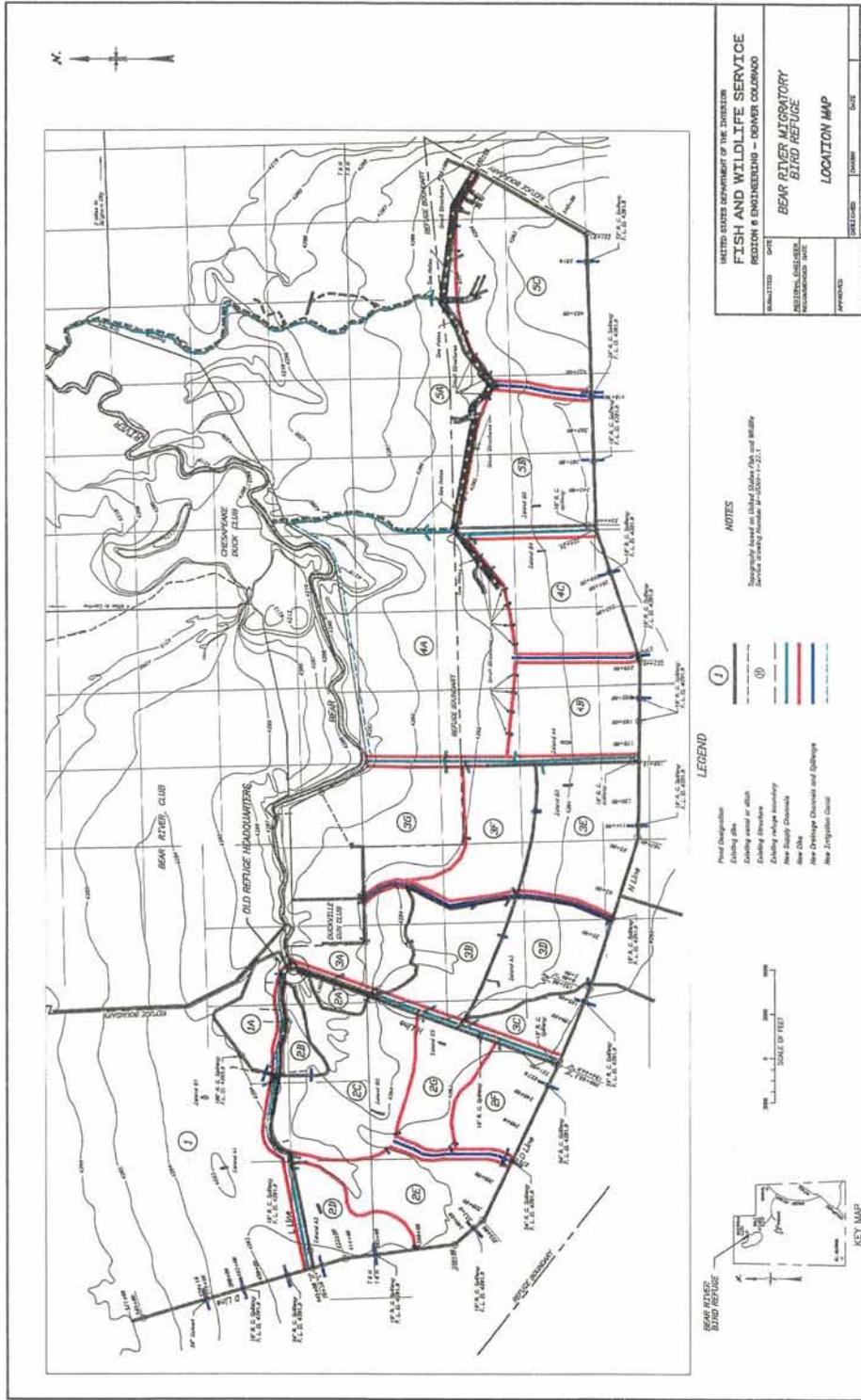


## **APPENDIX E - HABITAT OBJECTIVES**

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| <b>OPTIMUM HABITAT OBJECTIVES</b> |                  |
|-----------------------------------|------------------|
| <b>Habitat Type</b>               | <b>Acres</b>     |
| 1. Uplands                        | 1,700.00         |
| 2. Dry Mudflat                    | 6,400.00         |
| 3. Wet Mudflat                    | 28,800.00        |
| 4. Wet Meadows                    | 7,700.00         |
| 5. Shallow Emergent               | 8,000.00         |
| 6. Mid-depth Emergent             | 6,000.00         |
| 7. Deep Emergent                  | 1,800.00         |
| 8. Shallow Submergent             | 8,500.00         |
| 9. Deep Submergent                | 3,500.00         |
| 10. Open Channel                  | 550.00           |
| <b>Total</b>                      | <b>72,950.00</b> |

# APPENDIX F - MAP OF EXISTING AND NEW DEVELOPMENTS



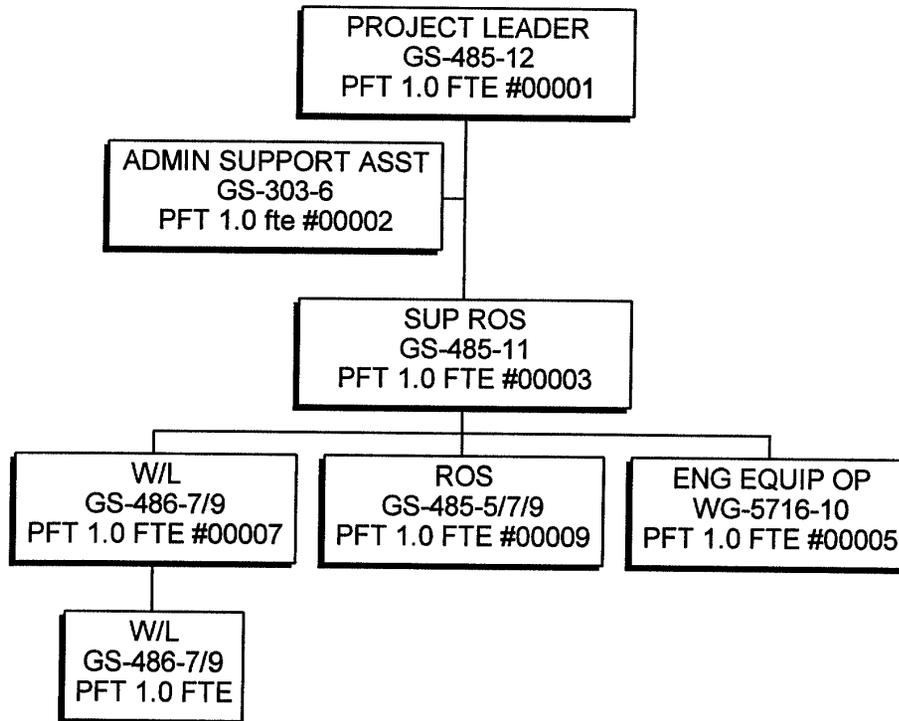
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## **APPENDIX G - FUNDING AND FTE SUMMARY**

| <b>FUNDING AND FTE STATION SUMMARY</b> |                    |                       |            |                     |         |
|--|--------------------|-----------------------|------------|---------------------|---------|
|  | Habitat Management | Population Management | Public Use | Resource Management | Totals  |
| <b>CURRENT</b>                         |                    |                       |            |                     |         |
| 1260 Base                              | 234.2              | 50.0                  | 20.0       | 10.0                | 314.2   |
| 1260 1-Time                            | 7.3                | 0.0                   | 0.0        | 0.0                 | 7.3     |
| Non-1260 Base                          | 55.0               | 0.0                   | 0.0        | 0.0                 | 55.0    |
| Non-1260 1 Time                        | 246.8              | 7.0                   | 0.0        | 0.0                 | 253.8   |
| Total \$\$                             | 543.3              | 57.0                  | 20.0       | 10.0                | 630.3   |
| 1260 FTE's                             | 4.6                | 1.9                   | 0.5        | 0.6                 | 7.6     |
| Non-1260 FTE's                         | 1.6                | 0.7                   | 0.0        | 0.0                 | 2.3     |
| <b>MINIMUM NEEDS</b>                   |                    |                       |            |                     |         |
| Recurring Base                         | 318.6              | 135.6                 | 128.3      | 77.5                | 660.0   |
| One-Time                               | 0.0                | 0.0                   | 0.0        | 0.0                 | 0.0     |
| Total \$\$                             | 318.6              | 135.6                 | 128.3      | 77.5                | 660.0   |
| FTE's                                  | 4.6                | 1.9                   | 2.1        | 1.0                 | 9.6     |
| <b>FULL OBJECTIVE</b>                  |                    |                       |            |                     |         |
| Current 1260 Base                      | 234.2              | 50.0                  | 20.0       | 10.0                | 314.2   |
| RONs Base Needs                        | 105.0              | 30.0                  | 50.0       | 0.0                 | 185.0   |
| RONs 1-Time Needs                      | 1,760.0            | 0.0                   | 344.0      | 0.0                 | 2,104.0 |
| All MMS Projects                       |                    |                       |            |                     | 4,067.0 |
| Total \$\$                             | 2,099.2            | 80.0                  | 414.0      | 10.0                | 6,670.2 |
| Current 1260 FTE's                     | 4.6                | 1.9                   | 0.5        | 0.6                 | 7.6     |
| RONs FTE's                             | 2.0                | 0.5                   | 1.0        | 0.0                 | 3.5     |
| Total FTE's                            | 6.6                | 2.4                   | 1.5        | 0.6                 | 11.1    |

BEAR RIVER MBR  
(65530)

TOTAL FTE's: 8.6  
PERM FTE's: 7.0  
TEMP FTE's: 1.6



# APPENDIX I - RONS NEEDS SUMMARY

|   |   |     |   |     |                   |  |             |     |     |  |
|---|---|-----|---|-----|-------------------|--|-------------|-----|-----|--|
| <b>7</b>  | <b>8) PUBLIC EDUCATION &amp; RECREATION: Provide Visitor Services</b> |     |   |     |                   |  |             |     |     |  |
| 50. additional visitors will visit the station , 20. existing visitors will have new opportunities                  |   |     |   |     |                   |  |             |     |     |  |
| DEVELOP A 8'X8'X7'FULLY ACCESSIBLE PHOTO/HUNT BLIND   |   |     |   |     |                   |  |             |     |     |  |
| <b>FUNDS(\$000) &amp; STAFF NEEDED:</b>   |   |     |   |     |                   |  |             |     |     |  |
|   |   |     | <u>Construction</u>   |     | <u>Operations</u> |  | <u>FTEs</u> |     |     |  |
| First Year:   |   |     | \$15  |     |                   |  | 0.0         |     |     |  |
| Subsequent Years:   |   |     |   |     | \$1               |  | 0.0         |     |     |  |
| <b>OUTCOMES*:</b>   |   |     |   |     |                   |  |             |     |     |  |
| ES  | WF  | OMB | HEC   | IAF | SDA               | RFW  | PED         | PRC | TOT |  |
|   |   |     | 10  | 0   | 0                 | 0  | 60          | 30  | 100 |  |
| <b>PLANNING LINK:</b>   |   |     |   |     |                   |  |             |     |     |  |
| <input type="checkbox"/> Station CMP  |   |     | <input checked="" type="checkbox"/> Station Step-down Mgmt Plan |     |                   | <input type="checkbox"/> Ecosystem Goal/Plan |             |     |     |  |
| <input type="checkbox"/> Station Goal/Objective   |   |     | <input type="checkbox"/> Recovery Plan                          |     |                   | <input type="checkbox"/> Legal Mandate       |             |     |     |  |
| IDENTIFIED IN PUBLIC USE MASTER PLAN  |   |     |   |     |                   |  |             |     |     |  |
| PROJECT #: .....96004..... RANK - STATION: .....7..... DISTRICT: .....999.. REGION: .....999.. NATIONAL: .....999.. |   |     |   |     |                   |  |             |     |     |  |

|  |   |     |   |     |                   |  |             |     |     |  |
|--|---|-----|---|-----|-------------------|--|-------------|-----|-----|--|
| <b>1</b>   | <b>2) HABITAT RESTORATION: Wetland Restoration: On-Refuge</b> |     |   |     |                   |  |             |     |     |  |
| 5000 acres will be restored , 3 site(s) will be restored   |   |     |   |     |                   |  |             |     |     |  |
| HIRE A PERMANENT HEAVY EQUIPMENT OPERATOR TO OPERATE EARTH MOVING EQUIPMENT CONSTRUCTING A BYPASS CANAL , BARTHERN DIKE , AND CLEAN EXISTING , BUT DETERIORATING CHANNELS INTO UNIT 4 OF THE REFUGE. THIS WILL ENHANCE APPROXIMATELY 5,000 ACRES. IF THIS PROJECT IS NOT COMPLETED, WATER MANAGEMENT IN THE UNIT WILL NOT BE AS EFFICIENT AND THE MARSH WILL NOT BE AS PRODUCTIVE. |   |     |   |     |                   |  |             |     |     |  |
| <b>FUNDS(\$000) &amp; STAFF NEEDED:</b>  |   |     |   |     |                   |  |             |     |     |  |
|  |   |     | <u>Construction</u>   |     | <u>Operations</u> |  | <u>FTEs</u> |     |     |  |
| First Year:  |   |     | \$150   |     | \$50              |  | 1.0         |     |     |  |
| Subsequent Years:  |   |     |   |     | \$5               |  | 1.0         |     |     |  |
| <b>OUTCOMES*:</b>  |   |     |   |     |                   |  |             |     |     |  |
| ES   | WF  | OMB | HEC   | IAF | SDA               | RFW  | PED         | PRC | TOT |  |
| 3  | 67  | 20  | 10  | 0   | 0                 | 0  | 0           | 0   | 100 |  |
| <b>PLANNING LINK:</b>  |   |     |   |     |                   |  |             |     |     |  |
| <input checked="" type="checkbox"/> Station CMP  |   |     | <input checked="" type="checkbox"/> Station Step-down Mgmt Plan |     |                   | <input type="checkbox"/> Ecosystem Goal/Plan |             |     |     |  |
| <input type="checkbox"/> Station Goal/Objective  |   |     | <input type="checkbox"/> Recovery Plan                          |     |                   | <input type="checkbox"/> Legal Mandate       |             |     |     |  |
| THE CMP, ENVIRONMENTAL ASSESSMENT PLAN FOR THE RESTORATION AND EXPANSION OF THE REFUGE AND THE WATER MANAGEMENT PLAN ALL ARE BASED ON THE ENHANCEMENT OF THE REFUGE, I.E. BREAKING THE EXISTING REFUGE UNITS INTO SMALLER, MORE MANAGEABLE UNITS WHICH WILL INCREASE THE PRODUCTIVE OF THE MARSH.  |   |     |   |     |                   |  |             |     |     |  |
| PROJECT #: .....96001..... RANK - STATION: .....1..... DISTRICT: .....999.. REGION: .....999.. NATIONAL: .....999..  |   |     |   |     |                   |  |             |     |     |  |

|  |  |     |   |     |                   |  |             |     |     |  |
|--|--|-----|---|-----|-------------------|--|-------------|-----|-----|--|
| <b>2</b>   | <b>1) MONITORING &amp; STUDIES: Surveys &amp; Censuses</b> |     |   |     |                   |  |             |     |     |  |
| new survey(s) will be conducted , % of effort will be off-refuge   |  |     |   |     |                   |  |             |     |     |  |
| HIRE A BIOLOGICAL TECHNICIAN FOR SIX MONTHS TO HELP WITH BIOLOGICAL MONITORING ON THE REFUGE. THIS WOULD INCLUDE MONITORING WATERFOWL POPULATIONS, WATER QUALITY STUDIES, MIGRATORY SONG BIRD BANDING, SHOREBIRD CENSUSES AND PREDATOR POPULATION MONITORING AND MANAGEMENT. |  |     |   |     |                   |  |             |     |     |  |
| <b>FUNDS(\$000) &amp; STAFF NEEDED:</b>  |  |     |   |     |                   |  |             |     |     |  |
|  |  |     | <u>Construction</u>   |     | <u>Operations</u> |  | <u>FTEs</u> |     |     |  |
| First Year:  |  |     | \$5   |     | \$30              |  | 0.5         |     |     |  |
| Subsequent Years:  |  |     |   |     | \$30              |  | 0.5         |     |     |  |
| <b>OUTCOMES*:</b>  |  |     |   |     |                   |  |             |     |     |  |
| ES   | WF   | OMB | HEC   | IAF | SDA               | RFW  | PED         | PRC | TOT |  |
| 3  | 67   | 20  | 10  | 0   | 0                 | 0  | 0           | 0   | 100 |  |
| <b>PLANNING LINK:</b>  |  |     |   |     |                   |  |             |     |     |  |
| <input checked="" type="checkbox"/> Station CMP  |  |     | <input checked="" type="checkbox"/> Station Step-down Mgmt Plan |     |                   | <input type="checkbox"/> Ecosystem Goal/Plan |             |     |     |  |
| <input type="checkbox"/> Station Goal/Objective  |  |     | <input type="checkbox"/> Recovery Plan                          |     |                   | <input type="checkbox"/> Legal Mandate       |             |     |     |  |
| POPULATIONS MUST BE MONITORED TO DETERMINE IF GOALS AND OBJECTIVES FOR WILDLIFE POPULATIONS ARE BEING MET.   |  |     |   |     |                   |  |             |     |     |  |
| PROJECT #: .....96002..... RANK - STATION: .....2..... DISTRICT: .....999.. REGION: .....999.. NATIONAL: .....999..  |  |     |   |     |                   |  |             |     |     |  |



**8) PUBLIC EDUCATION & RECREATION: Provide Visitor Services**

10000 additional visitors will visit the station, 5000 existing visitors will have new opportunities  
 HIRE OUTDOOR RECREATION PLANNER TO WORK WITH ENVIRONMENTAL EDUCATION PROGRAMS FOR SCHOOL GROUPS, ORGANIZATIONS AND AGENCIES.

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**FUNDS(\$000) & STAFF NEEDED:**

|                   |                     |                   |             |
|-------------------|---------------------|-------------------|-------------|
|                   | <u>Construction</u> | <u>Operations</u> | <u>FTEs</u> |
| First Year:       | \$50                | \$50              | 1.0         |
| Subsequent Years: | \$50                | \$50              | 1.0         |

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**OUTCOMES\*:**

|           |           |            |            |            |            |            |            |            |            |
|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| <u>ES</u> | <u>WF</u> | <u>OMB</u> | <u>HEC</u> | <u>IAF</u> | <u>SDA</u> | <u>RFW</u> | <u>PED</u> | <u>PRC</u> | <u>TOT</u> |
| 3         | 67        | 20         | 10         | 0          | 0          | 0          | 0          | 0          | 100        |

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**PLANNING LINK:**     Station CMP                     Station Step-down Mgmt Plan     Ecosystem Goal/Plan  
 Station Goal/Objective     Recovery Plan                     Legal Mandate

**ENVIRONMENTAL EDUCATION WAS IDENTIFIED AS A NEED IN THE PUBLIC USE MASTER PLAN**

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**PROJECT #:** .....96007....    **RANK - STATION:** .....8....    **DISTRICT:** ...999..    **REGION:** ...999..    **NATIONAL:** ...999..

**6) 3) HABITAT MANAGEMENT: Manage Water Levels**

10000 additional acres will be managed, .6 new unit(s) will be managed  
 INSTALL 12 CONCRETE STOPLOGS WATER CONTROL STRUCTURES INTO CANALS TO SPILL/DRAIN WATER INTO INDIVIDUAL UNITS.

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**FUNDS(\$000) & STAFF NEEDED:**

|                   |                     |                   |             |
|-------------------|---------------------|-------------------|-------------|
|                   | <u>Construction</u> | <u>Operations</u> | <u>FTEs</u> |
| First Year:       | \$180               | \$0               | 0.0         |
| Subsequent Years: | \$0                 | \$0               | 0.0         |

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**OUTCOMES\*:**

|           |           |            |            |            |            |            |            |            |            |
|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| <u>ES</u> | <u>WF</u> | <u>OMB</u> | <u>HEC</u> | <u>IAF</u> | <u>SDA</u> | <u>RFW</u> | <u>PED</u> | <u>PRC</u> | <u>TOT</u> |
| 3         | 67        | 20         | 10         | 0          | 0          | 0          | 0          | 0          | 100        |

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**PLANNING LINK:**     Station CMP                     Station Step-down Mgmt Plan     Ecosystem Goal/Plan  
 Station Goal/Objective     Recovery Plan                     Legal Mandate

**ENHANCEMENT OF THE REFUGE BY BREAKING THE EXISTING REFUGE UNITS INTO SMALLER UNITS WAS IDENTIFIED IN THE WATER MANAGEMENT PLAN, CMP AND ENVIRONMENTAL ASSESSMENT**

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**PROJECT #:** .....96008....    **RANK - STATION:** .....6....    **DISTRICT:** ...999..    **REGION:** ...999..    **NATIONAL:** ...999..

**10) 2) HABITAT RESTORATION: Wetland Restoration: On-Refuge**

10000 acres will be restored, .1 site(s) will be restored  
 HIRE AN ADDITIONAL HEAVY EQUIPMENT OPERATOR TO RUN HEAVY EQUIPMENT TO RESTORE AND ENHANCE REFUGE FACILITIES.

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**FUNDS(\$000) & STAFF NEEDED:**

|                   |                     |                   |             |
|-------------------|---------------------|-------------------|-------------|
|                   | <u>Construction</u> | <u>Operations</u> | <u>FTEs</u> |
| First Year:       | \$0                 | \$50              | 1.0         |
| Subsequent Years: | \$0                 | \$50              | 1.0         |

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**OUTCOMES\*:**

|           |           |            |            |            |            |            |            |            |            |
|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| <u>ES</u> | <u>WF</u> | <u>OMB</u> | <u>HEC</u> | <u>IAF</u> | <u>SDA</u> | <u>RFW</u> | <u>PED</u> | <u>PRC</u> | <u>TOT</u> |
| 3         | 67        | 20         | 10         | 0          | 0          | 0          | 0          | 0          | 100        |

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**PLANNING LINK:**     Station CMP                     Station Step-down Mgmt Plan     Ecosystem Goal/Plan  
 Station Goal/Objective     Recovery Plan                     Legal Mandate

**ENHANCEMENT AND RESTORATION OF THE REFUGE WAS IDENTIFIED IN THE WATER MANAGEMENT PLAN, ENVIRONMENTAL ASSESSMENT AND CMP**

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**PROJECT #:** .....96009....    **RANK - STATION:** .....10....    **DISTRICT:** ...999..    **REGION:** ...999..    **NATIONAL:** ...999..

