



United States Department of the Interior



BUREAU OF RECLAMATION
Boulder Canyon Operations Office
P.O. Box 61470
Boulder City, NV 89006-1470

IN REPLY REFER TO:

BCOO-4230
WTR-4.03

DEC 15 2006

CERTIFIED – RETURN RECEIPT REQUESTED

Mr. Charles J. Hosken
General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251

Subject: Colorado River Water Delivery Agreement (CRWDA), Exhibit C Payback for 2005

Dear Mr. Hosken:

In 2004, the Bureau of Reclamation instituted a process to implement the Inadvertent Overrun and Payback Policy (IOPP). This implementation process specifically addresses the payback requirements contained in Exhibit C of the Colorado River Water Delivery Agreement, signed October 10, 2003. Exhibit C is a payback schedule for overruns incurred in calendar years 2001 and 2002.

In accordance with the IOPP, the Imperial Irrigation District (IID) prepared an extraordinary water conservation plan that detailed a fallowing program to pay back 26,205 acre-feet of IID's 2001-2002 overrun during calendar year 2005. The Inadvertent Overrun and Payback Technical Committee (IOPTC) reviewed the plan and recommended its adequacy to Reclamation on September 14, 2006.

The IOPP obligates Reclamation to monitor the implementation of the extraordinary conservation measures contained in payback plans. The IOPTC recommended that Reclamation spot check five percent of the fallowed acres to validate that the measures were applied according to the 2005 IID Extraordinary Conservation Plan and its modification. Validation included confirming that the fallowed areas have a history of recent irrigation, verifying that the delivery gates were locked, and verifying that Colorado River water is not being nor has been applied to the fields during the fallowing period.

Of the 12,126.5 acres fallowed in the spring and 11,676.2 acres fallowed in the fall, 10 fields totaling approximately 1,202 acres were randomly selected to verify the implementation of the conservation measures.

Enclosed for your information are the reports that validate the implementation of the planned water conservation measures. Reclamation accredits 23,797 acre-feet for the extraordinary conservation plan and 5,369 acre-feet for the capture and storage of Colorado River "Re-regulation" water. Reclamation's system loss methodology was used to determine the 2005 payback plan yield.

If you have questions, please contact Mr. Steve Jones at 702-293-8186.

Sincerely,



Jayne Harkins, P.E.
Acting Regional Director

Enclosure

cc: Mr. Gerald Zimmerman
Executive Director
Colorado River Board of California
770 Fairmont Avenue, Suite 100
Glendale, CA 91203-1035

Mr. Herb R. Guenther
Director
Arizona Department of Water Resources
3550 North Central Avenue
Phoenix, AZ 85012

Mr. James H. Davenport
Chief, Water Division
Colorado River Commission of
Nevada
555 E. Washington Avenue, Suite 3100
Las Vegas, NV 89101
(w/cy encl to ea)

IID Fallowing Program Verification

Spring 2005

Five percent of the acreage in the IID fallowing program was checked in the verification program. See IID Payback Plan for detailed information on the program. Program verification notes are attached as A: Fallowed Field Verification.

Extraordinary conservation implementation is confirmed unconfirmed

David B. Chubb 08/15/05
Signed Date

Observation: Green growth was viewed on some fields, which was attributed to the drafting of groundwater or localized rainfall (thunderstorms). IID staff indicated that Fallowing Program participants, in accordance with environmental mitigation requirements for potential air quality impacts, were required to implement dust control Best Management Practices (BMPs) when necessary. These BMPs include (but are not limited to) leaving vegetation residue on the field or seeding a cover crop prior to the fallowing start date.

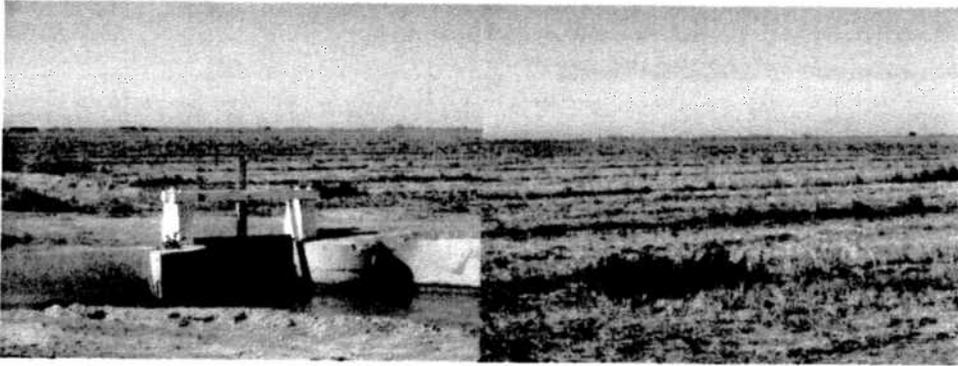
A: Fallowed Field Verification



Fallowing Program (FP) No. 117 Canal: South Alamo; Gate No. 72; 79.6 Acres;
Contract Price: \$23,402

Comments: Photo Nos. 1 and 2, April 6, 2005; No Crop (Idle-Alfalfa Volunteers);
Reconfigured Delivery Canal due to Freeway Construction; Soils: Sandy
Loam; Water use history checked from IID records;

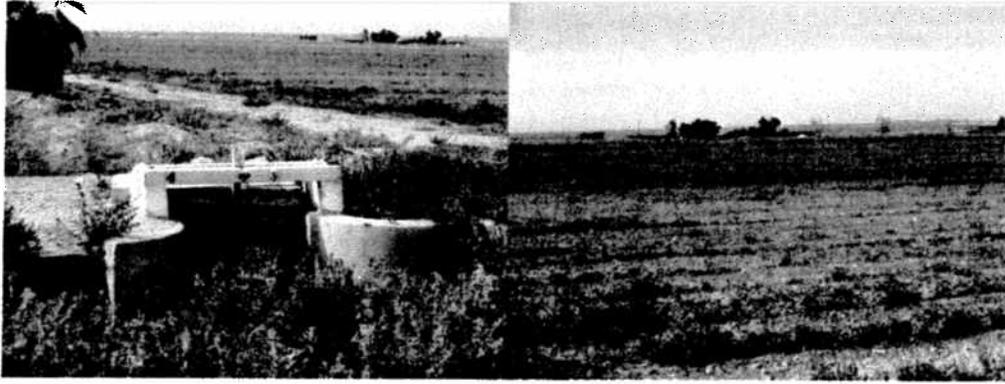
Planned crops: Summer 2004: Alfalfa; Fall 2004: Alfalfa; Winter 2004: Alfalfa; Spring
2005: Alfalfa; Summer 2005: Alfalfa



FP No. 94; Canal: Oxalis; Gate No. 9; 158.8 Acres; Contract price: \$44,782
Comments: Photo Nos. 3 and 4, April 6, 2005; No Crop (Idle); Pin Lock through Gate
Cap; Soils: Clay; Water use history checked from IID records;
Planned crops: Summer 2004: Sugar Beets; Fall 2004: Sugar Beets; Winter 2004: Sugar
Beets; Spring 2005: Sugar Beets; Summer 2005: Sugar Beets



FP No. 64; Canal: S; Gate 14; 147.8 Acres; Contract price: \$36,359
Comments: Photo Nos. 5 and 6, April 6, 2005; No Crop (Idle); Pin Lock through Gate
Cap; Soils: Silty Clay; Water use history checked from IID records;
Planned crops: Summer 2004: Bermuda Grass; Fall 2004: None; Winter 2004: Oats;
Spring 2005: None; Summer 2005: Sudan Grass



FP No. 54; Canal: Z; Gate No. 4; 67.4 Acres; Contract price: \$10,110
Comments: Photo Nos. 7 and 8, April 6, 2005; No (Idle-Alfalfa); Pin Lock through Gate
Cap; Soils: Sandy and Rocky; Water use history checked from IID records;
Planned crops: Summer 2004: None; Fall 2004: Melons; Winter 2004: None; Spring
2005: Melons; Summer 2005: None



FP No. 12; Canal: Wisteria; Gate 15; 155.7 Acres; Contract price: \$42,973
Comments: Photo Nos. 9 and 10, April 6, 2005; No; Soils: Clay; Water use history
checked from IID records;
Planned crops: Summer 2004: Bermuda Grass; Fall 2004: Bermuda Grass; Winter 2004:
Bermuda Grass; Spring 2005: Bermuda Grass; Summer 2005: Bermuda
Grass

IID Fallowing Program Verification

Fall 2005

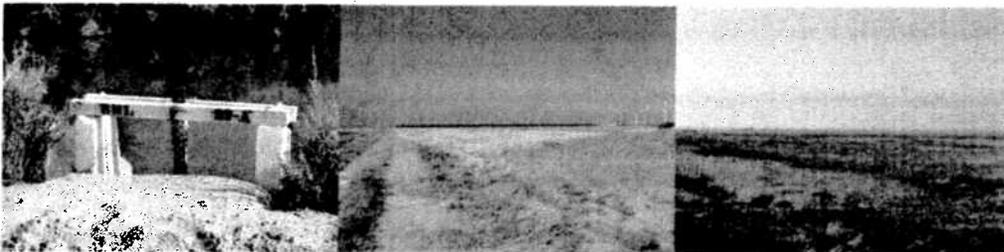
Five percent of the acreage in the IID fallowing program was checked in the verification program. See IID Payback Plan for detailed information on the program. Program verification notes are attached as A: Fallowed Field Verification.

Extraordinary conservation implementation is confirmed unconfirmed

David B. Chitt 01/12/06
Signed Date

Observation: Green growth was viewed on some fields, which was attributed to the drafting of groundwater or localized rainfall (thunderstorms). IID staff indicated that Fallowing Program participants, in accordance with environmental mitigation requirements for potential air quality impacts, were required to implement dust control Best Management Practices (BMPs) when necessary. These BMPs include (but are not limited to) leaving vegetation residue on the field or seeding a cover crop prior to the fallowing start date.

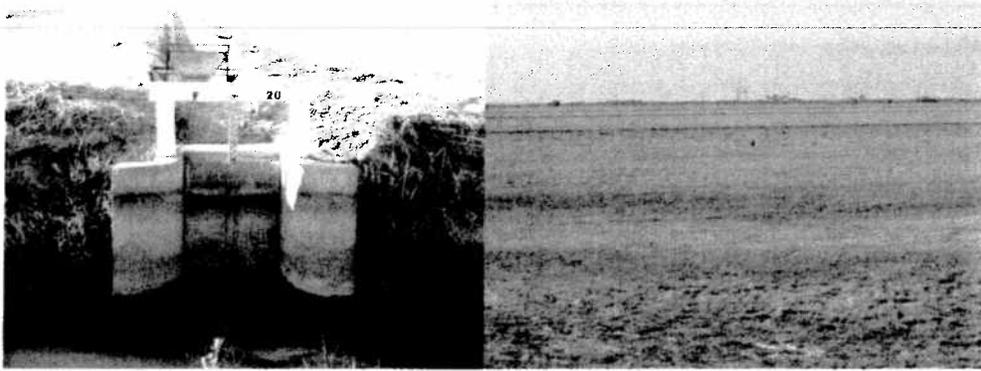
A: Fallowed Field Verification



Fallowing Program (FP) No. 12 Canal: East Highline; Gate No. 27A; 94.0 Acres;
Contract Price: \$564

Comments: Photo Nos. 1, 2 and 3, October 26, 2005; Wheat (Idle-Senescent Wheat); Pin Lock through Gate Cap; Soils: Sandy Loam; Water use history checked from IID records;

Planned crops: Summer 2005: Idle; Fall 2005: Idle; Winter 2005: Wheat; Spring 2006: Wheat; Summer 2006: Idle



FP No. 24; Canal: F; Gate No. 20; 144.6 Acres; Contract price: \$30,366

Comments: Photo Nos. 4 and 5, October 26, 2005; Bermuda Grass (Idle); Pin Lock through Gate Cap; Soils: Silty Clay; Water use history checked from IID records;

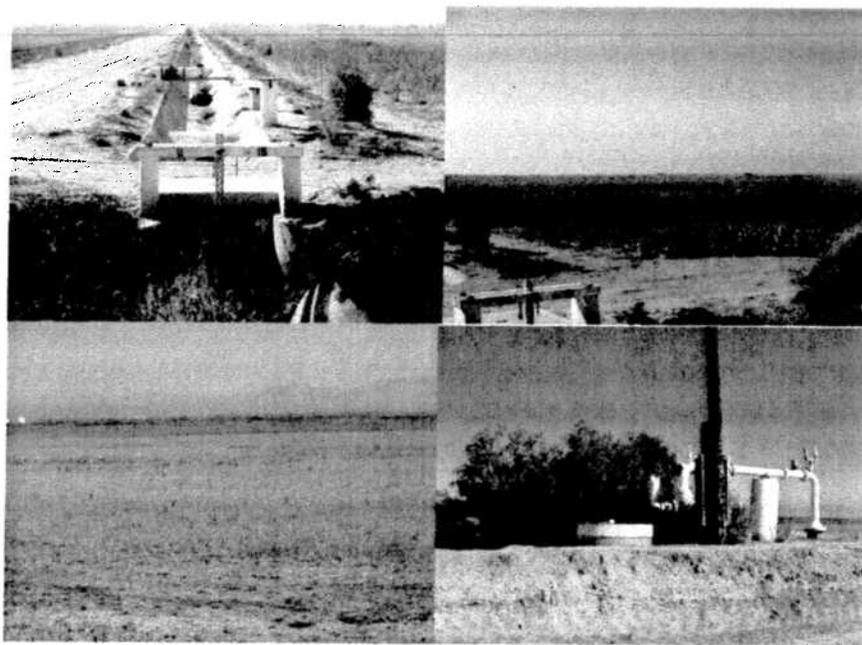
Planned crops: Summer 2005: Bermuda Grass; Fall 2005: Bermuda Grass; Winter 2005: Bermuda Grass; Spring 2006: Bermuda Grass; Summer 2006: Bermuda Grass



FP No. 36; Canal: G; Gate 22; 142.1 Acres; Contract price: \$25,578

Comments: Photo Nos. 6 and 7, October 26, 2005; Bermuda Grass (Idle); Pin Lock through Gate Cap; Soils: Silty Clay; Water use history checked from IID records;

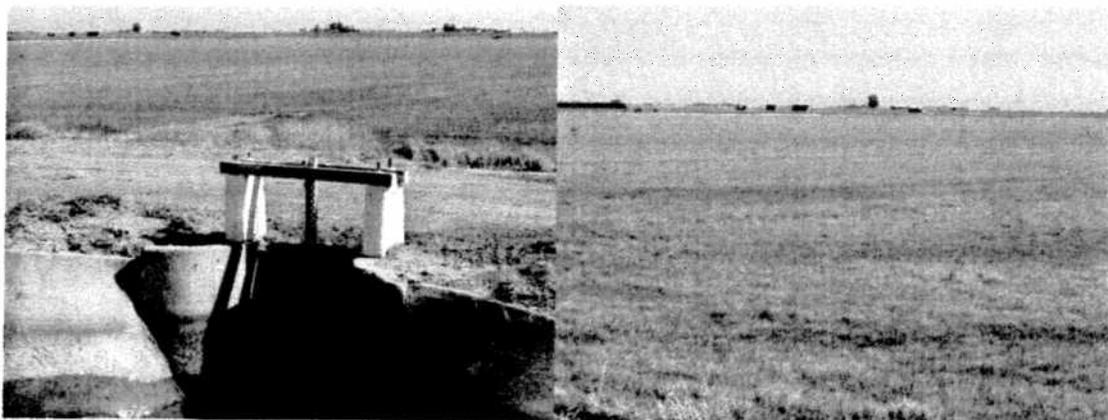
Planned crops: Summer 2005: Bermuda Grass; Fall 2005: Bermuda Grass; Winter 2005: Bermuda Grass; Spring 2006: Bermuda Grass; Summer 2006: Bermuda Grass



FP No. 81; Canal: Q; Gate No. 15; 87.0 Acres; Contract price: \$26,622

Comments: Photo Nos. 8, 9 10 and 11, October 26, 2005; Sudan Grass (Idle); Pin Lock through Gate Cap; Soils: Sandy Loam; Water use history checked from IID records;

Planned crops: Summer 2005: Alfalfa; Fall 2005: Alfalfa; Winter 2005: Alfalfa; Spring 2006: Alfalfa; Summer 2006: Alfalfa



FP No. 100; Canal: Woodbine 2; Gate 5F; 124.9 Acres; Contract price: \$29,976

Comments: Photo Nos. 12 and 13, October 26, 2005; Bermuda Grass (Idle); Pin Lock through Gate Cap; Soils: Sandy Loam; Water use history checked from IID records;

Planned crops: Summer 2005: Bermuda Grass; Fall 2005: Bermuda Grass; Winter 2005: Bermuda Grass; Spring 2006: Bermuda Grass; Summer 2006: Bermuda Grass

IOP TECHNICAL COMMITTEE RECOMMENDATION

DISTRICT: IID
DATE: 9/14/06

EXTRAORDINARY WATER CONSERVATION PLAN

Year: 2005
Modification Number: 3 (REPLACE #2)
Identified Measure: LAND FOLLOWING
Water Conservation Potential: 7,305 AF
Procedure to Verify: CHECKED LOCKED GATES, 5% SPOT CHECK
Issue: SYSTEM LOSSES
REASON IS 22 AF OF NON COMPLIANCE FARMERS

ARIZONA REP. - RECOMMEND: Ken B...

CALIFORNIA REP. - RECOMMEND: Allen J...

NEVADA REP. - RECOMMEND: Mark...

RECLAMATION REP. - RECOMMEND: _____

WATER CONSERVATION POTENTIAL WITH
RECLAMATION LOSS METHOD IS 6,6~~75~~³⁴ AF
ISSUE RESOLVED

[Signature]

IOP TECHNICAL COMMITTEE
RECOMMENDATION

DISTRICT: IID

DATE: 9/12/2004

EXTRAORDINARY CONSERVATION PLAN:

Year: 2005

Modification number: 0

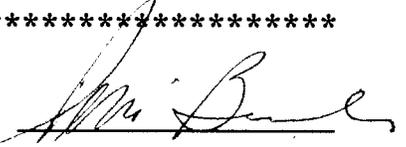
(-) LOSSES ISSUE

Identified measure: LAND FOLLOWING (3074 AC)

Water conservation potential: 12,900 AF

Procedure to verify: CHECK LOCKED GATES 33 EAST CHECK

ARIZONA REP. - RECOMMEND:



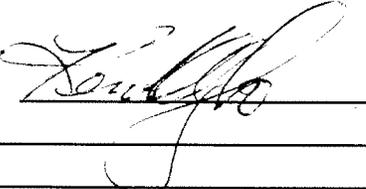
UNCLEAR: _____

CALIFORNIA REP. - RECOMMEND:



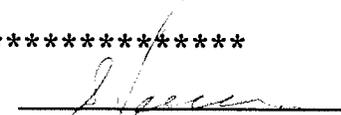
UNCLEAR: _____

NEVADA REP. - RECOMMEND:



UNCLEAR: _____

RECLAMATION REP. - RECOMMEND:



UNCLEAR: WATER CONSERVATION POTENTIAL WITH RECLAMATION LOSS METHOD IS 17162 AF.

