

A ONE PAGE SUMMARY FOR RESOU

Resource Management Plan User Table for

SYSTEM	RESOURCE BASIC INVENTORY	NATURAL INFLUENCES	HUMAN INFLUENCES
AIR	No Data Base Corrosive Atmosphere	Assumed to be little	Air Pollution - Industrial, Vehi Aircraft
WATER	Laguna Madre - Excellent Gulf of Mexico - Adequate Fresh Water - Insufficient	Laguna Madre-Water Circulation, Salinity Gulf - Assumed not to be significant	Boating, Oil & Gas Operations Oil Spills, Litter, Human Waste
ABiotic	Excellent	Ponds - Drought/Flooding, Oxygen, PH Hurricanes	Vehicles, Pedestrians, Oil & G Operations, Roads & Utilities
GEOLOGY (SOILS)	Geophysical Base - Insufficient	None known at present All Historic	Extraction
OIL & GAS MINERALS	Good General References Fire Weather - None Microclimates - None	Hurricane effects known Many variables unknown	Hurricane Manipulation, Cloud Seeding
CLIMATE	General Information - Excellent Historical Data - Insufficient	Lightning Fires - Frequency Intensity	Fireworks, Accidental Ignition Suppression, External Encroac
FIRE			
BIOTIC			
TERRESTRIAL	General Information - Adequate Historic Data - Insufficient	Population Dynamics Succession	Visitor Use, Oil & Gas, Suppression of Wildfire Sea Oat Collecting
UNIQUE (endangered, threatened) (endemic, exotic)	Tamersk known, Landscaping Vegetation known, Others suspected.	Not applicable at this time	Introduction of Exotic Species
FLORA	Excellent overall Update sea grass distribution in Laguna Madre needed	Succession - Limited knowledge	Oil & Gas Operations, Dredging Boat Operation, Sport & Comm Fishing, Oil Spills
MARINE	Not endangered or threatened	Not applicable at this time	Unknown
UNIQUE	General Information - Adequate Historical data - insufficient	Population Dynamics- Limited knowledge	Visitor Use, Oil & Gas Operati Mosquito Abatement, Insect Pest Control, Suppress of Wildfire.
TERRESTRIAL	Peregrine Falcon - excellent Transient Exotic - deficient White Pelican - adequate	Population Dynamics — Limited Knowledge	Visitor Use, Oil & Gas Ops., Aircraft, Illegal Capture, Tran Transient Exotic, Feral Dogs Garbage, Parasites
UNIQUE	Excellent	Salinity Oxygen Levels PH	Visitor Use, Boat Operations, & Gas Ops., Sport & Commer Fishing, Oil Spills, Poaching
FAUNA	Kemp's Ridley Sea Turtle - adequate Loggerhead Sea Turtle - adequate Marine Mammals - adequate	Nesting / Not Nesting	Commercial Fishing, Collectio Poaching, Harrasment
MARINE			
UNIQUE			

This table is a summary of the Park's Resource Management Program.
To use the table, simply ask yourself which subject you are interested in. If it is
geology for example, the next column provides an evaluation of the knowledge of the
system. Four categories have been chosen:

Excellent	Satisfies all present and anticipated future needs for resource information on which to base management actions.
Adequate	Satisfies all present needs for resource information on which to base management action.
Insufficient	Indicates a lack of knowledge specific to Padre Island. Such information would be needed before a management decision could be made.

Inadequate (No data base)	Indicates a lack of information on the sub general as well as specific to your area.
Visual	None of the above presuppose that the information is not available fr just that it has not been located nor is it available on site for manag To find out the actual extent of the knowledge, consult the Bibliograp subject. Known natural and man-related influences on the subject are indicat columns. The documentation of man's influence (next to the last column) indi documentation is available.
	Indicates that a trained person can go on- visually recognize the influence.

CE MANAGEMENT PLANS

Padre Island NS

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DOCUMENTATION OF HUMAN INFLUENCES

NEEDS (PROJECT NUMBER) CATEGORY

Some visual, otherwise none

Visual - good
Plans of Operation - good
Research - weak

Visual - good
Research - fair to good

Plans of Operation - good
Extraction Records - good

None Available

Fire Reports - good for past 10 yrs.
Visual - fair to good
Research - weak

Research - fair to good
Visual - fair to good
Plans of Operation - good
Documentation - weak

Visual - good
Research - none

Visual - fair to good
Research - fair to good
Plans of Operation - good
Documentation - weak

None

Visual - fair to good
Research - fair
Plans of Operations - good
Documentation - fair

Visual - weak
Research - fair
Plans of Operations - good
Documentation - weak to fair

Visual - weak
Research - fair
Plans of Operations - good
Documentation - fair to good

Visual - Weak
Research - fair
Documentation - good

A	B	C	D	E
	N-005	N-012 N-013		
N-001	N-005	N-009		N-025
N-002		N-011 N-014		
N-001	N-005	N-010		N-018
N-002	N-008	N-011		N-020 N-021 N-025
N-001	N-005	N-010		N-025
N-002		N-012		
		N-011		N-024
	N-005		N-015 N-016	N-025
N-001	N-005	N-009	N-015	N-018
N-002	N-006	N-011	N-016 N-017	N-021 N-025
N-001	N-005	N-009	N-015	N-018
N-002	N-006	N-011	N-016 N-017	N-021 N-025
N-001	N-005	N-009		N-019
N-002	N-006	N-011		N-020
N-001	N-005	N-009	N-015	N-018
N-002	N-006	N-011	N-016 N-017	N-021 N-022 N-025
N-001	N-005	N-009	N-015	N-018
N-002	N-006	N-011	N-016 N-017	N-021 N-022 N-025
N-001	N-005	N-009		N-019
N-002	N-006	N-011		N-020
N-001	N-005	N-009		N-019
N-002	N-006	N-011		N-020
N-003	N-007			

Plans of
Operation

Research

Extraction
Records

Documentation

Indicates that the influence is documented in an approved oil and gas Plan of Operation.

Indicates that the influence is documented in research literature (see Bibliography)

These records are maintained by the Oil company. The information may be available through a state regulatory agency.

Indicates the relative value of the information in the documented sources noted.

The last column *Needs (Project Number)* lists the resource management project numbers for current and projected needs. Projects are listed by major priority categories (A, B, C, D, E). Information about the action is contained in the Project Statement.

Since 1968, I've been fighting the Battle of the Resources Management Plan. One of the problems which constantly arises is determining to the satisfaction of everyone — user and reviewer — how much detail is necessary. The solution we've come up with is the use of a table which summarizes the significant parts of the Plan in one page for the reader, yet allows the user to incorporate all the information he needs into the body of the Plan.

The Plan user has reviewed a great deal of information and literature in the preparation of the Plan. Much of the data accumulated and any references located are needed in order that the Plan be executed consistent with the findings. Sometimes 4 or 5 years may pass between the time the Plan is written and various phases are executed. Personnel have changed. To relocate the information is time consuming and in some instances, impossible. The reader, reviewer, on the other hand, generally is not interested in detail; he wants pertinent facts. Yet reviewers, who have approval responsibility, want some assurance that the data presented is backed up in writing.

The method of presentation we've developed uses the generally accepted taxonomic classification (kingdom), but this can be modified down to species if the need exists. We have defined the term unique (endangered, threatened, endemic, exotic) as "peculiar to Padre Island" in contrast to the dictionary definition of "one of a kind."

The major headings of the table pose questions concerning the systems. What do we know about each system? What are the natural influences on the system? What are the human influences on the systems? What documentation is available to substantiate influences? What is needed (Projects) to answer the questions or to mitigate influences so the system can function in accordance with resource management objectives.

Accompanying the table is a series of definitions for the terms used: excellent, adequate, visual, etc. The bibliography is arranged by systems. Cross referencing by key word has not been done but would be helpful. Project numbers have been duplicated where one project satisfies more than one need. Listing the project title would be more informative but requires too much space.

Comments on the table have been very favorable. The biggest weakness is lack of standardization servicerwide. If each area had a one page summary similar to this, then in most cases Region and WASO offices would be able to work with the one page summary while the areas could continue with the full plan at whatever depth they felt necessary. A similar approach is applicable to cultural resources.

Editor's Note: Last spring a Departmental Trainee working in the NPS Division of Natural Resource Management, Richard Coon, sampled 17 National Parks to compare high priorities (SRPs) with Project Statements identified in the RMPs, and to determine if the high priority threats are being adequately addressed in the RMPs. Coon found "great variability in classifying projects," which he noted "may lead to confusion as the RMPs are used." His conclusion was that more instructional material may be needed "aid in standardizing the classification of projects as to management, monitoring, or research."