

MEMORANDUM OF AGREEMENT
Between the
U.S. ARMY CORPS OF ENGINEERS
LOS ANGELES DISTRICT,
LA PAZ COUNTY,
&
The U.S. FISH AND WILDLIFE SERVICE
Regarding the Establishment and Operation of the
LA PAZ COUNTY ENDANGERED SPECIES FUND 290

This agreement regarding establishment and operation of an in-lieu-fee program, the La Paz County Endangered Species Fund 290 (Fund), is made and entered among the U.S. Army Corps of Engineers (Corps), La Paz County (County), and the U.S. Fish and Wildlife Service (FWS) effective on the last date set forth on the signatory page hereto.

I. PREAMBLE

- A. WHEREAS, the Corps, the County, and the FWS recognize the importance of the creation, enhancement, or restoration of habitat for and reintroduction of the Lower Colorado River native endangered fish species, the razorback sucker (*Xyrauchen texanus*) and the bonytail chub (*Gila elegans*), and the desert pupfish (*Cyprinodon macularius*),**
- B WHEREAS, the discharge of dredged and/or fill material into waters of the U.S., including wetlands and work or structures in or affecting a navigable water of the U.S. (the Colorado River) is regulated under provisions of Section 404 of the Clean Water Act (33 U.S.C. 1344) and Section 10 of the River and Harbor Act of 1899 (33 U.S.C. 403), respectively, and administered through a permit program under the auspices of the Corps,**
- C. WHEREAS, the Corps recognizes the potential for direct, indirect, and cumulative impacts which may occur to waters of the U.S. as a result of unauthorized and minor authorized activities under Section 404 and Section 10, in accordance with the Section 404(b)(1) Guidelines (40 CFR 230), the Corps requires compensatory mitigation to offset adverse impacts to aquatic resources,**
- D. WHEREAS, the Corps, the County, and the FWS propose to establish the La Paz County Endangered Species Fund 290 whereby project proponents, upon approval by the Corps, will be allowed to pay monies into the Fund to satisfy compensatory mitigation requirements,**

- E. WHEREAS, the County, as the Fund sponsor, has the ability to continue operation of the previously established Fund and the FWS has the authorization to implement projects which benefit the Lower Colorado River endangered fish species, as defined above,
- F. WHEREAS, the Fund will be solely used to create, enhance, or restore aquatic resources used by the razorback sucker, bonytail chub, and desert pupfish as well as for other activities directly related to preservation and reintroduction of these species into the Lower Colorado River,
- G. WHEREAS, the Corps retains full authority to approve or deny use of the Fund monies for specific activities undertaken by the FWS for the benefit of the razorback sucker, bonytail chub, and desert pupfish,
- H. WHEREAS, this agreement does not in any manner affect statutory authorities and responsibilities of the signatory parties.

II. THE CORPS AGREES TO:

- A. Review each proposal requiring a Section 404/10 permit or each unauthorized activity and determine the suitability to use the Fund to fulfill compensatory mitigation requirements; the Fund shall only be used to offset impacts from unauthorized activities or projects with minimal impacts qualifying for a general permit or letter of permission; the Fund shall not be used to mitigate for impacts to wetlands,
- B. Determine the mitigation ratio for projects requiring a Section 404/10 permit on a case-by-case basis using the standard of a minimum of 3:1 where mitigation is required to offset permanent losses and 1:1 where mitigation is required to offset functional losses,
- C. Collect in-lieu-fee-mitigation funds from the project proponent and immediately forward to the County for deposit into the Fund and provide the FWS with a copy of the fund transmittal letter to the County,
- D. Approve all disbursements from the Fund,
- E. Maintain a separate balance ledger for the Fund and annually audit the Fund balance, deposits, and disbursements with the County to ensure all records agree.

III. THE COUNTY AGREES TO:

- A. Establish a dedicated interest bearing account at an FDIC approved banking institution for the sole purpose of receiving funds to be used by the FWS for endangered fish species benefit; all interest accrued from this account shall be maintained in the account and used for Corps approved expenditures for the Lower Colorado River endangered species fish program,
- B Disburse funds for approved expenditures upon receipt of FWS request for payment of expenditures and provision of invoice for services
- C. Accept disbursement requests only from the FWS representative designated in this agreement with Corps authorization for approved expenditures,
- D. Maintain a balance ledger for the Fund and annually review the balance, deposits, and disbursements with the Corps to ensure all records agree.

IV. THE FWS AGREES TO:

- A. Use funds generated to support the following tasks: creation, enhancement, or restoration of habitat for Lower Colorado River endangered fish species or any activity directly related to the spawning, grow-out, reintroduction, or general benefit of the same species within the geographic area of the Los Angeles District on the Colorado River (Hoover Dam to the Southern International Border with Mexico),
- B. Acquire all appropriate permits, including Section 404/10 permits from the Corps, where applicable, prior to initiating any activity,
- C. Provide written requests including invoice of services to the County, with a copy provided to the Corps, for disbursement of funds,
- D. Provide to the Corps annually by the end of December, a brief summary of activities undertaken during the year where funds from the Fund have been used to benefit the Lower Colorado River endangered fish species.

V. ALL PARTIES MUTUALLY AGREE:

- A This fund will be used to mitigate for activities authorized under individual permits, general permits (nationwide and regional), and for unauthorized activities which result in unavoidable, permanent or functional impacts to aquatic resources on the Lower Colorado River and use of this mitigation program is subject to approval of the Corps on a case-by-case basis,

- B. This agreement shall become effective on the date of signature of the Corps and shall remain in effect unless amended or terminated by one of the parties herein in accordance with the following procedures. This agreement may be amended with 30 days written notification to all parties for request and reason of amendment; all amendments shall require a re-execution of this document to incorporate any changes. Any of the three parties may terminate the agreement with 30 days prior written notification to the other parties. The County may discontinue receiving funds on behalf of the FWS upon 30 days prior written notification to the other parties; however, the County shall not be relieved of its obligations under this agreement to disburse funds for invoices of service up to the date of termination of the agreement (30 days after written notification).
- C. Should this agreement be terminated by any of the three signatory parties in accordance with Section V(B), the County shall continue to disburse funds for all . approved expenditures with invoices of services up to the date of termination of the agreement (30 days after written notification); after such time, the County shall continue to hold funds in the FDIC interest bearing account until the Corps has arranged for another Fund administrator within a reasonable time. At that time, the County shall transfer all funds, including interest, to the Corps by cashier's check or money order made payable to the newly designated Fund administrator. At that time, a new agreement shall be executed to include any new participants to the agreement.

VI. NOTICES AND PROJECT OFFICERS:

The individuals listed below shall be the current Project Officers and local points of contact for this Agreement. Notices to be given herein shall be made in writing and may be given by delivering the same in person or to their successor by mail or by fax. Notices shall be effective only if and when received at the address of the party to be notified (or their appointees).

For the Corps: Ms. Marjorie Blaine
Senior Project Manager
U.S. Army Corps of Engineers
Tucson Project Office, Regulatory Branch
5205 E. Comanche Street
Tucson, AZ 85707

For the County: Mr. Gene Fisher
Chairman of the Board
La Paz County Board of Supervisors
1108 Joshua
Parker, AZ 85344

For the FWS: Dr. Chuck Minckley
U.S. Fish and Wildlife Service
Arizona Fishery Resources Office
60911 Hwy. 95
Parker, AZ 85344

Acceptance of the terms of this Agreement as outlined herein is indicated by signing three originals of this letter. This Agreement shall not be in effect until signed by all parties and is effective upon the date of signing by the Corps (the last signatory date).

La Paz County

By:

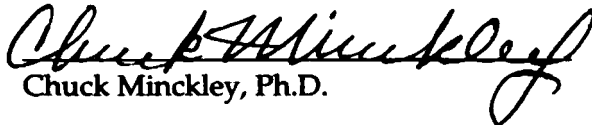

Gene Fisher

Chairman, La Paz County Board of Supervisors

11/21/05

U.S. Fish and Wildlife Service

By:



Chuck Minckley, Ph.D.

Title: Manager, Parker Fishery Resource Office

Date

11-28-05

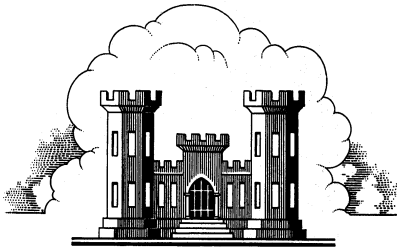
U.S. Army Corps of Engineers, Los Angeles District


David J. Castanon

Chief, Regulatory Branch

Date:

12-5-05



COLORADO RIVER GUIDELINES

U.S. ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT

The U. S. Army Corps of Engineers regulates the discharge of dredged and/or fill material (concrete, riprap, soil, cement block, gravel, sand, etc.) into waters of the U. S. including adjacent wetlands under Section 404 of the Clean Water Act and work and/or structures in or affecting (above, over, under) a navigable water of the U. S. (e.g. the Colorado River, it's impoundments, sloughs, backwaters, old channels, oxbows, etc.) under Section 10 of the River and Harbor Act of 1899. Increased development along the Colorado River has resulted in increased impacts to the aquatic ecosystem. Therefore, in an effort to minimize the cumulative effects of shoreline development, the Corps, in coordination with other Federal and State resource agencies, has developed the following general guidelines for your use in planning your shoreline project(s). Specific permits issued for the listed activities may contain special conditions; if a nationwide permit is applicable, the general conditions and any added special conditions are also applicable. Proposed projects that meet the guidelines may be authorized under a Nationwide Permit (NWP) or Letter of Permission (LOP) (expedited processing). Those that do not meet the guidelines will be processed under an individual permit.

In order to maintain native shorelines currently undeveloped or minimally developed, the Corps typically limits shoreline developments within subdivisions to a community dock and/or community ramp and not allow individual shoreline projects below the ordinary high water mark (OHWM). The Corps can advise you if your area falls within the limited development reaches of the river but typically these areas include downstream of Topock to Parker Dam and downstream of Headgate Rock Dam with the exception of Big River and some Colorado River Indian Tribes (CRIT) leased concessions. **Please be advised the Corps has an issued Policy Guidance precluding the removal of Bureau of Reclamation (BoR) riprap below the OHWM. Removal of BoR riprap above the OHWM requires written approval from the BoR. Please contact Mr. John Nickell at (928)343-8163.**

The types of activities requiring permits from the Corps include but are not limited to docks, fishing piers, swimming platforms, ramps, retaining walls, beach creation/enhancement, excavation/dredging, buoy placement, cantilevered decks, boat/jet ski lifts, and generally any activity which occurs below or breaches the plane of the OHWM. Specific guidelines for categories of work are addressed below.

BOAT DOCKS/SWIMMING PLATFORMS/BOAT LIFTS

1. Only one dock per owner/lessee for contiguous lots will be considered. Most docks/platforms should be floating but may be anchored by driven (hydraulic or pneumatic) pilings. Stationary docks may be authorized depending on location; piers to support the dock shall be driven (hydraulic or pneumatic) pilings. Permits will be issued to the owner of the lot only. Structures must be placed attached to the owner's property and cannot deny access to adjacent owners' riverfront. Docks and gangways (catwalks) may not be attached to existing Bureau of Reclamation or other previously authorized (by the Corps) jetties.
2. Docks in Arizona must be approved by the Arizona State Land Department at (602)542-2680 if any portion of the dock including pilings attaches to State Land.

LAST REVISED January 25, 2010

3. There is a \$500 mitigation fee for new boat docks. A cashier's check or money order (no personal checks) made payable to the "La Paz County Endangered Species Fund 290" should be submitted with the application to the Corps.
4. No exposed styrofoam on docks/platforms will be authorized.
5. Docks may not extend out into the river further than 25' from the OHWM or a retaining wall, whichever is less. Swimming platforms must be within 10' of the shoreline. Both structures must have a 5' setback from the upstream and downstream property lines.
6. Cantilevered decks/docks may not exceed 50' in length or the length of the property *whichever is less* and 5' in width.
7. Docks/platforms which have not previously been permitted but need to be replaced must first be authorized. Previously permitted docks may be replaced in kind (same configuration, size, locations, etc.) but require written notification to the Corps prior to replacement.
8. Slips, unless part of a community dock or authorized marina, are not eligible to be authorized under a NWP/LOP. Only single arm docks (approximately 20' parallel to the river and 8-10' w) with a gangway/catwalk are permissible. On currently existing, previously authorized slips with authorized boat lifts or covers, boat lifts must be fully contained within the slip and may not extend out past any portion of it. This also applies to any covers over docks or slips.
9. Jet ski docks and boat lifts shall not be authorized by NWP/LOP with the exception of boat lifts which have been previously authorized as part of an existing, previously authorized slip (refer to #6 above).
10. Boat docks and boat ramps at the same property shall no longer be authorized by a NWP/LOP unless there is an extenuating circumstance (i.e. no community launching facility within several miles of the property); otherwise, the property owner shall determine if it is more advantageous to have a dock or a ramp.

FISHING PIERS

1. Fishing piers may be stationary but must be pile-driven supported with no discharge of concrete for footing.
2. If floating, fishing piers may not contain exposed styrofoam.

RAMPS

1. Individual, personal ramps cannot be wider than 20' including the site preparation required for the ramp. In accordance with Section 401 certification conditions for the nationwide permit for boat ramps, the Arizona Department of Environmental Quality requires ramps to be precast and moved into place.
2. Individual ramps are discouraged in locations where a local community ramp is available and easily accessed.
3. A ramp and dock on the same lot will no longer be authorized in locations where community ramps are easily accessed.
4. There is a \$500 mitigation fee for boat ramps. A cashier's check or money order (no personal checks) made payable to the "La Paz County Endangered Species Fund 290" should be submitted with the application to the Corps.

RETAINING WALLS

1. Footing for retaining walls should be poured at the OHWM and the front of the wall (including decks) should not extend out past the OHWM. Walls which are constructed below the OHWM in Arizona, must obtain a license to encroach on State lands from the Arizona State Land Department (602)542-2680.
2. Material excavated for the footing of a retaining wall must be stockpiled on the land side of the wall, **not** the river side.

3. Retaining walls at the OHWM will only be authorized in areas where erosion of the shoreline is occurring. Retaining walls used only for aesthetic or recreational purposes shall be constructed above the OHWM.

For work on private, not Tribal lands, Section 401 water quality certification must first be obtained from the Arizona Department of Environmental Quality (ADEQ) or the California Regional Water Quality Control Board (CRWQCB). Points of contact are listed under “General Guidelines” below.

BEACH CREATION/ENHANCEMENT

1. The excavation of native shorelines to create a beach may not exceed 10 cubic yards below the OHWM and shall not occur on Bureau of Reclamation armored banklines (see #3 below)
2. The discharge of sand for beach creation or enhancement may not occur below the OHWM.
3. Riprap placed by the Bureau of Reclamation may not be removed above the OHWM for beach creation/enhancement without prior approval from the Bureau. **Except in extenuating circumstances, the removal of Bureau riprap below the OHWM will not be authorized in accordance with the Los Angeles District’s Policy Guidance on Removal of Armored Banklines.** See paragraph two on page 1 for the Bureau’s point of contact.

JETTIES

1. In general, unless a significant safety issue exists, the Corps will not authorize the construction of jetties at private residences due to the cumulative impacts caused by these structures including the resultant change to river flows, accumulation of sediments, and navigation hazards.
2. It is illegal to change any jetty constructed by the Bureau of Reclamation without prior authorization from the Corps and the Bureau. Unauthorized activities include adding rock, gunite, cement block; changing the size, configuration, or location of a jetty; or removal of a jetty in part or whole.

EXCAVATION/DREDGING

1. Excavation/dredging below the OHWM may not exceed 10 cubic yards for individual landowners. A permit must be issued by the Corps prior to the activity.
2. All excavated/dredged material must be immediately disposed of at an upland disposal site and may not be discharged into the river.

BUOYS

1. “No-wake” or speed limit buoys must be U.S. Coast Guard-approved type installed in accordance with Coast Guard and Arizona Game and Fish Department regulations in addition to Corps regulations.
2. Individual balloon or other type mooring buoys may not be permanently installed and must be removed when not being used to prevent navigation hazards.

CANTILEVERED DECKS, STAIRS, ETC.

1. These activities are regulated by the Corps and shall not be a navigation hazard. Therefore, decks shall not extend out past the OHWM more than 5’ and shall not exceed 50’ in length or the length of the lot *whichever is less*; stairs should end at the OHWM.

GENERAL GUIDELINES FOR ALL ACTIVITIES

1. All permits must be obtained prior to the onset of the activity. Please allow 4-6 weeks to obtain a permit. Most permits issued by the Corps do not have fees; however, there is a \$500 mitigation fee for new boat docks and boat ramps.
2. Disturbance to native vegetation must be minimized; cattails and/or other wetland vegetation shall not be removed.

3. Mechanized equipment (rubber-tired or tracked vehicles) should not be positioned below the OHWM. The equipment should be staged above the OHWM and then reach down and work back towards the land.
4. Work may not occur in the wetted perimeter of the river with the exception of installation of floating structures. For other projects such as ramps, retaining walls, beaches, etc., the area must be naturally dewatered in order for the work to occur and should stop if water levels rise into the project area.
5. All projects on Tribal lands must be approved by the appropriate Tribe. The points of contact are:
 - Colorado River Indian Tribes: Mr. Grant Buma, (928) 669-1313
 - Chemehuevi Indian Tribe: Environmental Office (760) 858-1140
 - Fort Mojave Indian Tribe: Mr. John Algots, (928) 346-1606
 - Quechan Indian Tribe: Ms. Arlene Kingery (760) 572-2969
 - Cocopah Indian Tribe: Mr. John Swenson, (928) 627-3729, ext. 16
6. Some categories of work may require Section 401 water quality certification from one or more of the following three agencies:
 - Arizona: ADEQ, Mr. Bob Scalamera (602) 771-4502
 - California: CRWQCB, Mr. Jay Mirpour (760) 776-8981
 - Tribal Lands: U. S. Environmental Protection Agency, Ms. Elizabeth Goldmann (415) 972-3398
7. Seawalls, boat ramps, or other structures or fill which occur at or below the ordinary high water mark of the Colorado River on the Arizona side may require a "license to encroach" on State land. The point of contact to determine if this is required at a specific property is: Arizona State Land Department, Mr. Ott Chatupron (602)542-2683.

Questions may be addressed to or permit applications obtained from the Colorado River Senior Project Manager, Mr. Bill Miller at (602) 640-5385 x 221. Completed applications may be submitted to Mr. Miller at:

U. S. Army Corps of Engineers
ATTN: Mr. Bill Miller, Regulatory Division
3636 N. Central Avenue, Suite 900
Phoenix, Arizona 85012

Potential penalties for violation of Section 404 may include a maximum criminal fine of \$50,000 per day and imprisonment for up to three years and a maximum civil penalty of \$25,000 per day of violation and for Section 10 a maximum criminal penalty \$2,500 per day of violation and up to one year imprisonment.

The Corps may also require complete restoration of a site.

The Corps hopes these guidelines will assist you. Please note they may not be comprehensive for all situations and are subject to change. We appreciate your interest in our Nation's water resources and your participation in the regulatory program of the U. S. Army Corps of Engineers, Los Angeles District.

DEPARTMENT OF THE ARMY
Los Angeles District, Corps of Engineers
P.O. Box 532711
CESPL-CO-R Los Angeles, California 90053-2325

OFFICE MEMORANDUM
NUMBER 415-1-6

30 October 2000

Construction
POLICY STATEMENT ON REMOVAL OF COLORADO RIVER ARMORED
BANKLINES

1. Purpose. To establish policy within the Los Angeles District (SPL) regarding the removal of Bureau of Reclamation armored banklines on the Colorado River from Davis Dam to Morelos Dam.
2. Applicability. This applies to SPL elements responsible for Section 404 of the Clean Water Act and Section 10 of the River and Harbor Act of 1899 permit programs along the Colorado River from Davis Dam to Morelos Dam in Arizona and California.
3. Reference. 33 USC 1344 (Clean Water Act) and 33 USC 403 (River and Harbor Act of 1899) and 33 CFR 320 et.seq.
4. Statement of Policy. The Bureau of Reclamation, as the agency charged with river operations and maintenance, has placed riprap in several locations along the banklines of the river to reduce the potential for scour and to prevent flood damage. Unauthorized removal of Bureau of Reclamation armored (rock riprapped) banklines below the ordinary high water mark (OHWM) of the Colorado River often results in the accelerated erosion of the bankline. Proliferation of such activities causes unnecessary cumulative adverse effects on the aquatic ecosystem and water quality due to the increased amount of sediment and turbidity in the river from eroding banklines. In addition, removal of the riprap may cause stormwater from above the OHWM to erode the exposed bankline and discharge sediment into the river thereby causing the deposition of sandbars which become navigational hazards. These sandbars require removal by the Bureau of Reclamation which increases impacts to the river, often to critical habitat of endangered fish, and causes additional expenditures of Federal tax dollars. Removal of the armor may also cause undermining of the overall structure and compromise its integrity upstream and downstream of the affected area as well as change river hydrology. This change may affect banklines across the river from the affected area causing increased erosion and particularly compromising any natural banklines.

CESPL OM 415-1-6
30 Oct 00

5. Based on these cumulative impacts to the aquatic ecosystem, in most circumstances, applications to remove riprap placed by the Bureau of Reclamation below the ordinary high water mark will not be authorized by the Corps.

6. The Corps recognizes there may be extenuating circumstances which require removal of the armor. In such cases, permit authorization shall be considered upon receipt of a complete application. While the amount of material to be removed or discharged may comply with a Nationwide permit, the District Engineer may exert discretionary authority to process the application as an individual permit based on direct, indirect, and cumulative impacts. The applicant must provide alternative stabilization of any exposed banklines. Prior to the Corps authorizing any exception to this policy statement, the applicant must obtain written approval from the Bureau of Reclamation, Yuma Area Office, on removal of the armor and alternative method of stabilization.

7. Section 404 of the Clean Water Act (33 USC 1344) prohibits any discharge of dredged and/or fill material into a water of the U.S., including wetlands, without authorization in the form of a Department of the Army (DA) permit. Section 10 of the River and Harbor Act of 1899 (33 USC 403) prohibits any work or structures in or affecting a navigable water of the U.S., such as the Colorado River, without authorization in the form of a DA permit.

NOTE: THIS STATEMENT OF POLICY AND THE GUIDANCE IT CONTAINS DOES NOT REPRESENT NOR CONSTITUTE A PERMIT DECISION BY THE LOS ANGELES DISTRICT. EACH PERMIT APPLICATION SHALL BE JUDGED INDIVIDUALLY ON ITS OWN MERITS, WITH APPROPRIATE CONSIDERATION GIVEN TO THIS GUIDANCE. THIS POLICY DOES NOT OBVIATE THE NEED TO OBTAIN OTHER FEDERAL, STATE, OR LOCAL PERMITS OR COMPLY WITH APPLICABLE SAFETY REGULATIONS.

FOR THE COMMANDER:

CHARLES V. LANDRY
LTC, EN
Deputy Commander

DISTRIBUTION:

A, D, X

Plus: 1 cy to CESPL-OC

28 cys to CESPL-CO-R

THE LA PAZ COUNTY ENDANGERED SPECIES FUND,
A SUMMARY OF FUNDS RECEIVED, EXPENDITURES,
AND PROJECT DESCRIPTIONS – 2010.

The La Paz County Endangered Species Fund is designed to support the creation, enhancement, or restoration of habitat for Lower Colorado River endangered fishes or any activity directly related to the spawning, grow-out, reintroduction, or general benefit of the same species within the geographic area of the Los Angeles District on the Colorado River (Hoover Dam to the Southern International Border with Mexico). It is an agreement entered into by the U.S. Army Corps of Engineers (Corps), La Paz County, and the U. S. Fish and Wildlife Service, Arizona Fishery Resources Office (AZFRO). This report presents brief descriptions of the activities conducted in 2009 and summaries the amount of funds received and expenditures.

Table1. Summary of Funds Received and Expenditures 2009

[illegible]

Interest earned ()

Project Summaries:

Expenditure No. FY10-2: \$237.00

The funds were used to purchase replacement timers for solar aerator and repair kits that are used on off channel habitats for endangered fish of the Colorado River.

Expenditure No FY10-03: \$884.62

These funds were used to purchase outreach material that will be used for educating the public about endangered fish of the Colorado River.

Expenditure No FY10-08: \$8,207.45

These funds were used to purchase recording and tracking equipment for endangered fish.

Expenditure No. FY10-9: \$3,321.50

The funds were used to purchase Pit tag reader/scanner for tracking endangered fish of the Colorado River.

Submitted by M.S. Throson, Fisheries Biologist, Arizona Fish & Wildlife Conservation Office; Parker, AZ., 13 December 2010.

THE LA PAZ COUNTY ENDANGERED SPECIES FUND,
A SUMMARY OF FUNDS RECEIVED, EXPENDITURES,
AND PROJECT DESCRIPTIONS – 2009.

The La Paz County Endangered Species Fund is designed to support the creation, enhancement, or restoration of habitat for Lower Colorado River endangered fishes or any activity directly related to the spawning, grow-out, reintroduction, or general benefit of the same species within the geographic area of the Los Angeles District on the Colorado River (Hoover Dam to the Southern International Border with Mexico). It is an agreement entered into by the U.S. Army Corps of Engineers (Corps), La Paz County, and the U. S. Fish and Wildlife Service, Arizona Fishery Resources Office (AZFRO). This report presents brief descriptions of the activities conducted in 2009 and summaries the amount of funds received and expenditures.

Table1. Summary of Funds Received and Expenditures 2009

Entry Date	Invoice Number	Debit	Credit	Balance
30-Sep-08		0	\$0.00	56,408.69
03-Oct-08		0.00	(53.01)	56,461.70
04-Nov-08		0.00	(87.08)	56,548.78
01-Dec-08	FY09-1	2,650.95	0.00	53,897.83
07-Dec-08	FY09-2	0.00	(250.00)	54,147.83
07-Dec-08		0.00	(39.07)	54,186.90
31-Jan-09	FY09-3	0.00	(250.00)	54,436.90
31-Jan-09		0.00	(6.10)	54,443.00
02-Feb-09	FY09-4	0.00	(250.00)	54,693.00
02-Feb-09		0.00	(29.68)	54,722.68
01-Mar-09		0.00	(4.63)	54,727.31
27-Mar-09	FY09-5	5,527.65	0.00	49,199.66
27-Mar-09	FY09-6	687.80	0.00	48,511.86
30-Apr-09		0.00	(5.64)	48,517.50
01-May-09		0.00	(0.93)	48,518.43
30-Jun-09	FY09-7	0.00	(250.00)	48,768.43
30-Jun-09		0.00	(5.04)	48,773.47
03-Jul-09	FY09-8	0.00	(250.00)	49,023.47
03-Jul-09	FY09-9	0.00	(15,000.00)	64,023.47
03-Jul-09		0.00	(0.28)	64,023.75
02-Aug-09		0.00	(20.33)	64,044.08
02-Aug-09		0.00	(5.29)	64,049.37
28-Aug-09	FY09-10	1,056.72	0.00	62,992.65
28-Aug-09	FY09-11	1,056.72	0.00	61,935.93
02-Sep-09		0.00	(2.15)	61,938.08

Interest earned ()

Project Summaries:

Expenditure No. FY09-1: \$2,650.95

The funds were used to purchase fish feeders that will be used to improve native fish growth and conditions in off channel habitats.

Expenditure No FY09-05: \$5527.65

These funds were used to purchase trammel nets of larger size. We use these nets to crop off the larger size native fish that can be stocked on or near spawning areas along the Colorado River.

Expenditure No FY09-06: \$687.80

These funds were used to purchase pen nets that will be used to hold and acclimate native fish prior to releases into the Colorado River.

Expenditure No. FY09-10,11: \$\$ 2,113.44

The funds were used to purchase 3" to 6" river rock that will be used for spawning habitat on backwaters. By creating such an area we are working toward our goal of self sustaining populations for native fish of the Colorado River.

Submitted by M.S. Throson, Fisheries Biologist, Arizona Fish & Wildlife Conservation Office; Parker, AZ., 19 October 2009.