

PIUTE PONDS: WORKING GROUP GOALS

(Must not impact DOD missions)

Storage:

Use N. Buffer pond for storage

Water Storage for low periods

No management (natural succession)

Water structures:

Water structures with redundancy

Consider “overbuilding” structures to allow for climate change and higher intensity storms

Look at cost benefit in overbuild

Low end vs high end maintenance

Phase design

Use an engineer to design

Look at cost benefit in overbuilding

Flexible maintenance ability

System with maximum durability/flexible/minimum maintenance with redundancy

Water quality:

Move water through the system to decrease salinity

Highest water quality when moving water

Ecosystem:

Emergent open-water ecosystem

Moist soil management (seasonal wetlands/timely drawdowns)

So that seasonal mudflats are present for shorebirds

Muddy open areas – rise and fall at the right time

Rotate dry and wet ponds

Permanent area with 3-6 inches-although someone noted this is bad for vegetation and the system

Manage the ecosystem (not just birds but for plants, mammals, invertebrates)

Increase habitat diversity

Increase wetland diversity

Islands

Drop all ponds to reveal islands

Vegetative habitat-islands removal

Break up ponds (i.e. ponds within ponds)

Deep / terraced / seasonal

2 sets to allow flexibility

Tamarisk abatement

Manage for overall highest diversity

Consider endangered species

Increase tricolored habitat

Consider losses and gains of other species when making modifications to the system

Focus modifications to improve habitat (versus development of roads/platforms etc)

Invasive/unwanted-new introduced species

Fish occurrences?

No beavers

Uses:

Keep in mind recreational, educational and research uses—In your backyard-people care if they use and value the area

Research use

Educational use

Education-elementary school-access

Expertise availability

Art show use

Recreational use (boyscouts/hiking/camping)

Elevated platforms/docks for wildlife viewing

Expand recreational uses

Road maintenance-to provide access during all seasons and weather patterns

i.e. road to DU ponds

i.e. Rogers warning areas

Bridge (over cement culvert)

Annual maintenance fund

Road structures

Repair of water structures

Additional thoughts:

Update P.P. MOU

Flexibility

Board-rewrite order upon showing good project

Safe harbor/Section 7

Lay out dredge type plans

Location for sediment

Partnership-D14, DFG, FW, LWQCB, EAFB

Community support/coordination/WTR projection (spring flows ex)

Partnership mnt incl reassessment

Need to determine regulatory jurisdiction

Look at cost benefit in overbuilding

Cooperative EA

503c foundation to fund management

DU funds-grants

Steering committee

EAFB approval required

Window of opportunity through 2012 to get 95 ABW signature

Management must be compatible with mission of EAFB

MOU for agency signature-INRMP cooperative agreement

Clarity on what to manage

Need gnat/timeline-what do we want from everyone (agencies)-requires good planning

Stay mindful get management on board now

Website potential