

IID/MWD WATER CONSERVATION AGMT – STATUS REPORT

WC Project

Completion Date	Water Conserved	IID Letter Dated
6/30/90	9137 AF	6/28/90
12/28/90	26,700 AF	12/14/90
6/28/91	32,848 AF	6/24/91
12/27/91	33,929 AF	12/17/91
6/30/92	36,309 AF	7/8/92
12/31/92	54,830 AF	12/18/92
6/30/93	58,950 AF	8/3/93
12/30/93	72,630 AF	12/16/93
6/30/94	74,130 AF	6/17/94
12/15/94	74,570 AF	1/4/95
6/13/95	74,570 AF	6/13/95
12/21/95	90,880 AF	12/22/95
7/30/96	90,880 AF	7/31/96
1/9/97	97,740 AF	1/13/97
8/21/97	97,740 AF	8/21/97
12/31/97	107,106 AF	6/1/98
12/31/98	108,500 AF	6/15/99

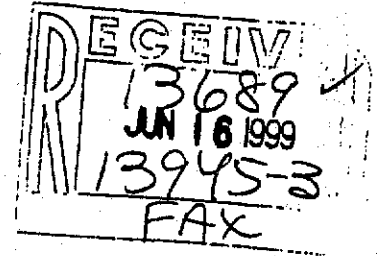


IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

June 15, 1999

Mr. Edward C. Anton, Chief
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000



Dear Mr. Anton:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a year-end progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed as of December 31, 1998, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,110 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	9,000 AF
"Z" (Galleano) Reservoir	4,470 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,250 AF
12-Hour Delivery	21,750 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	14,600 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	4,820 AF
Modified East Lowline (Mulberry - D) Interceptor	8,500 AF
Trifolium Lateral Interceptor	14,560 AF
Total Water Conserved	108,500 AF

Mr. Edward C. Anton

-2-

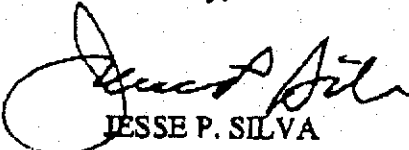
June 15, 1999

A comparison of the above to the data provided in our 1998 year-end report will show that the quantity of reported water conserved has increased by 1,340 AF. Individual amounts of conserved water for various individual projects may have changed from the amounts shown on the year-end report for 1997. This is due to the refinement/finalization of the verification/measuring methods used to determine the conserved water for the projects.

The construction period for all projects was extended as mentioned in the IID's letter dated June 1, 1998. All construction was completed as of September 30, 1998. The thirty-five (35) year operation and maintenance period commenced on October 1, 1998.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities while meeting water quality guidelines.

Sincerely,



JESSE P. SILVA
General Manager

MLK/ceb

cc: Mr. James M. Stubscher
IID Board of Directors
IID Legal Council
IID External Affairs Department
IID Water Department

wrbhd99.ltr



Peter M. Rooney
Secretary for
Environmental
Protection

State Water Resources Control Board

John P. Caffrey, Chairman



Pete Wilson
Governor

Division of Water Rights

901 I Street • Sacramento, California 95814 • (916) 657-1359 FAX (916) 657-1485
Mailing Address: P.O. Box 2000 • Sacramento, California • 95812-2000
Web Site Address: <http://www.swrcb.ca.gov>

JUNE 29 1998

In Reply Refer
to:341:SO:262.0:13-02

Mr. Michael Clinton
General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251

Dear Mr. Clinton:

IMPERIAL IRRIGATION DISTRICT

This is to acknowledge receipt of your June 1, 1998 letter which provided the year-end progress report for the Imperial Irrigation District's (District) water conservation program.

We appreciate your commitment to your water conservation goals and we will continue to work closely with your District.

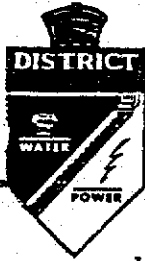
If you have any questions, please call me at (916) 657-1359.

Sincerely,

Edward C. Anton, Chief
Division of Water Rights

JUL 14 1998
13689
FAX

Copy - WD
LE



IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

June 1, 1998

Mr. Edward C. Anton, Chief
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000

JUN - 5 1998
13689
IID Mail

Dear Ed:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a year-end progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed as of December 31, 1997, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,470 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	6,650 AF
"Z" (Galleano) Reservoir	5,230 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,250 AF
12 Hour Delivery	22,290 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	13,490 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	5,180 AF
Modified East Lowline (Mulberry - D) Interceptor	8,460 AF
Trifolium Lateral Interceptor	14,700 AF
Total Water Conserved	107,160 AF

Mr. Edward C. Anton

-2-

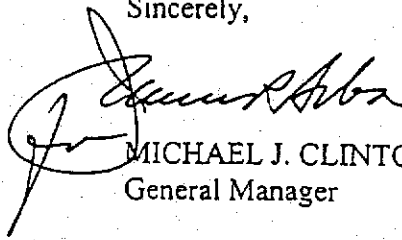
June 1, 1998

A comparison of the above to that data provided in our 1997 mid-year report will show that the quantity of reported water conserved has increased by 9,420 AF, due to final verification of various projects and the completion of the Trifolium Lateral Interceptor Project.

Mr. John R. Wodraska, MWD General Manager, and myself mutually agreed to extend the construction period beyond December 31, 1997, so that improvements could be completed to the Singh Reservoir. Improvements were necessary to enhance the effectiveness of the 12-hour delivery project. The Program Coordinating Committee granted the request for the extension of time. The construction of this pumping facility will not create any additional conserved water, but will enhance the ability of the system to capture 12-hour water. The completion and start-up date for this facility is expected to be September of this year.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities while meeting water quality guidelines.

Sincerely,



MICHAEL J. CLINTON
General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID External Affairs Department
IID Water Department

wtrbrd98.ltr



Cal/EPA

State Water Resources Control Board

Division of Water Rights



Pete Wilson Governor

In Reply Refer to: 341:50:262.0:13-02

OCTOBER 2 1997

Mailing Address: P.O. Box 2000 Sacramento, CA 95812-2000
901 F Street Sacramento, CA 95814
(916) 657-1359 FAX (916) 657-1485

Mr. Michael J. Clinton
General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251

cc: LE

Dear Mr. Clinton:

OCT 10 1997
13945-3
FAX

IMPERIAL IRRIGATION DISTRICT

This is to acknowledge receipt of your August 21, 1997 letter which provided your 1997 mid-year conservation program progress report.

Thank you for the updates to your water conservation projects that have been completed or partially completed as of August 21, 1997. We appreciate your commitment to your water conservation goals and we will continue to work closely with your District.

If you have any questions, please call me at (916) 657-1359.

Sincerely,

Edward C. Anton
for Edward C. Anton, Chief
Division of Water Rights

- 8 1997

WD [Signature]

10/6-03
cc: WD



Recycled Paper

Our mission is to preserve and enhance the quality of California's water resources, and ensure their proper allocation and efficient use for the benefit of present and future generations.



IMPERIAL IRRIGATION DISTRICT

WD-PM OPERATING HEADQUARTERS • P.O. BOX 937 IMPERIAL, CALIFORNIA 92251
August 21, 1997

Mr. Edward C. Anton, Chief
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, C 95812-2000

SEP - 9 1997

13945-3
IID Mail

Dear Mr. Anton: *EL*

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a mid-year progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of August 21, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,450 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	10,000 AF
"Z" (Galleano) Reservoir	5,010 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,250 AF
12 Hour Delivery	34,200 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	4,620 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	5,120 AF
Modified East Lowline (Mulberry - D) Interceptor	7,650 AF
Total Water Conserved	97,740 AF

A comparison of the above to that data provided in our 1996 year-end report will show that the quantity of reported water conserved has remained the same. Individual amounts

Mr. Edward C. Anton
August 21, 1997
Page 2

of conserved water for various individual projects may have changed from the amounts shown in 1996. This is due to refinement/finalization of the verification/measuring methods used to determine the conserved water for the projects.

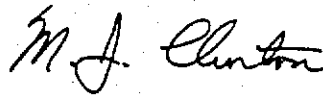
Construction, planning and design work on projects previously on hold due to the requirement of the additional EIR has resumed as follows:

Singh Reservoir Expansion - Design for this project has been implemented and is approximately 90% completed. This project was originally scheduled to be completed by November 1, 1997, but due to budgetary concerns construction is not scheduled to begin until December, 1997.

Trifolium Interceptor - Design for this project has been completed. This project was put out to bid on October 15, 1996. Bids were received on November 19, 1996. There were two contracts for this project (reservoir and pipeline). Contracts were awarded on December 23, 1996. Notice to Proceed was issued on January 13, 1997, with an expected completion date for construction on October 1, 1997. This project has experienced some minor delays which have not been fully analyzed. The project is now expected to be completed by the middle of November, 1997.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities while meeting water quality guidelines.

Sincerely,



MICHAEL J. CLINTON
General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Wali Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID External Affairs Office
IID Water Department

wtrbrd97.ltr



IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

January 13, 1997

Mr. Edward C. Anton, Chief
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, C 95812-2000

JAN 17 1997
13945-8
IID MAIL

Dear Mr. Anton:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a year-end progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of January 9, 1997, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,450 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	10,000 AF
"Z" (Galleano) Reservoir	4,960 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,250 AF
12 Hour Delivery	34,200 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	4,620 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	5,170 AF
Modified East Lowline (Mulberry - D) Interceptor	7,650 AF
Total Water Conserved	97,740 AF

A comparison of the above to that data provided in our 1996 mid-year report will show that the quantity of reported water conserved has increased by 6,860. Individual amounts

Mr. Edward C. Anton
January 13, 1997
Page 2

of conserved water for various individual projects may have changed from the amounts shown in 1996. This is due to refinement/finalization of the verification/measuring methods used to determine the conserved water for the projects.

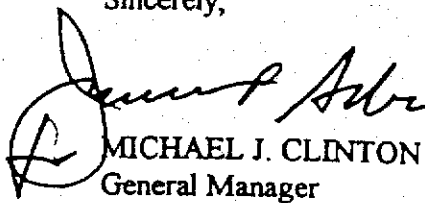
Construction, planning and design work on projects previously on hold due to the requirement of the additional EIR has resumed as follows:

Singh Reservoir Expansion - Design for this project has been implemented and is approximately 90% completed. This project is scheduled to be completed by November 1, 1997.

Trifolium Interceptor - Design for this project has been completed. This project was put out to bid on October 15, 1996. Bids were received on November 19, 1996. There were two contracts for this project (reservoir and pipeline). Contracts were awarded on December 23, 1996. Notice to Proceed is expected to be issued by mid-January, 1997 with an expected completion date for construction on October 1, 1997. This project is expected to be completed by October 1, 1997.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities while meeting water quality guidelines.

Sincerely,


MICHAEL J. CLINTON
General Manager

MLK/ceb
cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubbs
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID External Affairs Office
IID Water Department

wtrbrd97.ltr



IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251
WD-PM July 31, 1996

Mr. Edward C. Anton, Chief
Division of Water Rights
State Water Resources Control Board
P.O. Box 2000
Sacramento, C 95812-2000

RECEIVED
AUG 12 1996
13945-3
IID Mail

Dear Mr. Anton:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a mid-year progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of July 30, 1996, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,450 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	6,720 AF
"Z" (Galleano) Reservoir	4,960 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,250 AF
12 Hour Delivery	27,000 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	8,040 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	4,540 AF
Modified East Lowline (Mulberry - D) Interceptor	8,480 AF
Total Water Conserved	90,880 AF

A comparison of the above to that data provided in our 1995 year-end report will show that the quantity of reported water conserved has remained the same.

Mr. Edward C. Anton
July 31, 1996
Page 2

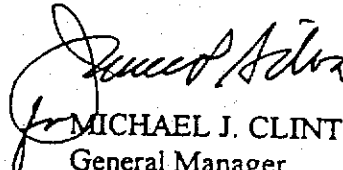
Construction, planning and design work on projects previously on hold due to the requirement of the additional EIR has resumed as follows:

Mulberry - D Interceptor - The interceptor canal construction work started in March 1995, and has now been completed. Construction began on the reservoir for the north and south interceptor canals on August 21, 1995. Construction was completed on December 15, 1995. Water was diverted into the reservoir on December 20, 1995. Construction of the Rockwood Reservoir, which is a part of this project began in May, 1996, with an expected completion date of October 31, 1996. This will complete all construction related to this project.

Trifolium Interceptor - Design for this project is still underway, due to unanticipated changes in the reservoir location and alignment revisions on the interceptor canal. Design is expected to be completed by the middle of August, 1996. Expected bid date for the project is now scheduled for October, 1995, with award of contract in November, 1996. The total project is scheduled for completion by August, 1997.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities while meeting water quality guidelines.

Sincerely,


MICHAEL J. CLINTON
General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID External Affairs Office
IID Water Department

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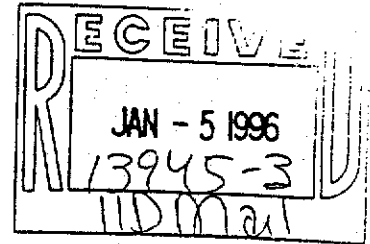


IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

December 22, 1995



Mr. Edward C. Anton, Chief
Division of Water Rights
State Water Resources Control Board
The Paul R. Bonderson Building
901 P Street
Sacramento, CA 95814

Dear Mr. Anton:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a year-end progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of December 21, 1995 and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,450 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	6,720 AF
"Z" (Galleano) Reservoir	4,960 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,250 AF
12 Hour Delivery	27,000 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	8,040 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	4,540 AF
Modified East Lowline (Mulberry - D) Interceptor	8,480 AF
Total Water Conserved	90,880 AF

A comparison of the above to that data provided in our 1995 mid-year report will show that the quantity of reported water conserved has increased by 16,310 A.F., due to final verification of various projects and the partial completion of the Modified East Lowline Project.

Mr. Edward C. Anton
December 22, 1995
Page 2


Construction, planning and design work on projects, previously on hold due to the requirement of the additional EIR, has resumed as follows:

Mulberry - D Interceptor - The interceptor canal construction work started in March 1995, and has now been completed. Construction began on the reservoir for the north and south interceptor canals on August 21, 1995. Construction was completed on December 15, 1995. Water was diverted into the reservoir on December 20, 1995. The design of the Rockwood Reservoir, which is a part of this project was delayed due to design changes and will be completed by mid-January, 1996. Construction will be scheduled to start in April, 1996, with completion in September, 1996.

Trifolium Interceptor - Design for this project is still underway, but is expected to be completed by the middle of January, 1996. Expected bid date for the project is scheduled for February, 1996, with award of contract in April. The total project is scheduled for completion by December 1, 1996.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities, while meeting the water quality guidelines.

Sincerely,


MICHAEL J. CLINTON
General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubhaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID External Affairs Office

wtrbrd.ltr

STATE WATER RESOURCES CONTROL BOARD

THE PAUL R. BONDERSON BUILDING
901 P STREET
SACRAMENTO, CA 95814

Mailing Address
DIVISION OF WATER RIGHTS
P.O. BOX 2000, Sacramento, CA 95812-2000

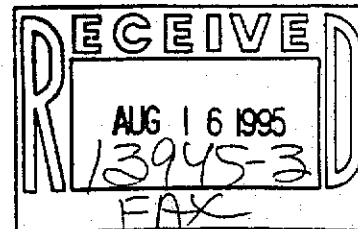


(916) 657-1359
FAX: 657-1485

AUG 2 1995

In Reply Refer
To: 341:SO:262.0:13-02

Mr. Michael J. Clinton
General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251



Dear Mr. Clinton:

IMPERIAL IRRIGATION DISTRICT'S WATER CONSERVATION AGREEMENT WITH
METROPOLITAN WATER DISTRICT, STATUS REPORT

This is to acknowledge receipt of your June 13, 1995 letter which provided your mid-year conservation program progress report. Mr. John Caffrey, Chairman of the State Water Resources Control Board, forwarded your letter to me for response.

Thank you for providing the update on the current status of your water conservation, water management, and seepage recovery projects and to inform us that projects held up due to the requirement of the additional environmental impact report are now underway.

We appreciate your commitment to water conservation and we will continue to work closely with your District. In the future, any conservation program progress reports may be directed to me for review. I will keep the Board informed of your progress as they are very interested in your progress.

Sincerely,

Edward C. Anton, Chief
Division of Water Rights

cc: Mr. Philip Gruenberg
Executive Officer
Regional Water Quality
Control Board
Colorado River Basin, Region 7
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

R 8/11/95 cc Board
WD
LE



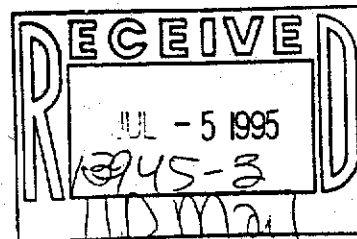
(619) 339-9477
FAX (619) 339-9392

IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

June 13, 1995



Mr. John Caffrey, Chairman
State Water Resources Control Board
901 P Street
Sacramento, CA 95814

Dear Mr. Caffrey:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a mid-year progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of June 13, 1995 and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,310 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	6,420 AF
"Z" (Galleano) Reservoir	3,490 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,150 AF
12 Hour Delivery	26,000 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	4,200 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	3,560 AF
Total Water Conserved	74,570 AF

A comparison of the above to that data provided in our 1994 year-end report will show that the quantity of reported water conserved has remained the same.

As stated in our last update to you on January 4, 1995, the Water Conservation Program was impacted by the Regional Water Quality Control Board's requirement for an additional environmental impact report (EIR), which has been completed, certified and filed with

Mr. John Caffrey
June 13, 1995
Page 2

the County of Imperial. The IID has requested and been granted by the Program Coordinating Committee an extension of time for the completion of the IID/MWD Water Conservation Agreement. The completion of the program is now scheduled for December 31, 1997.

Planning and design work has now been initiated on additional projects that were previously on hold due to the requirement of the EIR and work on projects continues as follows:


1. Twelve-Hour Delivery - This program continues to be a great success, with over 6,544, 12-hour deliveries being made through April of 1995.
2. Non-Leak Gates - The final two gates were installed in January of 1995.
3. Irrigation Water Management - One tailwater return system remains to be completed as of May 31, 1995. This system is scheduled to be completed in August, 1995.
4. System Automation - Money invested in this program continues to save water and improve the IID's ability to control water deliveries.
5. Mulberry - D Interceptor - The design work has been completed on the first portion of this project and construction on the interceptor started in March, 1995. The design for the Rockwood Reservoir, which is a part of this project, should be completed in August, 1995. The construction is scheduled to start in November, 1995 with completion in March, 1996.
6. Trifolium Interceptor - Design of the interceptor, which was delayed by the necessity of the additional EIR, had to be rescheduled. Design work was rescheduled and started in April, 1995. The design will be completed in December of 1995. When the design is completed the construction of the interceptor portion of the project will be scheduled for construction. The total project is scheduled for completion by the end of 1996.

We remain as committed as ever to our water conservation goals. As you are aware, there is still a significant opportunity for water conservation, however, water quality guidelines appear to limit future opportunities.

Mr. John Caffrey
June 13, 1995
Page 3

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities, while meeting the water quality guidelines.

Sincerely,



MICHAEL J. CLINTON
General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID Public Information Office

a:wtrbd695.ltr

STATE WATER RESOURCES CONTROL BOARD

THE PAUL R. BONDERSON BUILDING
301 P STREET
SACRAMENTO, CA 95814

Mailing Address
DIVISION OF WATER RIGHTS
P.O. BOX 2000, Sacramento, CA 95812-2000

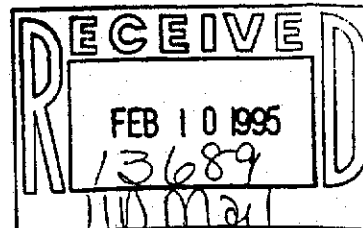


(916) 657-1359
FAX: (916) 657-1485

In Reply Refer
To: 341:SO:262.0:13-02

FEB 6 1995

Mr. Robert A. McCullough
Acting General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251



Dear Mr. McCullough:

IMPERIAL IRRIGATION DISTRICT

This is to acknowledge receipt of your January 4, 1995 letter which provided your 1994 year-end conservation program progress report.

Thank you for providing the current status of your water conservation, water management, and seepage recovery projects and to inform us that projects that had been held up due to the requirement of the additional environmental impact report are now scheduled to begin soon.

We appreciate your commitment to your water conservation goals and we will continue to work closely with your District. If you have any questions, please call me at (916) 657-1359.

Sincerely,

Edward C. Anton, Chief
Division of Water Rights

12 2/8/95
2/9
cc: WD
PTS
JPC

13445-3
13689



IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

January 4, 1995

Mr. John Caffrey, Chairman
State Water Resources Control Board
901 P Street
Sacramento, CA 95814

Dear Mr. Caffrey:

Subject: IID/MWD Water Conservation Agreement - Status Report

The purpose of this letter is to provide a year-end progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of December 15, 1994, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	4,310 AF
South Alamo Canal Lining, Phase 1	510 AF
Plum-Oasis Interceptor	6,420 AF
"Z" (Galleano) Reservoir	3,490 AF
South Alamo Canal Lining, Phase 2	900 AF
Lateral Canal Lining	24,150 AF
12 Hour Delivery	26,000 AF
Vail Supply Canal Lining	10 AF
Rositas Supply Canal Lining	130 AF
Non-Leak Gates	630 AF
System Automation	4,200 AF
Westside Main Canal Lining	260 AF
Additional Irrigation Water Management	3,560 AF
Total Water Conserved	74,570 AF

A comparison of the above to that data provided in our 1993 year-end report will show that the quantity of reported water conserved has increased slightly.

As stated in our last update to you on June 17, 1994, the Water Conservation Program was impacted by the Regional Water Quality Control Board's requirement for an additional environmental impact report (EIR), which has been completed, certified and filed with the County of Imperial. The IID has requested and been granted by

Mr. John Caffrey
January 4, 1995
Page 2

the Program Coordinating Committee an extension of time for the completion of the IID/MWD Water Conservation Agreement. The completion of the program is now scheduled for December 31, 1997.

Planning and design work has now been initiated on projects that were previously on hold due to the requirement of the EIR. Construction on some of the projects that were on hold is scheduled to start in February, 1995.

Work on other projects continued in 1994. These projects dealt strictly with water management and seepage recovery and are listed below:

1. Lateral Canal Lining - Beginning in February 1990, the IID has to-date concrete lined 199.5 miles of lateral canals. The canal lining program was concluded on December 9, 1994.
2. Twelve-Hour Delivery - This program continues to be a great success, with over 19,656 12-hour deliveries being made through November of 1994.
3. Non-Leak Gates - The installation of all but two gates have been completed in this program. They will be installed in January, 1995.
4. Irrigation Water Management - Our on-farm water conservation program has 24 tailwater return systems functional and 1 more system planned to be functional by March, 1995. There are 3 drip systems in place and functioning.
5. System Automation - Money invested in this program continues to save water and improve the IID's control of water delivery.

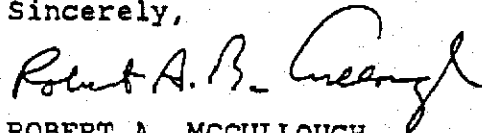
In addition to the conservation carried out as part of this agreement, this year we have added a new program as part of our overall commitment to water conservation. This fall all of our on-farm irrigation water users attended a two hour course and received a water management certificate. This course will be continued on an annual basis to keep our users up to date on water management issues.

Mr. John Caffrey
January 4, 1995
Page 3

We remain as committed as ever to our water conservation goals. As you are aware, there is still a significant opportunity for water conservation, however, water quality guidelines appear to limit future opportunities.

As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities, while meeting the water quality guidelines.

Sincerely,



ROBERT A. MCCULLOUGH
Acting General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg, *CRW/CB*
IID Board of Directors
IID Legal Counsel
IID Public Information Office

*see to
SARC/SAC*

a:wtrbrd2.ltr

IID Water Conservation

- Over 900 miles of concrete lined canals and laterals
- 5 regulating reservoirs
- Automation of 22 main canal control structures
- 18 seepage recovery systems along main canals
- Installation of 5 pilot tailwater recovery systems
- formed 15 member Water Conservation Advisory Board to suggest programs to IID Board
- Education programs to encourage additional water management techniques

MWD Water Conservation

- 200 miles of concrete lining
- 1 regulating reservoir
- 12-hour water delivery vs. 24-hour water delivery
- Automation of 50 water control sites
- Training and support program for farmers on the most advanced irrigation management techniques and the construction of advanced on-farm water conservation systems
- Replacement of wooden canal check gates with non-leaking aluminum gates
- Interceptor canal redirects operational discharge from eight lateral canals for storage into reservoir to create virtual demand water system for those systems

IID WATER CONSERVATION HISTORY

- 1951 Seepage recovery program, All-American Canal.
- 1954 District began concrete lining canals and laterals (1954-89, 910 miles completed), started "carryover" system for farm water orders.
- 1967 Seepage recovery program, East Highline Canal.
- 1976 First Water Regulating Reservoir located on East Highline Canal placed in service.
13-Point Water Conservation Program adopted by Board.
- 1977 Second Water Regulating Reservoir added to system.
- 1979 Board of Directors appointed farmers to a Water Conservation Advisory Board.
- 1980 21-Point Water Conservation Program adopted.
- 1981 Third Water Regulating Reservoir completed, began irrigation scheduling program.
- 1983 Fourth Water Regulating Reservoir went into operation.
- 1984 Resolution to develop water conservation opportunities in the Imperial Valley.
- 1985 An IID Water Conservation Plan was drafted and distributed.
5-Year Tailwater Recovery Demonstration Program; five systems.
- 88 Fifth Water Regulating Reservoir - Automated R. F. Carter Reservoir opened.
IID/farmer funded conservation (1951-88) - estimated 138,000 AF/Yr. conserved.
- 1989 IID/MWD Water Conservation and Transfer Agreement - 106,110 AF/Yr. by 1995;
35 years; \$233 million.
- 1990 Resolution No. 24-90 - Offer to meet and discuss conservation possibilities to assist the state with its water crisis.
Resolution No. 38-90 - IID's best interest to make conserved water temporarily available for use by others and offered to meet and discuss.
Construction started on IID/MWD projects.
- 1991 Drought assistance letter to Dir. David Kennedy, DWR, encouraging DWR to investigate the technical, economic and political feasibility of using wells to recover lost seepage water from the All-American Canal as a drought emergency water source.
Non-Crop Irrigation Demand Reduction Program - Regulation No. 53 - A limit on the length of time water may be applied to flood lands not seeded for a crop.
Pilot Program - Crop Specific Modified Irrigation Program - Evaluate removal of irrigation water from alfalfa during the period Aug. 1 - Oct. 15, 1991 - Total of 420 acres ± in 12 locations.
Transfer of 26,700 AF available to MWD.



IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

13445-3
13689

WD-PM

January 4, 1995

Mr. John Caffrey, Chairman
State Water Resources Control Board
901 P Street
Sacramento, CA 95814

Dear Mr. Caffrey:

Subject: IID/MWD Water Conservation Agreement - Status Report

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Mr. John Caffrey
January 4, 1995
Page 2

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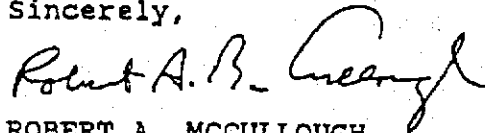
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Mr. John Caffrey
January 4, 1995
Page 3

We remain as committed as ever to our water conservation goals. As you are aware, there is still a significant opportunity for water conservation, however, water quality guidelines appear to limit future opportunities.

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Sincerely,



ROBERT A. MCCULLOUGH
Acting General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg, *CRWGB*
IID Board of Directors
IID Legal Counsel
IID Public Information Office

*see up to
SRGB/sec.*

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IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

January 4, 1995

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State Water Resources Control Board
901 P Street
Sacramento, CA 95814

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Mr. John Caffrey
January 4, 1995
Page 2

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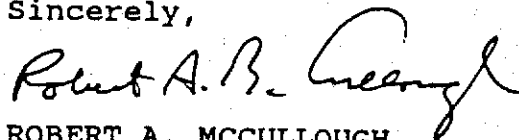
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Mr. John Caffrey
January 4, 1995
Page 3

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As in the past, we look forward to your response to this report and to working with you to optimize water conservation opportunities, while meeting the water quality guidelines.

Sincerely,



ROBERT A. MCCULLOUGH
Acting General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
Mr. Phil Gruenberg
IID Board of Directors
IID Legal Counsel
IID Public Information Office

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IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92251

WD-PM

June 17, 1994

Mr. John Caffrey, Chairman
State Water Resources Control Board
901 P Street
Sacramento, CA 95814

Dear Mr. Caffrey:

The purpose of this letter is to provide a mid-year progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed or partially completed as of June 30, 1994, and the estimated water conserved by each project.

<u>Project Description</u>	<u>Annualized Water Conserved</u>
Trifolium (Carter) Reservoir	5,070 AF
South Alamo Canal Lining, Phase 1	360 AF
Plum-Oasis Interceptor	6,340 AF
"Z" (Galleano) Reservoir	3,300 AF
South Alamo Canal Lining, Phase 2	720 AF
Lateral Canal Lining	24,280 AF
12 Hour Delivery	24,040 AF
Vail Supply Canal Lining	40 AF
Rositas Supply Canal Lining	150 AF
Non-Leak Gates	530 AF
System Automation	4,200 AF
Westside Main Canal Lining	800 AF
Additional Irrigation Water Management	4,300 AF
<u>Total Water Conserved</u>	<u>74,130 AF</u>

A comparison of the above to that data provided in our 1993 year-end report will show that the quantity of reported water conserved has increased slightly.

As you are aware, our water conservation program has been the subject of an additional extensive environmental impact report (EIR), required by the Regional Water Quality Control Board, which has been completed for a cost of approximately \$585,000. The Imperial Irrigation District Board of Directors (Board) certified the EIR and findings, approved a statement of overriding

Mr. John Caffrey
June 17, 1994
Page 2

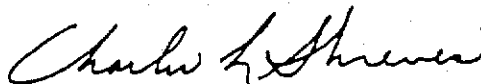
considerations, and filed the EIR with the County of Imperial on June 8, 1994. Also, after certifying the EIR, the Board approved the project by a separate motion. A copy of the EIR was sent to your office previously.

The net result of the preparation of this EIR has been the virtual shutdown of all water conservation projects listed in the EIR. Despite the setback that the preparation of the EIR dealt our water conservation goals, work on a few projects has continued. These projects deal strictly with water management and seepage recovery.

1. Lateral Canal Lining - Beginning in February 1990, the IID has to-date concrete lined 197 miles of lateral canals. The canal lining program will conclude in 1994.
2. Twelve-Hour Delivery - This program continues to be a great success, with over 8,503 12-hour deliveries being made through May of 1994.
3. Non-Leak Gates - The installation of all but two gates have been completed in this program. They will be installed by the end of 1994.
4. Irrigation Water Management - Our on-farm water conservation program has 22 tailwater return systems functional and 3 more systems planned to be completed this year. There are 3 drip systems in place and functioning.
5. System Automation - Money invested in this program continues to save water and improve the IID's control of water delivery.

We remain as committed as ever to our water conservation goals. We were pleased to have the opportunity to brief Messrs. John Brown and Jim Stubchaer on our program and hope to be able to work with you on the conflicting issues of water conservation and water quality as we now continue our program.

Sincerely,



CHARLES L. SHREVES
General Manager

MLK/ceb

cc: Ms. Mary Jane Forster
Mr. Marc Del Piero
Mr. John W. Brown
Mr. James M. Stubchaer
Mr. Walt Pettit, Executive Director
a:wtrbrd.ltr

STATE WATER RESOURCES CONTROL BOARD

PAUL R. BONDERSON BUILDING
901 P STREET
P. O. BOX 100
SACRAMENTO, CALIFORNIA 95812-0100



916/657-1627

FAX: 916/657-0932

JAN 25 1993

Mr. Charles L. Shreves
General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251

Dear Mr. Shreves:

PROGRESS REPORT IN CONFORMANCE WITH THE STATE WATER RESOURCES CONTROL BOARD
ORDER WR 88-20

Thank you for your progress report dated December 18, 1992 concerning the status of the conservation measures that are being implemented within the Imperial Irrigation District (District).

The end of the year report for 1992 shows the continued commitment by the District to implement water conservation measures as required by the State Water Resources Control Board (State Water Board) Order WR 88-20. Your report indicates a substantial increase by the District in water conserved during 1992. The District is commended for its continuing water conservation efforts.

Please continue to keep the State Water Board informed of your progress. Should you have any question, please contact Keith Bieg of the Division of Water Rights at 916/653-0447.

Sincerely,

Eliseo M. Samaniego
Eliseo M. Samaniego
Vice Chairman

Good work!

*Ud - Board Handout cler
1-28-93*

*1/28/93 DB
CC: WOD
if*

State Water Resources Control Board
901 P Street
Sacramento, CA 95814



8-14-93

Charles Shrews

Ref your letter Aug 3, 1993

The IID has come a long way
in the last few years w/ regard
to water conservation.

This reflects well on you, your staff
& Board of Directors — Thanks for
the ref. report

Best regards

John Brown

State of California
California Environmental Protection Agency
State Water Resources Control Board
Mail: P. O. Box 100
901 P Street
Sacramento, CA 95812-0100



John W. Brown
Board Member

(916) 657-1627
FAX (916) 657-0932

31 Board Handout
UH 8/20/93



IMPERIAL IRRIGATION DISTRICT

OPERATING HEADQUARTERS • P. O. BOX 937 • IMPERIAL, CALIFORNIA 92281

WD-PM

August 3, 1993

Mr. John Caffrey, Chairman
State Water Resources Control Board
901 P Street
Sacramento, CA 95814

Dear Mr. Caffrey:

Please accept this letter as the mid-year progress report on the status of the Imperial Irrigation District's (IID) water conservation program.

The following is a list of water conservation projects completed as of June 30, 1993, and the estimated water conserved by each project:

<u>Project Description</u>	<u>Annualized Water Conserved</u>
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Lateral Canal Lining	18,901 AF
12 Hour Delivery	14,000 AF
Vail Supply Canal Lining	40 AF
Rositas Supply Canal Lining	823 AF
Non-Leak Gates	836 AF
System Automation	4,200 AF
Westside Main Canal Lining	800 AF
Additional Irrigation Water Management	4,200 AF
Total Water Conserved	58,950 AF

A comparison of the above list to the list provided in our 1992 year-end report will show that the quantity of reported water conserved has increased slightly.

State Water Resources Control Board
August 3, 1993
Page 2

The development of over \$30 million in planned water conservation projects has been delayed this year because of concerns conveyed to the Imperial Irrigation District (IID) by the Region 7, Regional Water Quality Control Board (RWQCB) regarding potential impacts to surface water quality. The RWQCB has indicated that compliance with Inland Surface Water Plan standards and objectives must be incorporated into our conservation project plans. To address the RWQCB's concerns, our conservation program is now the subject of an extensive environmental impact report which is being prepared for the IID by CH2M Hill Engineering. The constraints placed on the IID by the RWQCB places the IID in the difficult position of having to choose between proceeding with our water conservation program or complying with Inland Surface Water Plan Water Quality Standards. The SWRCB has ordered the IID to conserve water, yet the RWQCB has indicated that water quality requirements should take precedence. This conflict of priorities must be resolved and we would appreciate any help and guidance you can give the IID in dealing with these issues. Over a quarter million dollars in funds originally earmarked for conservation projects has been consumed in our efforts to deal with the issue raised by the RWQCB and the cost could easily escalate to over half a million dollars.

Despite the set back that the preparation of the EIR has dealt our water conservation goals, work on a few projects has continued. These projects deal strictly with water management and seepage recovery.


1. Lateral Canal Lining - Beginning in February 1990, the IID has to-date concrete lined 164.36 miles of lateral canals. The canal lining program will conclude early next year. Water savings to date are estimated to be 18,901 acre feet per year.
2. Twelve-Hour Delivery - This program continues to be tremendously successful, with over 7,895 12-hour deliveries being made this year. An estimated 14,000 acre-feet of water per year is conserved by this program.
3. Non-Leak Gates - The installation of thirteen non-leak gates, and the v-notch measurement systems to monitor their effectiveness, have been completed this year. This program will continue into next year. Gates installed to date are estimated to save 823 acre feet per year.

State Water Resources Control Board
August 3, 1993
Page 3

- 4. Irrigation Water Management - Our on-farm water conservation program has twenty tailwater return systems functional, and two drip systems. To date water savings for this program are estimated to be 4,200 acre-feet per year.
- 5. System Automation - Money invested in this program continues to save water and improve the IID's control of water delivery. A new Water Control Center Building has been completed and will be functional in October of 1993. Projects completed to-date are saving an estimated 4,200 acre-feet of water per year.

The IID remains as committed as ever to our water conservation goals. Resolution of the quandary the IID has been placed in by the RWQCB and the SWRCB is critical and must be dealt with for any substantial future water conservation to be accomplished. We look forward to working with you on this issue.

Yours truly,


 CHARLES L. SHREVES
 General Manager

NCA/lg
A:FORCST6.93

- cc: Ms. Mary Jane Forster
- Mr. Marc Del Piero
- Mr. John W. Brown
- Mr. James M. Stubchaer
- Mr. Walt Pettit, Exec. Director

STATE WATER RESOURCES CONTROL BOARD

THE PAUL R. BONDERSON BUILDING
901 P STREET
SACRAMENTO, CA 95814

Mailing Address
DIVISION OF WATER RIGHTS
P.O. BOX 2000, Sacramento, CA 95812-2000



916/657-1627

FAX: 916/657-0932

In Reply Refer
To: 343:LKB:WR 88-20

JUNE 1 1992

RECEIVED

JUN - 1 1992

FILE NO. 13689
FROM FAX

Mr. Charles L. Shreves
General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251

Dear Mr. Shreves:

PROGRESS REPORT IN CONFORMANCE WITH THE STATE WATER RESOURCES CONTROL BOARD
ORDER WR 88-20

Thank you for your progress report dated December 17, 1991, concerning the status of the conservation measures that are being implemented.

The end of the year report for 1991 indicates that the Imperial Irrigation District is continuing to make good progress in implementing water conservation measures and in evaluating the quantities of water conserved as required by the State Water Resources Control Board (State Water Board) Order WR 88-20.

Please continue to keep the State Water Board informed of your progress. Should you have any questions, please contact Keith Bieg at 916/653-0447.

Sincerely,

Roger Johnson
Assistant Division Chief
Division of Water Rights

cc WD
PTS
PIO
WA

STATE WATER RESOURCES CONTROL BOARD

PAUL R. BONDERSON BUILDING
P STREET
P.O. BOX 100
SACRAMENTO, CA 95812-0100
916/324-5708



FAX: 916/323-0743

RECEIVED

JUL 30 1991

JUL 25 1991

FILE NO. 131289
FROM 11D Mail

Charles L. Shreves, General Manager
Imperial Irrigation District
P.O. Box 937
Imperial, CA 92251

Dear Mr. Shreves:

PROGRESS REPORT IN CONFORMANCE WITH STATE WATER RESOURCES CONTROL BOARD
ORDER WR 88-20

Thank you for your progress report dated June 24, 1991 concerning the status of the conservation measures that are being implemented.

With the list of conservation measures completed and the quantities of water conserved, the requirements of State Water Resources Control Board (State Board) Order WR 88-20 have been satisfied to this point. The additional conservation measures that are planned should help you to meet the January 1994 goal of 100,000 acre-feet.

The video tape you submitted was very well done and very informative. The District is to be commended for its continuing water conservation efforts:

Please continue to keep the State Board informed of your progress. Should you have any questions, please contact Keith Bieg at (916) 324-5708.

Sincerely,

W. Don Maughan
W. Don Maughan
Chairman

Copies: Board
LE
WD
TS
PI

1A - 7/29/91

STATE WATER RESOURCES CONTROL BOARD
THE PAUL R. BONDERSON BUILDING
901 P STREET
SACRAMENTO, CA 95814

Mailing Address:
DIVISION OF WATER RIGHTS
P.O. BOX 2000, Sacramento, CA 95810



(16) 324-5621

March 28, 1989

In Reply Refer
to:333:WB:WRO.88-20

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

Dear Mr. Schreves:

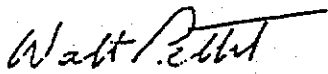
COMPLIANCE WITH BOARD ORDER WR 88-20

We have reviewed the water conservation agreement entered into by the Metropolitan Water District of Southern California (MWD) and the Imperial Irrigation District (IID). The agreement was reviewed to determine to what extent IID has complied with the directives set forth in Board Order WR 88-20.

Our review indicates that IID is in substantial compliance with the currently applicable directives in Board Order WR 88-20. We realize that approval of the agreement by the Department of Interior and the other Districts of the seven-party agreement will be necessary. Coachella Valley Water District has challenged certain provisions of the agreement in the federal court, but that District appears to be willing to continue negotiations with IID and MWD. Under the circumstances, we find that IID is on track to comply with the directives set forth in Board Order WR 88-20. We have recommended that the State Water Resources Control Board take no action at present, and the State Board has concurred with our recommendations.

Please keep us apprised of any further developments in the implementation of IID's water conservation implementation plan.

Sincerely,


Walter G. Pettit, Chief
Division of Water Rights