

**IMPERIAL IRRIGATION DISTRICT
APPROVED BY BOARD OF DIRECTORS**

**RULES AND REGULATIONS
GOVERNING
THE DISTRIBUTION AND USE OF WATER**

(REVISED APRIL 2001)

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These Rules and Regulations have been compiled and are published in accordance with Section 22257, of the Water Code, State of California, which reads in part as follows: "Each District shall establish equitable rules for the distribution and use of water, which shall be printed in convenient form for distribution in the District..."

IMPERIAL IRRIGATION DISTRICT

ORGANIZATION AND FUNCTIONS:

Imperial Irrigation District is a public corporation organized in 1911, under the California Irrigation District Act, as supplemented and from time to time amended (now codified as Division 11 of the Water Code, State of California). The governing body is a Board of five Directors, each elected at large from a separate geographical division of the District for a term of four years by the qualified electors residing within the water service area.

The District performs three chief functions: (a) diversion and delivery of Colorado River Water; (b) operation and maintenance of drainage canals and facilities; and (c) generation and distribution of electricity.

POWERS AND PURPOSES GENERALLY:

The following sections of the Water Code, State of California, set forth generally the Powers and Purposes of an irrigation district.

Section 100: "It is hereby declared that because of the conditions prevailing in this State the general welfare requires that the water resources of the State be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such water is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and for the public welfare. The right to water or to the use or flow of water in or from any natural stream or watercourse in this State is and shall be limited to such water as shall be reasonably required for the beneficial use to be served, and such right does not and shall not extend to the waste or unreasonable use or unreasonable method of use or unreasonable method of diversion of water."

Section 22075: "A district may do any act necessary to furnish sufficient water in the District for any beneficial use."

Section 22078: "A district may control, distribute, store, spread, sink, treat, purify, recapture and salvage any water including but not limited to sewage waters for the beneficial use or uses of the district or its inhabitants or the owner of rights to waters therein."

Section 22095: "A district may provide for any and all drainage made necessary by the irrigation provided for by the district."

Section 22225: "Each district has the power generally to perform all acts necessary to carry out fully the provisions of this division."

Section 22257. "... A District may refuse to deliver water through a ditch, which is not clean or not in suitable condition to prevent waste of water and may determine through which of two or more available ditches it will deliver water."

Section 22425. "A District may acquire by any means any property or interest in property to carry out its purposes..."

Section 25806. "Unpaid charges for water and services; lien; exception

"(a) In case any charges for water and other services or either remain unpaid the amount of the unpaid charges may, in the discretion of the district:

"(1) If unpaid at the time specified for delivery of the assessment book to the collector, be added to and become a part of the annual assessment levied upon the real property upon which the water for which the charges are unpaid was used and upon the real property subject to the charges for any other district services and shall constitute a lien on that real property. However, if, during the year preceding the date on which the first installment of real property taxes which evidence the charges appears on the roll, any real property to which such lien would attach has been transferred or conveyed to a bona fide purchaser for value, or if a lien of a bona fide encumbrancer for value has been created and attaches thereon, then the lien which would otherwise be imposed by this subdivision shall not be added to and become part of the annual assessment nor shall it attach to such real property.

"(2) Be secured at any time by filing for record in the office of the county recorder of any county, a certificate specifying the amount of such charges and the name and address of the person liable therefor.

"From the time of recordation of the certificate, the amount required to be paid together with interest and penalty constitutes a lien upon all real property in the county owned by the person or afterwards, and before the lien expires, acquired by him. The lien has the force, priority, and effect of a judgment lien and shall continue for 10 years from the date of the filing of the certificate unless sooner released or otherwise discharged. The lien may, within 10 years from the filing of the certificate or within 10- years from the date of the last extension of the lien in the manner herein provided, be extended by filing for record a new certificate in the office of the county recorder of any county and from the time of such filing the lien shall be extended to the real property in such county for 10 years unless sooner released or otherwise discharged.

"(b) Where the county assumes the responsibility of assessment and collection pursuant to Chapter 7 (commencing with Section 26500) of this part, the amount of the unpaid charges may be added to and become part of the annual assessment levied upon the real property upon which the water for which the charges are unpaid was used and upon the real property subject to the charges for any other district services and shall constitute a lien on that real property upon recordation of the order confirming the assessment in the office of the county recorder of the county in which the real property is situated. However, if, during the year preceding the date on which the first installment of real property taxes which evidence the charges appears on the roll, any real property to which such lien would attach has been transferred or conveyed to a bona fide purchaser for value,

or if a lien of a bona fide encumbrancer for value has been created and attaches thereon, then the lien which would otherwise be imposed by this subdivision shall not attach to such real property and the costs of such water and services or either, as confirmed, relating to such property shall be transferred to the unsecured roll for collection."

The following sections of the Health and Safety Code, and the Penal Code of the State of California are quoted for information:

HEALTH AND SAFETY CODE:

Section 4454. "Contamination of water supply by livestock. No person shall cause or permit any horses, cattle, sheep, swine, poultry, or any kind of livestock or domestic animals, to pollute the waters, or tributaries of waters, used or intended for drinking purposes by any portion of the inhabitants of this State."

Section 4455: "Bathing in or otherwise polluting water supply. No person shall bathe, except as permitted by law, in any stream, pond, lake or reservoir from which water is drawn for the supply of any portion of the inhabitants of this State or by any other means foul or pollute the waters of any such stream, pond, lake, or reservoir."

Section 4456: "Washing clothes in water supply; misdemeanor; penalty. Every person who washes clothes in any spring, stream, river, lake, reservoir, well or other waters which are used or intended for drinking purposes by the inhabitants of the vicinage or of any city, county, or town, of this state, is guilty of a misdemeanor, punishable by imprisonment in the county jail for not more than 90 days, or a fine of not less than fifty dollars (\$50) nor more than one thousand dollars (\$1,000), or by both such fine and imprisonment. Each day's violation of this section is a separate offense."

PENAL CODE:

Section 498: "Theft of Utility Services.

"(a) The following definitions govern the construction of this section:

- "(1) 'Persons' means any individual, or any partnership, firm, association, corporation, or other legal entity.**
- "(2) 'Utility' means any electrical, gas, or water corporation as those terms are defined in the Public Utilities Code, and electrical, gas, or water systems operated by any political subdivision.**
- "(3) 'Customer' means the person in whose name utility service is provided.**
- "(4) 'Utility service' means the provision of electricity, gas, water, or any other service provided by the utility for compensation.**
- "(5) 'Divert' means to change the intended course or path of electricity, gas, or water without the authorization or consent of the utility.**
- "(6) 'Tamper' means to rearrange, injure, alter, interfere with, or otherwise prevent from performing a normal or customary function.**

- "(7) 'Reconnection' means the reconnection of utility service by a customer or other person after service has been lawfully disconnected by the utility.**
- "(b) Any person who, with intent to obtain for himself or herself utility services without paying the full lawful charge therefor, or with intent to enable another person to do so, or with intent to deprive any utility of any part of the full lawful charge for utility services it provides, commits, authorizes, solicits, aids, or abets any of the following shall be guilty of a misdemeanor:**
- "(1) Diverts or causes to be diverted utility services, by any means whatsoever.**
 - "(2) Prevents any utility meter, or other device used in determining the charge for utility services, from accurately performing its measuring function by tampering or by any other means.**
 - "(3) Tampers with any property owned by or used by the utility to provide utility services.**
 - "(4) Makes or causes to be made any connection with or reconnection with property owned or used by the utility to provide utility services without the authorization or consent of the utility.**
 - "(5) Uses or receives the direct benefit of all or a portion of utility services with knowledge or reason to believe that the diversion, tampering, or unauthorized connection existed at the time of that use, or that the use or receipt was otherwise without the authorization or consent of the utility.**
- "(c) In any prosecution under this section, the presence of any of the following objects, circumstances, or conditions on premises controlled by the customer or by the person using or receiving the direct benefit of all or a portion of utility services obtained in violation of this section shall permit an inference that the customer or person intended to and did violate this section:**
- "(1) Any instrument, apparatus, or device primarily designed to be used to obtain utility services without paying the full lawful charge therefor.**
 - "(2) Any meter that has been altered, tampered with, or bypassed so as to cause no measurement or inaccurate measurement of utility services.**
- "(d) If the value of all utility services obtained in violation of this section totals more than four hundred dollars (\$400) or if the defendant has previously been convicted of an offense under this section or any former section which would be an offense under this section, or of an offense under the laws of another state or of the United States which would have been an offense under this section if committed in this state, then the violation is punishable by imprisonment in the county jail for not more than one year, or in the state prison.**
- "(e) This section shall not be construed to preclude the applicability of any other provision of the criminal law of this state."**

Section 592. Canals, ditches, flumes, or reservoirs. "Every person who shall, without authority of the owner or managing agent, and with intent to defraud, take water from any canal, ditch, flume or reservoir used for the purpose of holding or conveying water for manufacturing, agricultural, mining, irrigation or generation of power, or domestic uses, or who shall without like authority, raise, lower or otherwise disturb any gate or other apparatus thereof, used for the control or measurement of water, or who shall empty or place, or cause to be emptied or placed, into any such canal, ditch, flume or reservoir, any rubbish, filth or obstruction to the free flow of the water, is guilty of a misdemeanor."

Section 607: "Every person who willfully and maliciously cuts, breaks, injures or destroys any bridge, dam, canal, flume, aqueduct, levee, embankment, reservoir, or other structure erected to create hydraulic power, or to drain or reclaim any swamp, overflow, tide or marsh land, or to store or conduct water for mining, manufacturing, reclamation, or agricultural purposes, or for the supply of the inhabitants of any city or town, or any embankment necessary to the same, or either of them or willfully or maliciously makes, or causes to be made, any aperture or plows up the bottom or sides in such dam, canal, flume, aqueduct, reservoir, embankment, levee, or structure, with intent to injure or destroy the same; or draws up, cuts or injures any piles fixed in the ground for the purpose of securing any sea bank, or sea wall, or any dock, quay or jetty, lock or sea wall; or who between the first day of October and the fifteenth day of April of each year, plows up or loosens the soil in the bed on the side of any natural water course, reclamation or drainage ditch, with an intent to destroy the same without removing such soil within 24 hours from such water course, reclamation or drainage ditch, or who, between the fifteenth day of April and the first day of October of each year, shall plow up or loosen the soil in the bed or on the sides of such natural water course, reclamation or drainage ditch, with an intent to destroy the same and shall not remove therefrom the soil so plowed up or loosened before the first day of October next thereafter, is guilty of a misdemeanor, and upon conviction, punishable by a fine of not exceeding one thousand dollars, or by imprisonment in a county jail not exceeding one year, or by both such fine and imprisonment; provided, that nothing in this section shall be construed so as to in any manner prohibit any person from digging or removing soil from any such water course, reclamation or drainage ditch, for the purpose of mining."

"AN ORDINANCE PROHIBITING ENTRY INTO THE WATERS OF IRRIGATION CANALS IN THE COUNTY OF IMPERIAL, STATE OF CALIFORNIA"

Section 32200: Prohibited: Bathing, Swimming, Boating, Water-skiing or otherwise. "It shall be unlawful for any person to bathe, swim, boat, water-ski or otherwise enter into, or upon the surface of the water in any irrigation canal, lateral, ditch, or siphon, in the unincorporated area of the County of Imperial, State of California; provided, however, that the provisions of this Chapter shall not apply to that body of water known as the Palo Verde Outfall Drain."

OFFICE HOURS:

District offices will be open for business 8:00 A.M. to 5:00 P.M., Monday through Friday, except on the following holidays:

New Year's Day (the first day of January)
Martin Luther King Day (the third Monday of January)
Washington's Birthday (the third Monday of February)
Memorial Day (the last Monday of May)
Independence Day (the fourth day of July)
Labor Day (the first Monday of September)
Veterans' Day (the 11th day of November)
Thanksgiving Day (the fourth Thursday of November)
Day after Thanksgiving (the fourth Friday of November)
Christmas Day (the 25th day of December)

Holidays occurring on Sunday will be observed the Monday following. Holidays occurring on Saturday will be observed the Friday preceding.

A water coordinator shall be on duty between the hours of 8:00 A.M. and 5:00 P.M. to accept telephone calls and make water schedules with zanjeros of the division on Saturdays, Sundays, and holidays.

For emergency water calls from 5:00 P.M. to 8:00 A.M. and on Saturdays, Sundays, and holidays dial 339-9380.

REGULATIONS GOVERNING DELIVERY OF WATER

REGULATIONS GOVERNING DELIVERY OF WATER:

Regulation No. 1

Types of Service:

(A) General Agricultural, Municipal & Miscellaneous Service

Applicable to service where water is taken from the canals of the District for general irrigation use or for use by cities, incorporated or unincorporated towns, private water companies, mutual water companies, water utility districts for lands or properties within the boundaries of the District, schools, churches, cemeteries, experimental farms, golf courses, and recreational activities directly connected with such agencies.

(B) Mesa Agricultural Service

Applicable to water service on Mesa Lands within the boundaries of the District. By "Mesa Lands" is meant all lands above the 1030 contour line.

(C) Pump Service

Applicable to service to private pumping plants where water is taken from the canals of the District to be used for general irrigation for lands or properties within the boundaries of the District.

(D) Pipe and Small Parcel Service

Applicable to service from any pipes which are installed to take water by gravity flow only from the canals of the District for general use or for any service to small parcels from an open ditch.

(E) Wholesale Service

Applicable to water service to Water Users' Associations, only.

(F) General Industrial Service

Applicable to water service to all industrial and geothermal operators who divert water from the District's canal system.

(G) Temporary Water Service

Applicable to water users who withdraw water from any canal on a temporary basis without an established delivery point.

Regulation No. 2

Procedure to Obtain Service:

Service may be obtained from Imperial Irrigation District by making written application upon standard forms supplied by the District for that purpose.

Regulation No. 3

Application for Service:

The application for water service is entitled "Certificate of Ownership and Authorization of Agent or Tenant," and is the authority by which all charges shall be made by the District for water service. This application is a written request for service and does not in itself bind the District to serve except under reasonable conditions, and in accordance with the Rules and Regulations. The District shall require that one such form be executed by the landowner for each separate account and/or parcel of property, except that more than one form may be required for each parcel where such a requirement serves the best interests of the District.

Industrial water users may be required to sign a contract, which specifically limits the amount of water discharged into District drains. The contract may also specify the water holding facilities required for the industry.

Temporary water users shall fill out an application for temporary water service. This application shall be the water users authority to remove water from the location specified and for the time period stated on the application.

In those cases where landowners subdivide acreage served through one delivery gate into small tracts involving several tenants, only one owner-tenant authorization card and/or two tenant cards will be accepted for delivery of water. The responsibility of segregating charges between the various tenants must be assumed by the landowner or one designated tenant.

The "Certificate of Ownership and Authorization of Agent or Tenant" is divided into two sections. The first section, "Certificate of Ownership," must always be executed. The authorization line shall be used only when the owner desires to designate a tenant as his agent for the purpose of ordering water. The owner may also require his designated tenant-agent to make a cash deposit to guarantee payment of water service charges.

The legal description of the property covered by the "Certificate of Ownership" shall be accepted subject to approval as to adequacy by the District. Where a legal description is determined to be inadequate the landowner will be notified and allowed a reasonable length of time in which to execute a corrected certificate. If, at the end of the time allowed, the corrected certificate has not been made water service may be discontinued.

The District will accept a "Certificate of Ownership" without further proof of ownership and will accept the certificate when made by a person acting on behalf of the owner; however, the District may require evidence of his authority to represent the landowner. A certificate made by an agent, partner, corporate officer, attorney in fact, guardian, trustee, administrator, executor, or other person acting for the owner will be accepted subject to approval as to form by the District. Where a person is acting with the power

of substitution, such as agent, partner, etc., the District will require that the name of the owner, partnership, or corporation be followed by the signature of the substitute and his title. When the person acting for the owner is, by virtue of his office, in possession of the property involved, he will sign his name and follow it with his complete title of office. Where an owner uses the "Authorization of Agent or Tenant" section to designate his tenant as his agent, he will guarantee payment for all water service charges incurred by the tenant. Any changes of the terms of authorization as printed on the form will be disregarded by the District. If the owner, or the District, requires that the designated tenant-agent make a cash deposit to guarantee payment of water service charges, the District will not deliver water on the order of the tenant-agent until the deposit is made. The District will not be responsible for sufficiency of the deposit required, and will hold the landowner responsible for payment of any unpaid water service charges in excess of the deposit.

Reg. No. 3 Revised 11/94

Regulation No. 4
Responsibility for Service:

Any water user whose application is accepted by the District and who is furnished with water service as provided in these regulations, becomes liable for payment under the appropriate rate schedule for all water service furnished by the District subsequent to the date stipulated on the authorization and until such time as the landowner makes the proper request to the District to cancel the authorization. In any case where two or more parties join in one authorization for service, such parties will be jointly and severally liable thereunder, and only one bill shall be rendered for service.

Every water user shall be responsible to the District for damages to District facilities caused by his willful neglect or careless use of water.

The District will not be liable for damage resulting from water flowing from a private ditch or for damages resulting from negligent or wasteful use of water.

Reg. No. 4 Revised 8/7/90

Regulation No. 5
Deposits:

After making the proper application for water service it is sometimes necessary for the water user to make a cash deposit before service can be rendered. Regulation No. 3 sets forth the conditions under which this is necessary.

Regulation No. 6
Basis for Water Service Charges:

All water delivered to a water user is measured through standard delivery gates, except where District facilities do not permit such measurement. A flat charge, or annual charge, for acreage served is applied according to type of service rendered and conditions existing when it is impractical for standard District measuring facilities to be installed.

Regulation No. 7
Rate Schedules:

All charges for water service furnished to a water user will be made as set forth in the rate schedules as established from time to time by the Board of Directors of Imperial Irrigation District. Copies of these rate schedules will be available for inspection at all District offices.

Regulation No. 8
Instructions for Ordering of Water:

(A) Orders

Orders for water may be placed by telephone with the Water Coordinator in any District Division office between 7:00 a.m. and 5:00 p.m., seven days a week. At the Water Clerk's discretion, the landowner or his duly authorized agent may be required to sign an application for water delivery when placing an order.

Orders for change of quantity, or cut-off orders may be placed on any day of the week, and on holidays. Such orders may be placed at any division office until 4:30 p.m. of the preceding day. Division staff will attempt whenever possible to accommodate later requests.

Except for finish heads, orders for water to be delivered the following day, received at the appropriate division office before 12 noon on any day, will be scheduled so as to start delivery within the following three days. All orders received later than 12 noon will be considered as having been received the following day.

Finish heads can be ordered up to 3:00 p.m. of the day preceding the day of delivery.

(B) Verification of Order

Arrangements may be made by the water user to call the District between the hours of 3:00 P.M. and 5:00 P.M. if he wishes to verify the date of water delivery. The water user placing the order may designate a telephone number where he may be contacted between the hours of 3:00 P.M. and 5:00 P.M. for notification by the District as to the date delivery is scheduled to start. If it is impossible to verify by either of these methods, any other arrangement that is agreeable to the District and the water user may be used, as long as verification is accomplished between the hours of 3:00 P.M. and 5:00 P.M. If the water user so desires, he may order on the basis that delivery will be accepted at any date within the three-day period stipulated without further verification.

(C) Delivery of Water Under Order

The quantity of water delivered will be in accordance with the order, insofar as normal operations of the canal system will permit.

Regulation No. 9

Notice of Water Delivered:

A regular printed notice of water delivered will be left by the zanjero at the place of measurement every day the water is run with no exception. The first day the water is turned on the notice will be left stating date, time of day, the amount ordered, the gate opening, for whom the water is turned on, and will be signed and dated by the zanjero. The water service charge will be made daily at the end of each 24-hour period for the amount of water delivered or ordered, whichever is greater.

Any claims for shortage or irregularity must be made with the division water superintendent as soon as possible after completion of the run.

Regulation No. 10

Discontinuance or Refusal of Service:

(A) Nonpayment of Bills

Bills are made out monthly and are mailed about the 10th day following the monthly period in which service was received. If the bill rendered has not been paid by the 35th day following issuance of the bill, service will be discontinued.

Any person, firm or corporation having more than one account for water service, whether as owner or tenant or both, will be refused water service on any account when any of the accounts become 60 days delinquent, even though the account on which water service is requested is not delinquent.

IID customers that utilize canal water for domestic purposes must obtain alternative water service from a Department of Health Services Approved Provider for drinking and cooking purposes. Customers are required to maintain service contracts with an Approved Provider as a condition to receiving canal water from the IID, and are responsible for all alternative water costs and associated fees. This includes costs from the Approved Provider or costs incurred by the District on behalf of the customer.

(B) Noncompliance with Rules

Water service to user is subject to full compliance with all the District's Rules and Regulations and failure to comply therewith after 5 days' written notice shall constitute good and sufficient cause for District to discontinue service to water user without liability for any loss or inconvenience occasioned thereby.

Failure to comply with all federal and state mandates pertaining to compliance with the Safe Drinking Water Act also constitutes cause for the District to discontinue canal water service for domestic purposes. This includes, but is not limited to, California Department of Health Services mandated survey/certification requirements, minimum usage standards, and the payment of all fees and charges pertaining to a customer's alternative water supply from an Approved Provider or those incurred by the IID on behalf of the customer. This also obligates the customer to provide IID and/or the Approved Provider with any information (e.g. residential customers shall give their Approved Provider [number]-days notice of

the customer's desire to terminate service with the Approved Provider) requested by California Department of Health Services.

In the event IID determines that any of its customers are using canal water for drinking or cooking purposes without an alternative water supply from an Approved Provider, IID will notify that person or entity within seven days of the need to make arrangements for this service. If confirmation of an alternative water supply from an Approved Provider is not received within seven days of this notification, IID will provide thirty days written notice to that customer of its intent to disconnect that customer's canal water connection. A service pipe disconnection will include a physical removal of the pipe.

Reg. No. 10 Revised 9/98

Regulation No. 11

Delinquent Accounts:

Water shall not be delivered to land having a delinquent account, except stock water service paid for in advance, or one irrigation run having approval of the General Manager, or an authorized agent appointed by him and acting on his behalf.

The General Manager, or his authorized representative, may approve deliveries of water under delinquent water accounts in cases where the property involved is in litigation and is held in fee by the litigants or in instances where the crop is endangered.

When a delivery designated as a continuous run has started before the account for the land affected becomes delinquent, said delivery shall not be continued beyond the third day following the day the account becomes delinquent. Any number of days water is delivered past the day said account becomes delinquent shall constitute the one-run delivery of water referred to herein, and any further request for water shall be refused until the account is paid.

Checks, drafts, cashier's checks and money orders are acceptable and should be made payable to Imperial Irrigation District.

Reg. No. 11 Revised 11/94

Regulation No. 12

Delivery Points:

The point of delivery will be considered to be the delivery gate in the District's canal.

The District will maintain a delivery gate for each governmental subdivision of approximately 160 acres, when constructed to District specifications at landowner's expense. The elevation of the land served shall be such that the District can make gravity delivery from the delivery gate. If a pump lift is required from the delivery gate onto the land served, such lift shall be provided, constructed, operated and maintained by the landowner.

The District may install, operate, and maintain pump service where such facilities are most feasible and advantageous to the District's operations. Additional delivery gates may be placed in the canals, at intervals of every .25 of a mile, or less, only after approval by the District, and then only by District forces and at the expense of the landowner. Delivery gates may be installed at intervals of less than .25 of a mile only

where special conditions make such facilities necessary.

Regulation No. 13

Requirements for Delivery:

Water cannot be delivered unless duly ordered by the landowner or his authorized agent. The District reserves the right to refuse to turn water into a delivery gate when the ditch leading therefrom is not in condition to carry the water.

Orders may be placed in 12 or 24-hour increments and multiples thereof. Twelve-hour runs are limited to a maximum of 7 cfs and must be used in accordance with Regulation No. 48.

Water cannot be delivered while there is a delinquent bill outstanding, in accordance with Regulation No. 11.

Industrial users will be required to construct a facility to hold water of a minimum volume equal to six days (based on 24 hours) of use in accordance with the District policy of six-day canal cutouts for maintenance and construction. (There is a ten-day storage holding capacity required by the Imperial County Office of Emergency Services for cities.)

Reg. No. 13 Revised 11/94

Regulation No. 14

Maximum Delivery:

When the amount of water ordered by the water user is greater than the capacity of the user's ditch, the zanjero will deliver the amount determined by the zanjero, in his judgment, to be feasible. Water service charges will be based on the amount of water delivered if excess water can be returned to the system without spilling.

Reg. No. 14 Revised 11/94

Regulation No. 15

Height of Water:

The District may, as occasion requires, notify the landowner in writing as to the maximum elevation water will be raised in the District's canal at the delivery gate for the irrigation of the land served by the same. It shall be the duty of the landowner or water user to maintain his delivery ditch in such a condition that water service may be received from District's canal at the established elevation.

Regulation No. 16

Canal Cutouts:

Maintenance operations including weed control, as well as construction work, make it necessary periodically that water be cut out of portions of the District's canal system. Cutouts are generally for three day to six day periods, except in emergencies. Adequate notice shall be given affected water users prior to all canal cutouts, except in times of extreme emergencies.

Routine three-day cutouts shall not be more often than 60 days except in emergencies. Cutout notices for six-day periods will be color-coded pink.

Notification shall be in the form of a standard post card, showing starting date and duration of proposed cutout, and shall be mailed 12 days prior to date of each canal cutout.

Reg. No. 16 Revised 11/94

Regulation No. 17

Excessive Ponding and Wasting of Water:

Except as provided in Regulation No. 20, the excessive ponding of water in the lower ends of fields or in low areas, and the practice of discharging excess irrigation water into lateral or deep drains and/or other ditches, whether District or private, will not be permitted. Waste or unreasonable use or method of use of water shall be prevented. Conservation of water shall be exercised with a view to the reasonable and beneficial use thereof.

The District may refuse or restrict water service to any landowner or water user who does not comply with this regulation.

Regulation No. 18

Delivery of Water to District-Owned Lands Held by Individuals by Virtue of a Lease or Purchase Agreement:

(A) General

Water will be delivered to these premises under the same conditions and at the same rates as provided for privately owned property, except as stated herein.

(B) Lease or Contract Delinquencies

If the stipulated rental or contract payment has not been made within 30 days after the date due, water service will be discontinued. Service discontinued under such circumstances shall not be restored until payment has been made or until authorization for restoration of service has been issued by the Board of Directors.

(C) Lease or Contract Conditions

Water service may be discontinued to any land lease or contract holder upon discovery by the District of a breach of the covenants or conditions of such lease or contract.

Regulation No. 19

Delivery of Water to Mesa Lands:

As used in this Regulation, the term "Mesa Lands" means all land located above the 1030 contour line.

(A) General

Mesa Lands or properties may receive water service from the canals of the District if they are within the boundaries of the District. Water service will be rendered under the District's Rate Schedule No. 1-A.

(B) Measurement

Measurement of water will be made by the District at its delivery point. The water user must maintain the water surface in his facility at a minimum of one foot below the water surface in the District's canal at the point of delivery.

(C) Surface Water

All water shall be used on the cultivated land, and no surface discharge will be permitted above amount allowed in Regulation No. 45.

(D) Excessive Ponding and Wasting of Water

Except as provided in Regulation No. 20, the District will refuse or restrict water service to any landowner or water user who intentionally or carelessly permits the excessive ponding of water in the lower ends of fields or in low areas, and the practice of permitting excess irrigation water to flow into lateral or deep drains and/or other ditches, whether District or private, tending to create waste water or increase serious groundwater conditions and seepage therefrom.

Reg. No. 19 Revised 11/94

Regulation No. 20

Delivery of Leaching Water:

(A) Protective Requirements for Long Term Leaching

The land shall be well leveled and have adequate drainage facilities to permit movement of water through the soil for removal of excess salts. The land shall be contour bordered on not more than .3 grade intervals. The base of the borders shall have sufficient width to maintain a top width of 2 feet. The height of the orders shall be at an elevation 1 foot above the elevation of the water surface required. Ponded water shall not be more than 1 1/2 feet in depth on the land.

Adequate weirs shall be installed in borders for safe control of passage of water over the land.

Local soil textures and groundwater conditions may require that when ponding water adjacent to property lines or public roads:

1. The ponded area shall be held back 75 feet from the property line and intercepting drains constructed paralleling the field borders.
2. The intercepting drains shall be constructed to specifications to be determined by texture of soil and stratification.

Where the ponded area parallels District drain the same shall be held back a minimum of 75 feet from the right-of-way lines and intercepting drains constructed paralleling the field borders. The depth of the intercepting drains shall be determined by the soil classification and depth of drain.

Where there is not sufficient information available to determine requirements for

safety of adjacent land and additional field work is required on (a) test wells, (b) profiles, (c) plotting profiles, and (d) semi-permanent test wells, an advance deposit shall be obtained to cover the estimated cost of the work.

(B) Application

Applications for leaching water shall be made at the division office of the area in which the property is located.

Applications for leaching water shall not be approved for delivery of water until adequate protection has been provided the adjacent properties against flooding or encroachment of groundwater from the ponded area.

Approval of applications for leaching water shall be subject to:

1. Field inspection of preparatory work prior to approval for delivery of water.

If work has not been completed to comply with regulations, the landowner shall be informed of the additional work required and approval for the delivery of water withheld pending completion of the work.

(C) Length of Leaching Period

The leaching period shall not exceed 90 days on any one continuous leaching period. A drying period of 30 days should follow each leaching period.

Responsibility for Damages

The water user shall be responsible for all damage resulting from ponding operations to District and public facilities, and private properties.

Slowflood Leaching

The water user shall be responsible for preparatory work prior to approval for delivery of water to insure compliance to Regulation No. 45 (B) 3. (a)

Reg. No. 20 Revised 11/94

Regulation No. 21

Small Parcel Service:

Procedure to Obtain Service

If service is to be used for domestic purposes:

- A. Application for the installation of a Small Parcel Service water supply may be made at any division office on a *Certificate of Ownership and Authorization of Agent or Tenant* form provided by the District for that purpose. At the time of application, the applicant must provide IID with proof of an alternative water supply for cooking and drinking purposes (e.g. contract for hauled or bottled water service) from a Department of Health Services Approved Provider and complete a California Department of Health Services mandated survey/certification required for compliance with federal and state Safe Drinking Water Acts.

- B. Upon approval of the application, and once the applicant has submitted any necessary encroachment permits, the District will provide the applicant a notice of intent to deliver water. This will allow the applicant to install the water service but does not allow him to take water from the canal except to test a water treatment system as required by the County of Imperial. New service pipe connection installations must include shut-off valves or locks approved by the District that allow for disconnection without physical removal of the pipe.
- C. The applicant must then submit a signed IID Water Supply Agreement.
- D. Upon receipt of all these requirements, IID will then issue an account number to this Small Parcel Service and water may then be taken from the canal.

If service is to be used for irrigation or other non-domestic use:

- A. Application for the installation of a Small Parcel Service water supply may be made at any division office on a *Certificate of Ownership and Authorization of Agent or Tenant* form provided by the District for that purpose.
- B. Upon approval of the application the applicant must submit any necessary encroachment permits and a signed IID Water Supply Agreement.
- C. Upon receipt of all these requirements, IID will then issue an account number to this Small Parcel Service and water may then be taken from the canal.

Requirements for Installation

All such installations shall be subject to inspection and approval of the District and shall be constructed and maintained at all times without expense to the District. The District will not be responsible for damage to such installations as a result of its operations on the canal.

Small Parcel Service installations shall be made only on through canals, and are not permitted on dead-end laterals with intermittent service, except upon prior written approval of District.

Each landowner will be required to furnish any other landowner, requiring the same, a right-of-way across the landowner's land for Small Parcel Service installation.

Due to operating problems arising in connection with the installation of turnouts for small parcel service, no new Small Parcel Service installations will be permitted within 330 feet of an existing installation, on each bank of the canal.

Small Parcel Service connections shall not exceed 6 inches in diameter unless approved by the Assistant General Manager of the Water Department.

Water Delivery

The District will at no time be required to deliver water to such installations when no other water is being delivered through the canal and will not allow the water user to

pond water on the canal for the purpose of delivery through such installation.

Charges

Water service charges for Small Parcel Service installations and disconnections will be made in accordance with rates established by the Board of Directors.

Alternative water supply charges and fees from Approved Providers are the sole responsibility of the water user and not the IID. Approved Providers are contractually prohibited from terminating alternative water service with IID residential or business water users without IID approval. IID will assume payment responsibility for no more than 60 days upon request for termination due to non-payment from an Approved Provider. All charges incurred by the IID on behalf of a canal water user for the supply of alternative water for cooking and drinking purposes will be passed on to the IID account holder.

In the event water is diverted or allowed to run to lands other than those set forth in the application, or be taken or used by any person other than the water user, a new account will be established and billing will commence according to procedures established in this regulation below.

When a Small Parcel Service is installed prior to the 16th of any month, an invoice will be issued for the entire month. If the service is installed after the 15th of any month, an invoice will not be issued until the following month.

Likewise, if a Small Parcel Service is removed prior to the 16th of any month, a credit will be allowed for the entire month; however, if the service is removed after the 15th of any month, a water service charge will be made for that entire month.

Reg. No. 21 Revised 12/93-44/94 9/22/98

Regulation No. 22

Regulations Governing Water Users' Association:

A water users' association may be formed at any time when two or more water users desire to constitute themselves into a single legal entity for the purpose of contracting for, accepting and paying for water service from the Imperial Irrigation District.

The design of a common system to provide water for the water users and installation of the system designed will be the responsibility of the Water Users' Association.

Prorating costs of the installation, and costs of water service after the system is in service will be the responsibility of the Association.

Bills for water service will be rendered by the District to the Association only, and payment will be accepted only from a designated representative of the Association.

Water service charges rendered will be in accordance with rate schedules as established from time to time by the Board of Directors of Imperial Irrigation District.

Water service to Water Users' Associations may only be on a continuous flow basis from canals with, generally, a continuous flow.

Reg. No. 22 Revised 11/94

Regulation No. 23

Compensation to District Employees:

All inspectors, agents, and employees of the District, while acting as such, are strictly forbidden to demand or accept any personal compensation, or gratuities for services rendered to a water user of the District. Employees may receive gifts with a net worth under \$25.

Reg. No. 23 Revised 11/94

Regulation No. 24

Measuring of Water:

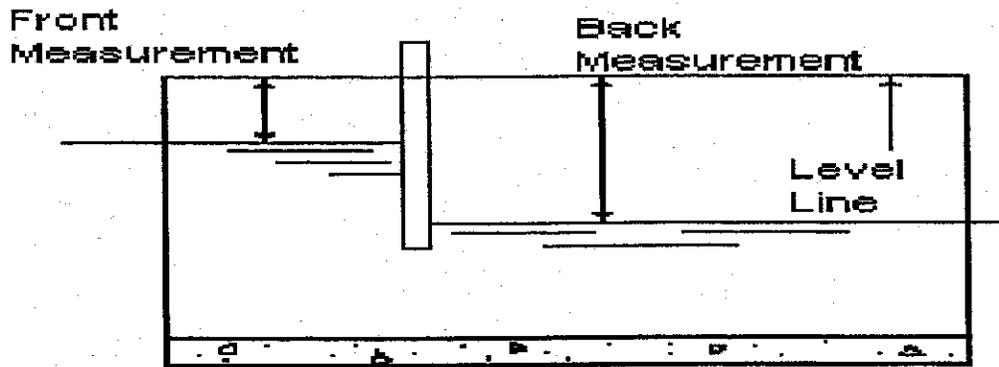
The unit of measurement used by the District in delivering water will be a cubic foot per second for a period of time water is applied. In billing for water service, the unit used will be the acre-foot, or the quantity of water that is required to cover one acre of ground one foot /deep. One cubic foot per second flowing continuously for 24 hours will be considered as two acre-feet for water service billing purposes.

A continuous run of water for more than 24 hours to the same water user will be measured each day and as nearly as possible at the same time each day. A record of water delivered will be left at the place of measurement every day water is running. The record will indicate the amount ordered, the gate opening, the name of the water user, the time of day and date, and will be signed by the zanjero. The amount for which a water service charge is to be made will be entered when measurement is taken at the end of each 24-hour period as the run proceeds. Water ordered for 12-hour periods will coincide with normal morning turn times.

All Measurements will Conform to One of the Three Following Classes

Class 1 - Submerged Opening

When the surface of the tailwater downstream from the opening in the delivery gate is above the top of the opening, the pressure will be the vertical distance or height of the surface of the water in front of the gate above the surface of the tailwater, or the difference between front and back measurements as shown on the diagram. As used in these instructions, the front of any gate is the side from which the water enters the structure and the back is the side from which it leaves the structure. Front and back measurements must be taken as indicated in the diagram.



CLASS 1 – SUBMERGED OPENING

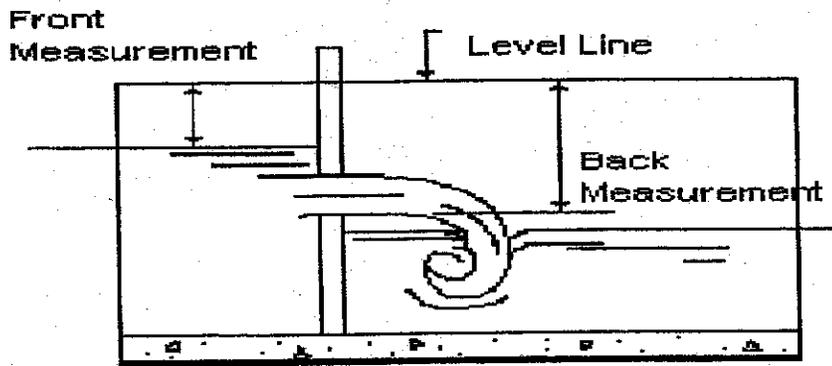
Example -

Size of opening 6" x 36"
 Area of opening 6" x 36" = 216 Sq. In.
 Back measurement 20"
 Front measurement 8"

 Pressure 12"
 Multiplier for 12" pressure from
 table is0390
 216 x .0390 = 8.42 Sec. Ft.

Class 2 - Opening with Free Discharge

When the surface of the tailwater is at or below the center of the opening, the pressure is the distance from the surface of the water in front of the gate to the center of opening, or the difference between the front and back measurements as shown in the diagram, less one-half of the depth of the opening. The back measurement is taken to the bottom of the opening. The record of measurement in this class of opening is the same as for submerged opening except that the letters F. D., signifying "Free Discharge" should be written opposite the date on which they are taken.



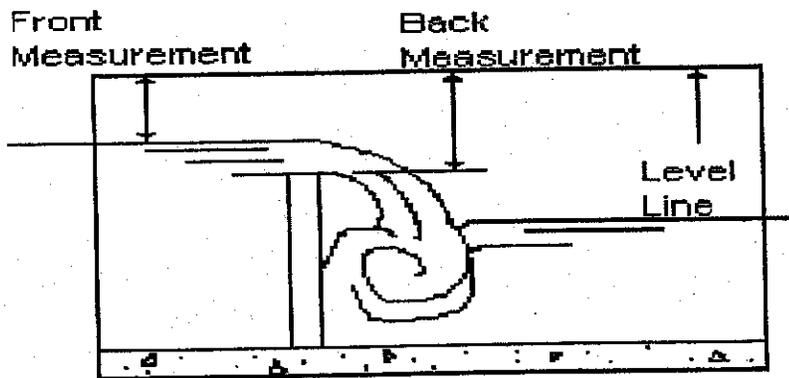
CLASS 2 - OPENING WITH FREE DISCHARGE

Example -

Size of opening	6" x 36"
Area of opening	6" x 36" = 216 Sq. In.
Back measurement	19"
Front measurement	8"
Difference in measurement	11"
Less 1/2 depth of opening	3"
Pressure	8"
Multiplier for 8" pressure from table is0319"
216 x .0319 = 6.89 Sec. Ft.	

Class 3 - Overpour with Free Discharge

When the surface of the tailwater is at or below the top of the weir board, which should be level, the depth of the overpour will be the height of the surface of still water, above the top of the weir board, on upstream side of overpour, at upper wing post, or the difference between the front and back measurement as shown in diagram. The measurements should be taken from the upper edge of a "level board" nailed across the weir posts.



CLASS 3 - OVERPOUR WITH FREE DISCHARGE

Example -

Back measurement 28"
 Front measurement 18"

Depth of overpour 10"
 Width of Opening 36"
 Multiplier of 10" from table is . .2111
 36 x .2111 - 7.60 Sec. Ft.

Reg. No. 24 Revised 11/94

INSTRUCTIONS FOR THE USE OF HYDRAULIC CALCULATOR
INSTRUCCIONES PARA EL USO DEL CALCULADOR HIDRAULICO

OVERPOUR MEASUREMENT FOR DELIVERY GATES

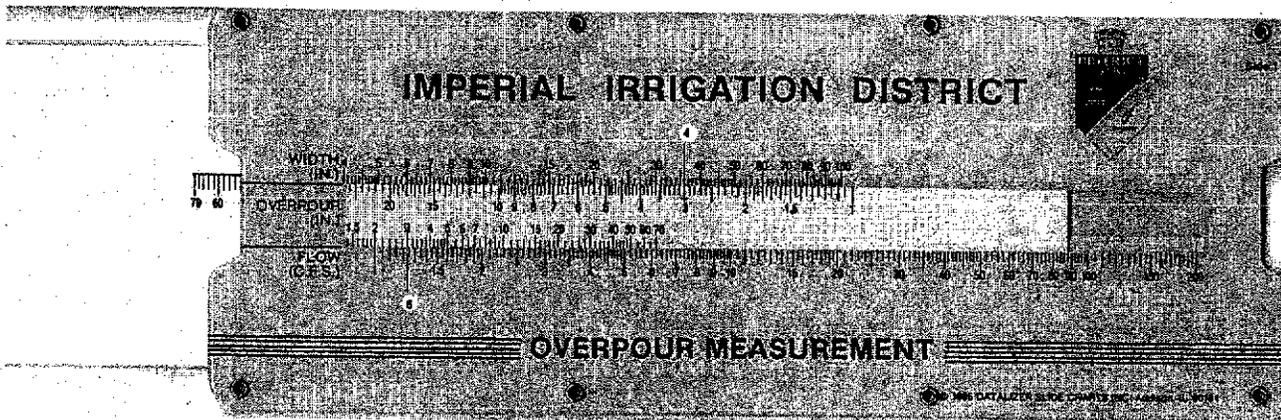
(Calculates Water Flow Discharging Over a Weir. Flow is in Cubic Feet Per Second)

1. Turn to Side 1. Overpour Measurement.
2. Measure width of overpour structure in inches and locate on WIDTH Scale. Say it is 36-inches.
3. Measure depth of water pouring over the top of the overpour structure. Be sure not to use overall water depth. Suppose it measured 3-inches.
4. Align 36-inches on WIDTH Scale and 3-inches on OVERPOUR Scale. There are two overpour scales, use the top one for this. (See 4 below)
5. Without moving the setting above, read the flow that lines up with the 3-inches on the bottom OVERPOUR Scale.
6. Flow should be about 1.23 cfs. (See 6 below)

FLUJO DE AGUA POR DESBORDAMIENTO

(Calcula el Flujo de Agua Desbordando Una Compuerta. La Medida es en Pies Cubicos Por Segundo)

1. Dirigase a el lado marcado Side 1.
2. Mida lo ancho de la compuerta y localise esta medida en la escala marcada WIDTH. En este ejemplo usaremos 36 pulgadas como la medida.
3. Mida la profundidad de agua que corre sobre la compuerta. Diga que indicó 3 pulgadas de profundidad sobre la cumbre de la compuerta.
4. Alinie las 36 pulgadas en la escala marcada WIDTH con 3 pulgadas en la escala marcada OVERPOUR. (Dirigase a la nota marcada 4 en el ejemplo abajo)
5. Con estas dos medidas fijas, lea el flujo en la escala marcada FLOW bajo las 3 pulgadas como está indicado por la nota numero 6, abajo.
6. En esta compuerta con 3 pulgadas de desbordamiento corre 1.23 pies cubicos por segundo.



PRESSURE MEASUREMENT FOR DELIVERY GATES
(Calculates measured Flow in cfs for Measured head)

1. Turn to Side 2
2. Align measured head with
3. Let's assume there is 3-inches of head (PRESSURE Scale) and the gate opening is 15-inches (GATE DEPTH Scale) as shown by Point A.
4. Read the flow below the GATE WIDTH scale.
5. As an example, if the gate measures 36-inches wide (GATE WIDTH Scale) the flow is 10.5 cfs (ORDER Scale) as shown by Point B.

(Calculates Gate Opening In Inches For a Required Flow in Cubic Feet Per Second)

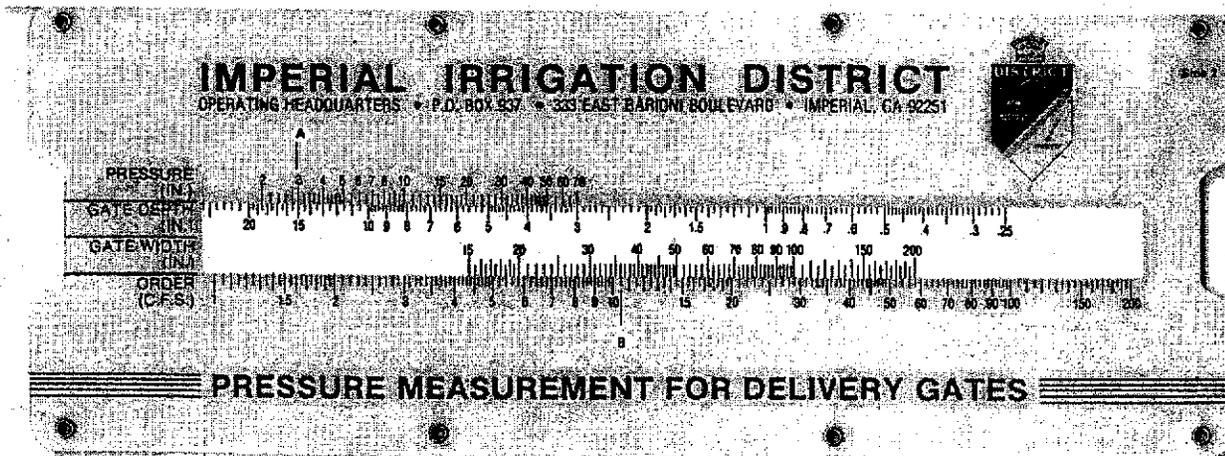
1. Turn to Side 2.
2. Locate your flow on the ORDER Scale. Say you need 10.5 cfs.
3. Line up 10.5 cfs with the gate width. Let's assume we have a 36-inch gate. (See B Below)
4. With 10.5 cfs and 36-inches aligned, locate available head on the PRESSURE DEPTH Scale.
5. Holding this setting read the required gate opening on the GATE DEPTH Scale.
6. Gate opening required is 15 inches, as read on the GATE DEPTH Scale (See A below)

MEDIDA DE AGUA BAJO PRESIÓN
(Calcula el flujo de agua corriendo bajo una Compuerta)

1. Dirijase a el lado marcado Side 2.
2. Aline la presión disponible con la abertura de la compuerta.
3. Como ejemplo usaremos 3 pulgadas de presión (Escala marcada PRESSURE) y 15 pulgadas como la abertura (Escala marcada GATE DEPTH), Punto A.
4. Lea el flujo de agua bajo la escala marcada GATE WIDTH.
5. Como ejemplo, si la compuerta mida 36 pulgadas (Escala marcada GATE WIDTH) el flujo es 10.5 pies cubicos por segundo como está indicado por el Punto B.

(Calcula La Abertura Necesaria De Una Compuerta Para el Flujo De Agua Requerido en Pies Cubicos por Segundo)

1. Dirijase a el lado marcado Side 2.
2. Localize el flujo requerido en la escala marcada ORDER; por ejemplo 10.5 pcs.
3. Mida lo ancho de la compuerta y localice esta medida en la escala marcada GATE WIDTH En este ejemplo usaremos 36 pulgadas. Aline las 36 pulgadas con los 10.5 pcs; (dirigase a la nota numero B en el ejemplar abajo).
4. Con estas escalas en posición, se localiza la presión disponible en el canal. Usaremos 3 pulgadas en esta ejemplo como esta en la escala marcada PRESSURE; (dirigase a la nota numero A abajo).
5. Con las 3 pulgadas de presión marcadas se lee la abertura necesaria en la escala marcada GATE DEPTH contigua.
6. En este ejemplo la abertura necesaria para el flujo de 10.5 pies cubicos pr segundo es 15 pulgadas como está indicado por la nota numero A abajo.



Regulation No. 25

Tables for Water Measurement:

Pressure Measurement

In the table the pressure will be found in the column "Head Inches." The multiplier to use for that pressure or depth will be found in the column "Cubic Feet."

Overpour Measurement

In the table the depth of overpour will be found in the column "Head Inches" and the multiplier for that depth will be found in the column "Cubic Feet."

PRESSURE MEASUREMENT

Discharge in Cubic Feet per Second for Each
Square Inch in Opening

All water measured by means of a pressure measurement on a rectangular orifice shall be computed from the formula $Q=0.70A \sqrt{2GH}$ for measurements in feet or $Q=0.91126 A H$ for measurements in inches.

INS.	CUBIC FEET	HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET
1/2	.0080	15-1/2	.0443	30-1/2	.0622	45-1/2	.0759
1	.0113	16	.0450	31	.0627	46	.0764
1-1/2	.0138	16-1/2	.0457	31-1/2	.0632	46-1/2	.0768
2	.0159	17	.0464	32	.0637	47	.0772
2-1/2	.0178	17-1/2	.0471	32-1/2	.0642	47-1/2	.0776
3	.0195	18	.0478	33	.0647	48	.0780
3-1/2	.0211	18-1/2	.0484	33-1/2	.0652	48-1/2	.0784
4	.0225	19	.0491	34	.0657	49	.0788
4-1/2	.0239	19-1/2	.0497	34-1/2	.0661	49-1/2	.0792
5	.0252	20	.0504	35	.0666	50	.0796
5-1/2	.0264	20-1/2	.0510	35-1/2	.0671	50-1/2	.0800
6	.0276	21	.0516	36	.0676	51	.0804
6-1/2	.0287	21-1/2	.0522	36-1/2	.0680	51-1/2	.0808
7	.0298	22	.0528	37	.0685	52	.0812
7-1/2	.0308	22-1/2	.0534	37-1/2	.0690	52-1/2	.0816
8	.0319	23	.0540	38	.0694	53	.0820
8-1/2	.0328	23-1/2	.0546	38-1/2	.0699	53-1/2	.0824
9	.0338	24	.0552	39	.0703	54	.0827
9-1/2	.0347	24-1/2	.0557	39-1/2	.0708	54-1/2	.0831
10	.0356	25	.0563	40	.0712	55	.0835
10-1/2	.0365	25-1/2	.0569	40-1/2	.0717	55-1/2	.0839
11	.0373	26	.0574	41	.0721	56	.0843
11-1/2	.0382	26-1/2	.0580	41-1/2	.0725	56-1/2	.0846
12	.0390	27	.0585	42	.0730	57	.0850
12-1/2	.0398	27-1/2	.0591	42-1/2	.0734	57-1/2	.0854
13	.0406	28	.0596	43	.0738	58	.0857
13-1/2	.0414	28-1/2	.0601	43-1/2	.0743	58-1/2	.0861
14	.0421	29	.0606	44	.0747	59	.0865
14-1/2	.0429	29-1/2	.0611	44-1/2	.0751	59-1/2	.0869
15	.0436	30	.0617	45	.0755	60	.0872

PRESSURE MEASUREMENT (CONTINUED)

HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET
60-1/2	.0876	78-1/2	.0998	96-1/2	.1106	114-1/2	.1205
61	.0879	79	.1001	97	.1109	115	.1207
61-1/2	.0883	79-1/2	.1004	97-1/2	.1112	115-1/2	.1210
62	.0887	80	.1007	98	.1115	116	.1213
62-1/2	.0890	80-1/2	.1010	98-1/2	.1118	116-1/2	.1215
63	.0894	81	.1013	99	.1120	117	.1218
63-1/2	.0897	81-1/2	.1017	99-1/2	.1123	117-1/2	.1221
64	.0901	82	.1020	100	.1126	118	.1223
64-1/2	.0904	82-1/2	.1023	100-1/2	.1129	118-1/2	.1226
65	.0908	83	.1026	101	.1132	119	.1228
65-1/2	.0911	83-1/2	.1029	101-1/2	.1134	119-1/2	.1231
66	.0915	84	.1032	102	.1137	120	.1233
66-1/2	.0918	84-1/2	.1035	102-1/2	.1140	120-1/2	.1236
67	.0922	85	.1038	103	.1143	121	.1239
67-1/2	.0925	85-1/2	.1041	103-1/2	.1145	121-1/2	.1241
68	.0929	86	.1044	104	.1148	122	.1244
68-1/2	.0932	86-1/2	.1047	104-1/2	.1151	122-1/2	.1246
69	.0935	87	.1050	105	.1154	123	.1249
69-1/2	.0939	87-1/2	.1053	105-1/2	.1157	123-1/2	.1251
70	.0942	88	.1056	106	.1159	124	.1254
70-1/2	.0945	88-1/2	.1059	106-1/2	.1162	124-1/2	.1256
71	.0949	89	.1062	107	.1165	125	.1259
71-1/2	.0952	89-1/2	.1065	107-1/2	.1167	125-1/2	.1261
72	.0955	90	.1068	108	.1170	126	.1264
72-1/2	.0959	90-1/2	.1071	108-1/2	.1173	126-1/2	.1266
73	.0962	91	.1074	109	.1176	127	.1269
73-1/2	.0965	91-1/2	.1077	109-1/2	.1178	127-1/2	.1271
74	.0969	92	.1080	110	.1181	128	.1274
74-1/2	.0972	92-1/2	.1083	110-1/2	.1184	128-1/2	.1276
75	.0975	93	.1086	111	.1186	129	.1279
75-1/2	.0978	93-1/2	.1089	111-1/2	.1189	129-1/2	.1281
76	.0982	94	.1092	112	.1192	130	.1284
76-1/2	.0985	94-1/2	.1095	112-1/2	.1194	130-1/2	.1286
77	.0988	95	.1097	113	.1197	131	.1289
77-1/2	.0991	95-1/2	.1100	113-1/2	.1199	131-1/2	.1291
78	.0995	96	.1103	114	.1202	132	.1294
						132-1/2	.1296

OVERPOUR MEASUREMENT

Discharge in Cubic Feet per Second for Each Inch
in Length of Weir

All water measured by means of the weir overpour measurement shall be computed from the formula $Q=3.33 \times L \times H^3 \times 2$ for measurements in feet or $Q=.0066756 \times L \times H^3 \times 2$ for measurements in inches.

HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET	HEAD INS.	CUBIC FEET
1/2	.0024	18	.5098	35-1/2	1.4119	53	2.5754
1	.0067	18-1/2	.5312	36	1.4419	53-1/2	2.6122
1-1/2	.0123	19	.5529	36-1/2	1.4720	54	2.6489
2	.0189	19-1/2	.5748	37	1.5027	54-1/2	2.6856
2-1/2	.0264	20	.5971	37-1/2	1.5327	55	2.7230
3	.0347	20-1/2	.6196	38	1.5634	55-1/2	2.7604
3-1/2	.0437	21	.6424	38-1/2	1.5948	56	2.7977
4	.0534	21-1/2	.6655	39	1.6262	56-1/2	2.8351
4-1/2	.0637	22	.6889	39-1/2	1.6576	57	2.8725
5	.0746	22-1/2	.7123	40	1.6889	57-1/2	2.9106
5-1/2	.0861	23	.7363	40-1/2	1.7203	58	2.9486
6	.0981	23-1/2	.7604	41	1.7523	58-1/2	2.9867
6-1/2	.1106	24	.7851	41-1/2	1.7844	59	3.0254
7	.1236	24-1/2	.8098	42	1.8171	59-1/2	3.0641
7-1/2	.1371	25	.8345	42-1/2	1.8498	60	3.1028
8	.1511	25-1/2	.8598	43	1.8825	60-1/2	3.1415
8-1/2	.1654	26	.8852	43-1/2	1.9152	61	3.1803
9	.1802	26-1/2	.9106	44	1.9486	61-1/2	3.2196
9-1/2	.1955	27	.9366	44-1/2	1.9820	62	3.2590
10	.2111	27-1/2	.9626	45	2.0154	62-1/2	3.2984
10-1/2	.2271	28	.9893	45-1/2	2.0487	63	3.3378
11	.2435	28-1/2	1.0154	46	2.0828	63-1/2	3.3779
11-1/2	.2603	29	1.0427	46-1/2	2.1168	64	3.4179
12	.2775	29-1/2	1.0694	47	2.1509	64-1/2	3.4580
12-1/2	.2950	30	1.0968	47-1/2	2.1856	65	3.4980
13	.3129	30-1/2	1.1242	48	2.2203	65-1/2	3.5387
13-1/2	.3311	31	1.1522	48-1/2	2.2550	66	3.5795
14	.3497	31-1/2	1.1802	49	2.2897	66-1/2	3.6202
14-1/2	.3686	32	1.2083	49-1/2	2.3251	67	3.6609
15	.3878	32-1/2	1.2370	50	2.3605	67-1/2	3.7023
15-1/2	.4073	33	1.2657	51-1/2	2.3959	68	3.7430
16	.4272	33-1/2	1.2944	52	2.4313	68-1/2	3.7844
16-1/2	.4474	34	1.3238	52-1/2	2.4673	69	3.8265
17	.4679	34-1/2	1.3525	53	2.5034	69-1/2	3.8678
17-1/2	.4887	35	1.3825	53-1/2	2.5394	70	3.9099

REGULATIONS GOVERNING OPERATION OF CANAL AND DRAINAGE SYSTEM

OPERATION OF CANAL AND DRAINAGE SYSTEM:

Regulation No. 26

Control of System:

The maintenance and operation of the canals and laterals of the District shall be under the exclusive management and control of the Manager, Water Department, and no person except authorized employees of the District shall have any right to interfere with said canals or works in any manner

Regulation No. 27

Control of Structures and Delivery Gates:

The District shall have employees assigned to perform the water service duties of the District at all times, and it is essential to good service that none but assigned employees move or tamper with any part of any gate or structure in the canal system.

Under Section 592 of the Penal Code, it is a misdemeanor to take without authority water from or interfere with the flow in any canal or ditch. District employees, only, will be allowed to open delivery gates and they shall close the same as soon as the time allowed for irrigation has expired. Delivery gates will be furnished with locks when necessary, and the keys shall be in control of assigned District employees.

Water will be permitted to flow only upon the land of the water user making application and only for the time ordered. Water conservation measures allow a varied amount of flexible orders to be delivered to the water users through the District canal system. Closure of delivery gates in some cases may not coincide with water users request for water removal at the time desired. It will be the responsibility of the District and the water user to verify that the water run has been terminated and that the delivery gate is closed.

A penalty as set by the Board in the Water Rate Schedule will be charged for the unauthorized adjusting of delivery gates which results in a change in the amount of water being delivered.

Reg. No. 27 Revised 12/18/90

Regulation No. 28

Irrigation and Drainage Sections and Divisions:

In order that proper and uniform control may be exercised over irrigation and drainage service throughout the entire District, the Water Department is divided into five operating divisions consisting of the following: River, Western, Holtville, Southwest, and North Divisions. The divisions are under the supervision of the Manager, Water Department and Assistant Manager, through the General Superintendent Divisions.

Reg. No. 28 Revised 11/94

Regulation No. 29
Zanjero District:

In order to facilitate the distribution of water and patrol of the canal system and facilities, and in compliance with the Rules and Regulations, each division is divided into zanjero runs comprised of several canals and facilities. Each run serves a designated area and is under the control and care of the zanjero or hydrographer assigned to the various runs. Each zanjero or hydrographer is under the supervision of the division superintendents or Watermaster.

Regulation No. 30
Access to a Water User's Premises:

In order to carry on drainage investigations, make crop surveys, and to inspect the canals and drainage ditches or the flow of water therein, employees or agents of the District shall have free access at all times to lands irrigated from the canal system of the District.

Regulation No. 31
Rights-of-Way:

(A) Obstruction of Rights-of-Way

Rights-of-way for canals and drains provide reasonable access for operation and maintenance and shall not therefore, be obstructed by fences, trees or other vegetation, and/or used as a storage place for hay or other crops. The canal and drain banks shall not be plowed or dirt removed therefrom; neither shall they be used as levees for irrigation purposes, nor as a levee for a private ditch.

Dumping of trash, rubbish, garbage, etc., in District canals or drains, or on rights-of-way is strictly prohibited.

(B) Animals

Under Section 4454 of the Health and Safety Code, livestock must be kept out of canals and drains and away from the banks.

(C) Acquisition and Clearing in Connection with Construction of District Drains

1. Landowner's Responsibility

In connection with the construction, reconstruction and/or deepening of District drains the landowner will be required to furnish the rights-of-way of a width and location acceptable to the District.

2. District's Responsibility

The District will move or replace all existing facilities (any obstacle that would obstruct the construction, operation or maintenance of an open drain)

on land which is transferred to it as rights-of-way. In case of farm outlets or farm entrances of standard specified material the District will remove and replace at no cost to the landowner.

In lieu of moving buildings the District may install a limited amount of pipe. The size and length of such pipe shall be determined in accordance with requirements of the District at each installation.

Regulation No. 32

Surveys and Investigations:

(A) Surveys for Concrete Head Ditches

Landowners who contemplate installation of lined head ditches of any type, either new construction or the rebuilding of existing facilities, shall file an application with the District for a delivery investigation of the property concerned. This application shall state the maximum quantity of water desired, the location of head ditches to be lined, the type of lining to be used, the cross sectional area of ditch available for carrying water, and any other data required for making the delivery investigation.

Upon receipt of such an application, the District will make a field investigation and/or survey and, if necessary, will prepare a plat of such surveys from which will be determined the high-water elevation available to the landowner for his irrigation facilities. The District will set a permanent reference point to show the high water elevation and will furnish the landowner a copy of its survey plat, if any.

The District will not assume responsibility for the adequacy of design or satisfactory operation of privately constructed irrigation facilities, nor does it assume any liability for the accuracy or adequacy of its surveys performed in carrying out these investigations.

(B) Farm Drainage Investigations

The District will, upon receipt of a written application from a landowner, make the initial farm drainage investigation and recommendation on not less than 40 acres of either each nominal 160-acre parcel or each ownership where ownership is less than 160 acres. Where individual ownership is less than 40 acres (but greater than five acres) the farm drainage investigation will be made only on the entire ownership. The services performed by the District will consist of and be limited to the following:

1. Soil and water table investigation to determine the drainage installation to be recommended.
2. Ground surface profile for establishing tile drain and/or open drain outlet elevations into District drain.
3. Furnish the landowner and/or tile contractor with construction drawings showing recommended location, size, length, elevation and average depth of

tile line.

4. Determine location and provide elevation reference points for outlets into District drains.
5. Provide construction stakes for tile lines to be installed adjacent to District facilities when the number, location and elevation of lines are as recommended by the District.
6. Assist landowners in securing private rights-of-way, where such are required.

Any reinvestigation or other engineering work not included in the foregoing will be the responsibility of the individual landowner.

The District will make such investigation and recommendation in accordance with District's current practices; however, the District will not assume responsibility for the adequacy of design or the satisfactory operation of privately constructed drainage facilities.

(C) Canal and Lateral Seepage Investigations

Upon receipt of written request from a landowner and there appears to be excessive seepage from a canal or lateral, the District will make a seepage investigation to determine what corrective action is necessary.

Regulation No. 33

Water Salvage by Underground Recovery:

(A) Reason For

The hydrology of the Colorado River indicates that the future water supply may be inadequate to meet downstream requirements, which makes it imperative that the District, as well as all downstream diverters, make every effort to salvage and reuse all ground water of a suitable quality that can be feasibly recovered.

Under Section 22078 of the Water Code, State of California, cited on page 2 herein "A District may ...recapture and salvage any water... for the beneficial use or uses of the District..."

(B) Interceptor Drains

The District may install at its own expense underground pipeline interceptor drains where it is feasible to salvage underground seepage and drainage water of a suitable quality. Discharge from interceptor drains will be either pumped or delivered by suitable means by the District to the District's canal system at District expense.

(C) Vertical Drain Pumps

The District may install and operate at its own expense vertical drainage pumps

at such locations as are considered feasible to salvage underground water.

(D) Salvage Water

No distinction as concerns service charges shall be made between Colorado River water and salvaged water in the delivery of water from the District's canal system.

Regulation No. 34

Rearrangement and Concrete Lining and/or Exclusion of Irrigation Lateral Canals:

(A) General

In the interest of water conservation, improvement of operation and maintenance efficiencies, the control of hydrilla, and reduction of right-of-way requirements; the District may undertake the rearrangement and concrete lining of its irrigation lateral canals at no cost to the adjacent landowner except as set forth herein.

(B) Special Conditions

1. This regulation is applicable to any lateral canal irrespective of capacity and/or length insofar as it may qualify fully with paragraph "(A) General," above.
2. This regulation may apply to rearrangement of facilities where the District will continue to operate and maintain the same; and paragraph 5 will apply in those cases where the landowner proposes to assume operation and maintenance subsequent to said arrangement.
3. In those cases where additional earth fill material is necessary, the District will make arrangements with the adjacent landowner to acquire sufficient material to complete the project.
4. District will assume the full cost of replacing any existing District structures which would normally have required replacement. Replacement of any existing District facility which is occasioned by the necessity to relocate or realign the District lateral for the benefit of the landowner shall be the expense of the landowner.
5. In those cases where the canal to be concrete lined and/or rearranged is on the terminal end, and the landowner desires to take over the operation and maintenance of said facility and, as a consequence, further desires to contract and perform the work which falls within the scope of this regulation, the District will pay 100 percent of the cost of said work or an amount agreed upon which represents the District's appropriate share of the cost of said work, including tie-ins at each end, and will quitclaim to the landowner any rights-of-way for facilities abandoned by the District. Any additional features would be at the landowner's expense.
6. District will determine which works are to be performed directly by its forces or under contract with the District, and which works, if any, may be

performed by the landowner or his contractor.

(C) Procedure

1. The District will prepare a proposal, which will include an engineering cost analysis and feasibility study. Each proposal will be subject to approval by the Board of Directors.
2. Upon approval of any proposal, the District will prepare all necessary right-of-way deeds and agreements for execution by the landowner as may be required.
3. District will, insofar as its operating responsibilities permit, perform its work contemplated hereunder in reasonable conformity with a prearranged schedule, to insure a minimum of interference with both the District's and the landowner's operations.

Regulation No. 35

Farm Entrances:

Farm entrance crossings across District canals and drains may be constructed, operated and maintained by the landowners. Encroachment permits are required for all such private crossings and shall be properly executed before new installations are made. Construction and maintenance shall be in accordance with District's specifications and at the landowner's expense.

(A) Number Allowed

Normally, not more than one farm entrance for each .50 of a mile of canal or drain shall be permitted. However, the division of property lines of individual holdings, or operating procedures may require additional crossings.

(B) Specifications

Bridges or siphons necessary to provide a farm entrance shall be of a size and length specified by the District. The location shall be in accordance with (A) above and they shall be of standard material as specified by the District. All installations must provide a top width of at least 20 feet.

(C) Landowner's Responsibility

1. Where a New Canal or Drain is being Constructed

- (a) Any existing farm entrance will be replaced, at no expense to the landowner, where a new canal or drain is being constructed.
- (b) The landowner will be required to deposit the cost of material for any new or additional farm entrances to be installed during construction of a new canal or drain.

2. Where an Existing Canal or Drain is being Reconstructed and/or Deepened

In case of reconstruction and/or deepening of existing canals or drains, the District will replace all existing standard farm entrances. If the farm entrance is not of standard specified material, the landowner will be required to deposit the cost of material required to replace the existing farm entrance.

3. Additional Farm Entrances Across Existing Canals or Drains

If the landowner requests a new farm entrance across an existing canal or drain, the landowner will be required to pay for material and installation and sign an encroachment permit.

4. Replacement of Damaged or Hazardous Farm Entrances

The landowner will be responsible for all costs in connection with replacing farm entrances damaged, due to failure, or inadequacy or being washed out. (Through landowner's negligence.)

5. Maintenance of Farm Entrances

In all cases the landowner will be responsible for maintenance of farm entrances.

In case it becomes necessary for the District to remove a farm entrance due to failure, inadequacy or otherwise hazardous condition, the District may remove the farm entrance from the canal or drain and leave the material for the landowner.

(D) District's Responsibility

1. Where a New Canal or Drain is being Constructed

The District will be responsible for costs of farm entrances across new canals or drains where existing entrance roads are severed.

2. Where an Existing Canal or Drain is being Reconstructed and/or Deepened

The District will be responsible for replacement of existing standard farm entrances.

3. Additional Farm Entrances Across Existing Canals or Drains

The District will install across existing canals or drains additional farm entrances provided the landowner deposits an amount equal to material and installation costs, and signs an encroachment permit.

(E) Farm Entrances and Control Structures

1. Farm Entrance and Control Structure Combination

If the landowner requests a new farm entrance across an existing canal or drain at the location of a new control structure, the District will install the

structure and pay for the inlet and outlet structures. The landowner will pay for the cost of the pipe and sign an encroachment permit.

2. Maintenance of Farm Entrances

The District will maintain inlet and outlet structures, and the landowners will maintain the pipe.

Regulation No. 36

Use of Drains:

Persons desiring permission to empty water, sewage effluent, sewage, or any drainage whatsoever into drainage ditches of Imperial Irrigation District shall make written application to the Manager, Water Department.

(A) The Draining of Water

Drains may be used for the draining of water which may accumulate at the lower end of the field, but drains are not intended to serve as wasteways, storm channels, for sluicing of head ditches, or private laterals, wasting water at night, or other similar purposes.

Water from the land will be permitted to enter drains only through proper inlet structures, the size, type, and location of which shall be approved by, and installation made subject to, the approval of the Board of Directors. The maximum size of any field waste inlet into drains shall not exceed that of a 12-inch diameter pipe. Head ditch drains shall not exceed 4-inches in diameter.

Drainage inlets to District-operated drains will not be permitted at intervals of less than .25 mile, except where required by property lines of individual holdings.

In case inlet structures are not installed by the landowner within a reasonable time following request by the District, further delivery of water may be refused until an approved installation is made.

(B) For Disposal of Sewage Effluent or Industrial Waste

District's open drains may be used for disposal of sewage or industrial waste effluent only in conformance with laws and regulations of Imperial County and the various State and Federal agencies having jurisdiction over water quality control.

Federal, State and County agencies have certain requirements and conditions which must be met before permission to use a District drain will be granted.

In all such cases, a written report of conditions and/or recommendations will be furnished to the District by the County Health Department. The District will be the deciding agency as to whether a permit is to be granted. The District's drainage system is primarily designed for agricultural drainage and both the quantity and quality of sewage and industrial waste effluent may be restricted by

the District to prevent overloading the drainage system and/or damage to the drains and drainage structures.

Application for discharge of sewage or industrial waste effluent into District drains may be made at any District office on forms provided by the District for that purpose. Data pertaining to types of sewage disposal systems that meet the standard adopted by Imperial County Health Department are also available at all District offices.

Regulation No. 37

Deep Drains:

(A) Reason For

The District has undertaken development of a deep drainage system, which will provide facilities for one drainage outlet from each governmental subdivision of approximately 160 acres. The deep drains furnish outlets for lateral drains and provide facilities for outlet from land within the area in which they are constructed.

(B) How Constructed

1. Landowner's Responsibility

The landowner shall be required to furnish standard right-of-way 150 feet in width, without cost to the District, prior to start of construction. A deposit shall be made with the District prior to start of construction for cost of materials required for farm surface drain outlets.

In lieu of moving buildings affected by drain construction, the District may install a limited amount of pipe of a size and length to be determined by the District.

Requirements for buildings, farm surface drain outlets, and farm entrances, See No. 35 and No. 39.

2. District's Responsibility

The District will clear and grade right-of-way prior to, and after excavation, and will pay total costs of construction, and will assume responsibility for all future drain maintenance.

Requirements for farm surface drain outlets and farm entrances are outlined in No. 35 and No. 39.

Regulation No. 38

Lateral Drains:

(A) Reason For

The District will construct lateral drains as a part of the District's drainage system to provide a tile and/or surface drain outlet for each governmental subdivision of approximately 160 acres.

(B) New Construction

1. Landowner's Responsibility

The landowner shall be required to furnish standard right-of-way 80 feet in width prior to start of construction and without cost to District. However, additional right-of-way may be required due to greater depth of excavation to provide adequate outlet for tile and/or surface drain pipes. A deposit shall be made with the District prior to construction for cost of material plus the cost of drainage construction as determined by the Board of Directors in the Water Rate Schedule.

Requirements for buildings, farm surface drain outlets and farm entrances, see No. 35 and No. 39.

2. District's Responsibility

The District will clear and grade right-of-way prior to, and after excavation, and will pay difference in total cost of construction and the deposit made by the landowner, unless otherwise stated, and will assume responsibility for all future drain maintenance.

Requirements for farm surface drain outlets and farm entrances are outlined in No. 35 and No. 39.

(C) Reconstruction of Existing Drains

Existing open drains may be reconstructed by the District when, in the District's opinion, such reconstruction is the most feasible way to provide adequate outlet for private tile or open drainage, and sufficient right-of-way is available.

(D) Relocation of District Facilities Paralleling Roads

Relocation of facilities on District's canals, drains, or other facilities, to permit construction or reconstruction of County Roads shall be in accordance with Item "D," of resolution passed and adopted by Board of Directors on December 2, 1947, which states as follows:

"1. Any relocation of the District's canals, drains, or other facilities required to permit the construction or reconstruction of County roads will be entirely at the expense of the County, except that, whenever such

proposed relocations, as shown on plans previously submitted by the County to the District, and accepted by the District as being in conformity with its long-range program for reconstruction and betterment of facilities, the District will perform such work at its own expense."

(E) Deepening of Existing Drains

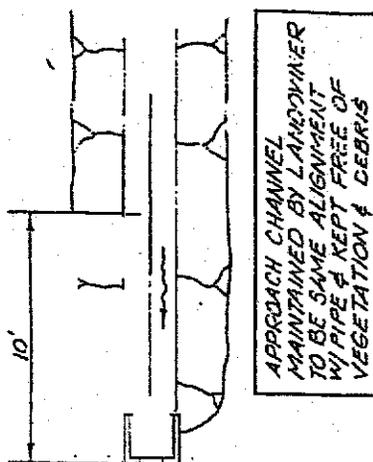
Existing drains may be deepened to provide tile outlets or adequate drainage when the existing location of a drain is satisfactory and the District has sufficient right-of-way.

(F) Moving Fences

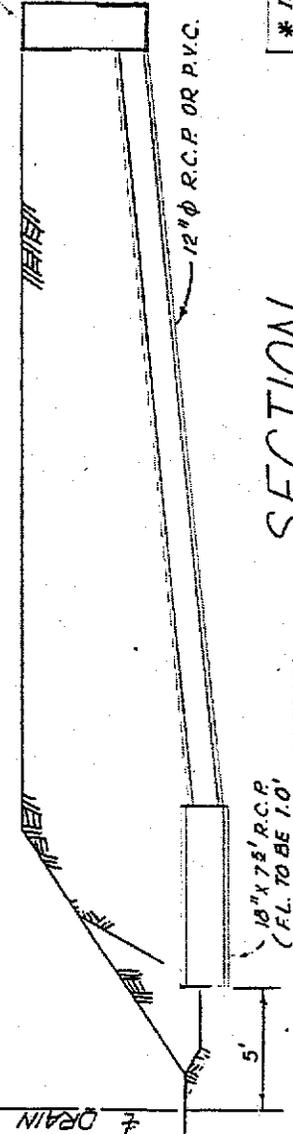
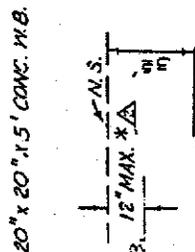
When it is necessary to have fences moved from right-of-way, or where all the right-of-way will not be occupied, fences may be moved to the toe of the spoil bank, leaving a minimum of unoccupied right-of-way between the fence and toe of spoil bank. Fences will be put back with existing material, unless landowner desires to furnish other materials, or, if the landowner wishes, the materials may be removed from the right-of-way and left for the landowner.

All structures that would interfere with construction should be removed from right-of-way, except for such structures where it would be more economical for the District to install a limited length of pipe in the drain in lieu of moving structures off right-of-way. The District will specify the diameter, type of pipe and maximum length that it will furnish. Landowner may furnish an additional length of pipe, which the District will install.

Surface drains and head ditches will be rebuilt, when required, in like conditions as existing ditches.



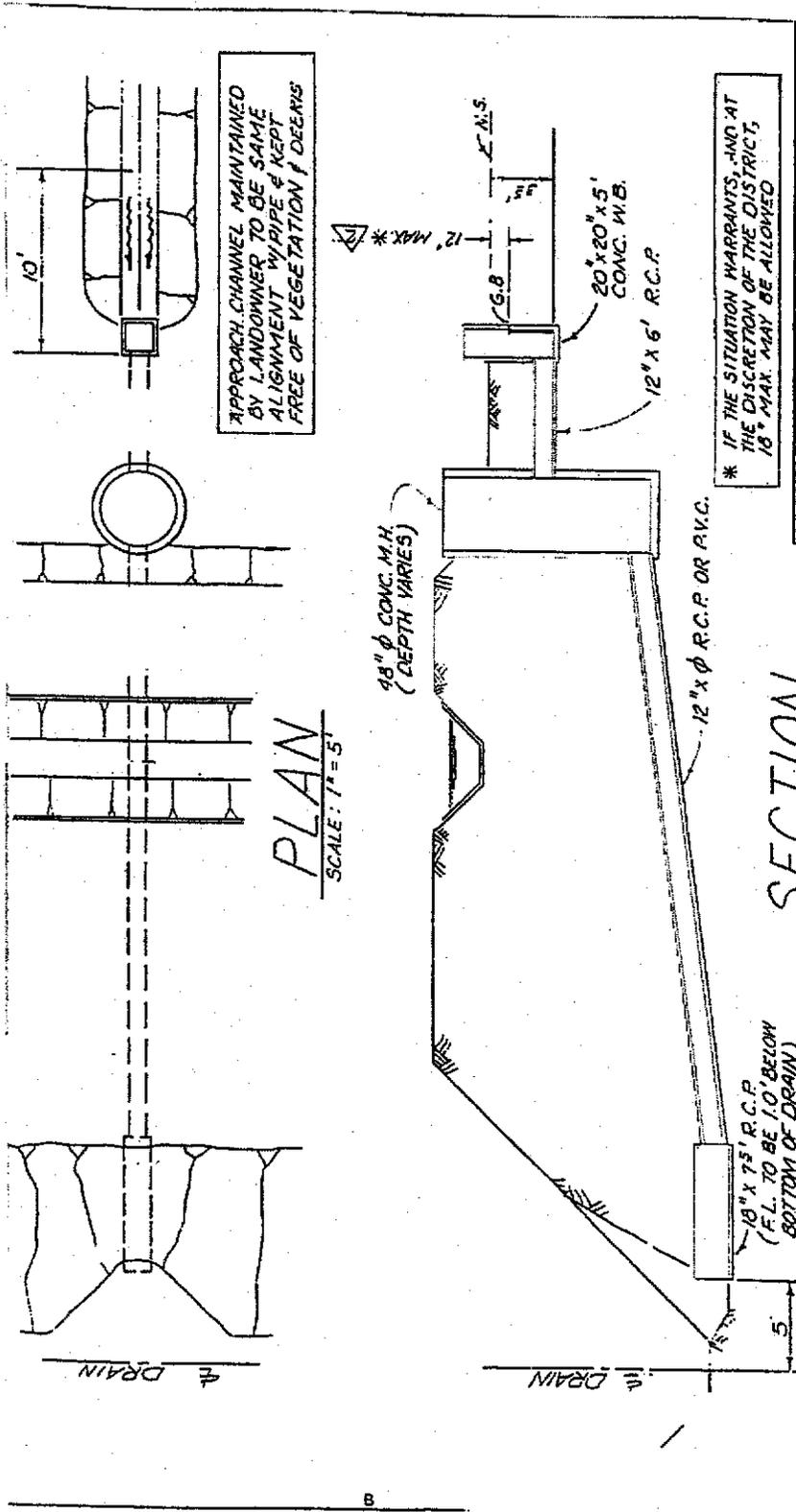
PLAN
SCALE: 1" = 4'-0"



SECTION
SCALE: 1" = 4'-0"

* IF THE SITUATION WARRANTS AND
AT THE DISCRETION OF THE DISTRICT,
18" MAX. MAY BE ALLOWED.

IMPERIAL IRRIGATION DISTRICT ENGINEERING DEPARTMENT IMPERIAL, CALIFORNIA		STANDARD TAILWATER STRUCTURE FOR OUTLET INTO DRAINS	
DATE: 7-12-84 DRAWN BY: D.D. CHECKED BY: S.C.B. APPROVED BY: [Signature] REPORT:	ISSUE 4 ISSUE 3 ISSUE 2 ISSUE 1	T. S. R. E.	REVISED 10-29-84 D.D. 7-12-84 D.D.
B.M. _____ Elev. _____		F. R. _____	
SH. 1 OF 2		DWG. NO. I.E.F. 0855	



APPROACH CHANNEL MAINTAINED BY LANDOWNER TO BE SAME ALIGNMENT W/PIPE & KEPT FREE OF VEGETATION & DEBRIS

* IF THE SITUATION WARRANTS, AND AT THE DISCRETION OF THE DISTRICT, 18" MAX. MAY BE ALLOWED

PLAN
SCALE: 1" = 5'

SECTION
SCALE: 1" = 5'

DESIGNED BY	DATE
DESIGNED BY D.D.	DATE 7-12-84
DESIGNED BY D.S.	
APPROVED BY	
APPROVED BY	

ISSUE 4	T. S.
ISSUE 3	R. E.
ISSUE 2	REVISED 10-23-84 D.D.
ISSUE 1	7-12-84 D.D.

B.M.	
Elev.	F.S.

IMPERIAL IRRIGATION DISTRICT
ENGINEERING DEPARTMENT
IMPERIAL, CALIFORNIA
STANDARD TAILWATER STRUCTURE
W/OULET INTO OTHER STRUCTURES
SH 2 OF 2
DWG. NO. 2F-655

Regulation No. 39

Agricultural Tailwater Structures:

(A) Purpose

It is the intent of this regulation to provide a District standard tailwater structure to serve primarily as a drainage structure while at the same time to facilitate the reasonably accurate measurement of the drainage discharge from each farmed unit.

(B) Location and Number Allowed:

(a) Number Allowed

Each farmed unit is entitled to one tailwater structure provided the District maintains facilities to accept the discharged water and there is no conflict with other portions of this regulation.

(b) Location of Tailwater Structures

Tailwater structures normally will be at intervals of not less than .25 mile, except where required by property lines of individual holdings.

(C) Standard Structure:

(a) Structure

All tailwater structures installed or replaced after December 1, 1984, must be certified by District to conform to size, length, depth, elevation of grade board, etc. as shown on District Dwg. #12F-6855 "Standard Tailwater Structure Installation."

(b) Approach Channel

An approach channel will be maintained perpendicular to face of tailwater structure, free of vegetation and debris. The maintained approach channel shall be a minimum of 10 feet in length from the face of the tailwater structure and the minimum bottom width shall be 24 inches.

(D) Additional Field Structures:

The water user may see it necessary to install additional field structures such as those to provide water elevation or trash control. Structures of this type may be installed no closer than five feet upstream of the certified standard structure.

(E) Landowner's Responsibility:

(a) Installing New Tailwater Structures

1. Construction of New District Drains

The landowner will deposit with the District, prior to construction, the cost of material for a tailwater structure to be installed during construction of a new drain.

2. Existing District Drains

If the landowner requests a new tailwater structure to discharge into an existing District drain, he will deposit with the District, in advance, the cost of material and installation.

(b) Replacing Existing Tailwater Structures

1. Damaged Tailwater Structures

The landowner will be responsible for all costs in connection with replacing tailwater structures damaged, washed out or otherwise defective, caused in whole or in part by landowner's use and/or operations.

The landowner will be responsible for material cost when replacing existing tailwater structures only when it becomes necessary due to pipe deterioration or failure that is not caused by abuse of the water user.

2. Reconstruction and/or Deepening of Existing District Drains

If the reconstruction and/or deepening of an existing District drain necessitates the replacement of a tailwater structure which is not standard, the landowner will be required to deposit the cost of material required to replace the existing tailwater structure.

(c) Maintenance

It is the responsibility of each water user to maintain a tailwater structure and approach channel in acceptable condition, in order to qualify for delivery of water. An acceptable structure shall have vertical walls and a permanent, level grade board set a maximum of 12 inches below the natural surface. If the situation warrants, and at the discretion of the District, 18 inches maximum may be allowed.

(F) District Responsibility:

(a) Installing New Tailwater Structures

1. Construction of New District Drains

The District will be responsible for installation costs of tailwater structures discharging into new drains.

2. Existing District Drains

The District shall install tailwater structures discharging into existing District drains, provided the landowner deposits an amount equal to material and installation costs.

(b) Replacing Existing Tailwater Structures

1. Damaged Tailwater Structures

The District shall be responsible for installation cost when replacing existing tailwater structures only when it becomes necessary due to pipe deterioration or failure, that is not caused by abuse by the water user.

2. Reconstruction and/or Deepening of Existing District Drains

In the case of reconstruction and/or deepening of existing IID drains, the District shall replace all existing standard tailwater structures.

(c) Maintenance

The District shall assume responsibility for normal drain maintenance. However, cleaning of drains caused by washouts due to the landowner's operations will be at the landowner's expense.

Regulation No. 40
Tile Drainage

(A) Reasons For

The District's Drainage system will provide an outlet for private tile drainage installed in accordance with District's recommendations.

Recommendations of the District shall be based on tile grids normally providing a minimum tile depth of six (6) feet, with .001 grade slope. However, as an exception, where field grades are unfavorable, a minimum tile depth of five (5) to six (6) feet, with .001 grade slope, may be recommended for not over 15 percent of the acreage served by an individual tile grid.

(B) Tile Drainage Pumps

The District will install, operate and maintain a sump and pump for the outlet of tile grids where a gravity outlet is not considered feasible or in the best interest of the District, subject to other provisions of this regulation.

Landowner shall furnish adequate rights-of-way and be responsible for any damage to the sump or pump caused by the landowner's operations.

If the District should provide a gravity drain outlet in lieu of an existing sump pump, the District will connect the landowner's tile to the gravity drain.

The landowner shall be responsible for pumping excessive sump drainage

above that required for normal irrigation. The landowner may install a temporary additional pump, such installation to be made according to District's specifications; or the landowner may request the District to install a temporary additional sump pump, at landowner's cost, during a sub-irrigation or leaching operation.

(C) Deep Tile Sumps

Landowners desiring tile installed at a greater depth than recommended by the District and qualifying for a standard depth tile drain sump pump under "B" above, shall pay the difference in District cost for a standard sump of the recommended depth and a deeper sump and pump, adequate to serve the deeper tile. District will operate and maintain the deeper sump at District cost.

(D) Existing District Sump

Where the District has an existing sump and pump in operation, providing for a minimum tile depth of six (6) feet, on a .001 grade (refer to Item "A"), and the landowner desires additional tile depth, the landowner will pay the total cost for District replacing sump facility to greater depth, less salvage value of existing sump and pumps. The District will operate and maintain the deep sump.

(E) Deep Sump in Lieu of Gravity Outlet

Where the District is maintaining its drainage system to provide a gravity outlet for minimum depth of six (6) feet on a .001 grade, for proposed or existing standard tile grid (covered under Item "A"), and the landowner desires additional tile depth than that recommended by District, the landowner will pay total cost of District installation of sump and pumps and pay all costs of power line construction and electrical facilities to put sump in operation.

The District will assume operation and maintenance of this facility under District's Rules and Regulations.

(F) Existing Private Tile Drainage Sumps

The District will, upon landowner's request and execution of a recordable agreement, take over maintenance and operation of private agricultural tile drain sumps existing on the date of adoption of this Regulation, subject to the following conditions:

1. It shall be the responsibility of the landowner to pay the total cost of work the District deems necessary to bring the existing private installation to District standards.
2. The landowner shall furnish, at no cost to the District, adequate rights-of-way for the sump and discharge facilities.
3. The landowner shall, where applicable, maintain at no cost to District, a private facility for transporting the discharge of the sump to a District drainage facility.

Regulation No. 41

Pump Outlets for Tile Drains Under Salton Sea Classification:

(A) Reason for

In some instances the water surface elevation of Salton Sea impairs or prevents gravity drainage of tile drain water from various lands within the boundaries of Imperial Irrigation District. These lands become unsuitable for farming without a subsurface drainage pump outlet.

(B) How Constructed

When it is considered economically feasible and in the best interests of District, a pump outlet for tile drain water will be installed by the District, subject to amortization of cost by revenue from the land served. Each case will be considered separately, and in each instance where an installation is provided, a recordable agreement shall be executed by the landowner.

(C) District's Responsibility

Pump outlets shall be provided under the above terms without increasing any legal responsibility not theretofore existing on the part of the District. Pump outlets provided on such other and further terms and conditions as the Board may from time to time determine to be appropriate shall in all cases preserve in full all existing and future rights, defenses and other matters now or thereafter existing, directly or indirectly, in favor of Imperial Irrigation District.

Regulation No. 42

Pipeline Drains:

(A) Reason for

Pipelining of existing open drains or construction of a new pipeline drain may be requested by the landowners affected by such drainage in lieu of open drains to provide outlet for surface and subsurface drainage.

(B) How Constructed - New Drain Construction

1. Landowner's Responsibility

Landowner shall furnish the District a right-of-way 40 feet in width for construction, operation, and maintenance of the pipeline drain and shall pay all costs excepting that paid by the District as set forth in Item (B) 2. of this Regulation. Landowner shall assume responsibility for any land leveling operations required after pipeline has been installed.

2. District's Responsibility

The District will contribute to the cost of constructing a new pipeline drain an amount equal to the District's share of the cost for constructing a new open drain at the same location. In addition, the District will arrange for

construction of the pipeline drain, clear rights-of-way, construct manholes, and connect pipeline drain to existing District and private drainage facilities, in accordance with Regulation No. 39.

(C) How Constructed - Pipeline for Existing Open Drains

1. Landowner's Responsibility

The landowner shall furnish the District a right-of-way 40 feet in width for construction, operation and maintenance of the pipeline drain and shall pay all costs except work performed by the District as set forth in Item (C) 2. of this Regulation.

Landowner shall assume responsibility for land leveling operations required after pipeline has been installed and back filling operations by District as set forth in Item (C) 2. of this Regulation have been completed.

2. District's Responsibility

District will arrange for construction of pipeline, clear rights-of-way, construct manholes, and connect pipeline drain to existing District and private drainage facilities, in accordance with Regulation No. 38. Pipeline construction and materials used shall be in accordance with District specifications. The District will operate and maintain said pipeline drain upon completion. District will return to landowner any existing rights-of-way of record for portion of open drain replaced by pipeline drain.

District will backfill open drain to the extent of the material available in the existing spoil banks above the surrounding natural ground surface.

Regulation No. 43

Reconstruction and/or Deepening of Existing Drains:

(A) Reason for

When necessary to provide an outlet for open or tile drains the District will reconstruct and/or deepen existing drains.

(B) How Constructed

1. Landowner's Responsibility

The landowner will be required to furnish any additional right-of-way needed, and to deposit with the District the cost of material required for surface drain outlets, provided that existing outlets are not standard.

2. District's Responsibility

The District will clear the right-of-way, replace all standard installations and/or install new installations with materials furnished by the District and paid for by the landowner, and pay the other costs of reconstruction and/or

deepening and assume future drain maintenance.

Regulation No. 44

Types of Material to be Used on Tile Drains:

Materials used for tile drainage outlets shall meet specifications set by the District for such installations.

Landowners or their contractors shall notify the District prior to installation of any tile drainage outlet into a District's drain or sump and shall have District's approval for such installation.

Regulation No. 45

Tailwater Assessment and Delivery Adjustment to Conserve Water:

(A) Reason for

The District will levy assessments against excess surface field discharge water as a means of control. The following rules have been established as a means of measuring excess tailwater and levying the assessment.

(B) Rules Established

1. An inventory of surface field discharge water will be taken daily and an assessment shall be levied against all discharges which equal 15 percent or more of the water being delivered and measurement thereof shall have been taken on two successive occasions not less than nine hours apart in a 24-hour period. The term assessment used herein shall mean the quantity of water charged (in second feet and reduced to acre-feet, times the scheduled water rate) multiplied by 3 for the day in which the measurements were taken.

Should it become necessary to levy assessments against surface field discharge measuring 15 percent or more on subsequent irrigation runs for any one (1) delivery gate in a calendar quarter, each successive assessment multiplier shall be increased by one (1); i.e., 4, 5, etc. The successive assessment multiplier shall not apply during the time ground is being irrigated for seed germination purposes. Immediately following stand establishment, the successive assessment multiplier shall be increased as indicated and shall apply to the land on which water is being used in the same manner as any other land receiving water.

2. When a first measurement shows more tailwater than is allowable for that irrigation, a reasonable attempt shall be made to notify the water user, normally by telephone. Notification by mail of an assessment or penalty will be made within 5 normal working days.
3. Application of the assessment charge shall apply on the same basis to all types of irrigation (including the use of water ordered for mulching purposes with proper notice), with the following exceptions:

- (a) The percentage of surface runoff allowed when water is being used to irrigate plowed or flat unseeded ground shall be 5 percent for the last day of said irrigation; no measurable waste shall be allowed for any previous day.
 - (b) When water is being run in furrows to germinate crop seeds and to establish a stand, no assessment charge shall be made unless one of the two consecutive measurements showing 15 percent or more runoff is made between 12:00 noon and 6:00 p.m.
4. In the event a water user is receiving more than his confirmed order, said surplus shall be subtracted from surface runoff for the purpose of determining if his runoff is excessive.
5. In no event shall any water user be assessed unless his runoff exceeds the allowable percentage of his order irrespective of the quantity of water the user is receiving.
6. Any surface runoff measurement made within 4 hours after the District has reduced the quantity of water delivered shall apply to the order in effect before said change.
7. The application of an assessment charge based on waste measured after the delivery gate is closed shall apply on the same basis as when water was actually running. Any assessment made after the gate is closed shall be based on the order last running.
8. If a water user feels that an assessment or penalty has been applied in error, he should immediately contact the Division Superintendent to specify his reasons. A water user may appeal an assessment or penalty within 30 days by notifying the District in writing of the disputed tailwater assessment. The Chairman of the Water Conservation Advisory Board shall appoint three members of the Board to serve as a committee to hear the appeal. The decision of the Tailwater Assessment Appeal Committee shall be final.
9. Changes can be made without charge for a run by notifying the District not later than 4:30 p.m. of the preceding day. Later changes will be accommodated, with charge, but cannot be guaranteed.
10. When a water user requests an adjustment in the quantity of water delivered, the District shall be obliged to honor the same if it is within the ability of the District's system to accommodate such a request, and if the water user notifies the zanjero in advance of beginning his daily run. The zanjero of said run shall obtain approval to make said change from his respective superior or section.
11. An adjustment in the water order may be made to apply to the last 12 hours of the water run, provided that the District is notified in advance, but not later than 3:00 p.m. preceding the time the order is changed. The District may honor changes until 4:00 p.m. if it does not disrupt service to other water

users.

12. Finish heads can be ordered up to 3:00 p.m. of the day preceding the day of delivery.
13. Routine canal cutouts shall be accomplished no more frequently than once every 8 weeks, except when special circumstances require more frequent cutouts.
14. With advance notice, water may be delivered or cut out, off-schedule when and wherever possible, if it does not interfere with service to other water users.

Reg. No. 45 Revised 11/94

Regulation No. 46
Industrial Tailwater Assessment:

(A) Reason for

The District will levy assessments against excess discharge water from industries as a means of control.

(B) Limits

The limits set for water discharged from industrial facilities are percent of the total volume of water received within a billing period and the maximum allowable flow rate shall be 10 percent of the maximum flow rate of the water received but shall not exceed 672 gallons per minute (1.5 cfs).

(C) Customers Responsibility

All discharge facilities of any industry should be installed with meters to record the discharge flow rate and volume at their cost and to District specifications. Access to meters must be made available to District personnel.

(D) Assessment

If the discharge is not controlled within the limits set, an assessment will be charged at three (3) times the industrial rate for excess water discharged into the District drain as established by the Board of Directors in the Water Rate Schedule.

**Rules and Regulations Governing
Distribution and Use of Water**

**Regulation No. 47
Encroachment Permits**

- A. **Reason for Regulation:** A need exists to minimize, to the extent possible, public access from urban and commercial development adjoining and in the vicinity of IID right-of-way and facilities. Conditions on encroachments and communication of our concern to land use permitting agencies are methods of addressing this problem.
- B. **Conditions and Requirements**
1. IID will require, at the expense of the applicant, a minimum of a six-foot high chain link fence within the encroachment adjacent to open canals, open drains, or other facilities as required.
 2. Encroachments will not be allowed to interfere or adversely impact IID operations and maintenance activities. Maintenance of the fence will be the responsibility of the permittee.
 3. IID will recommend and work with all land use permitting agencies in the adoption of ordinances or other regulations incorporating the same or similar requirements when new developments are proposed parallel and adjacent to IID right-of-way and facilities.

**Regulation No. 48
12-Hour Runs**

Scope of Program

The 12-hour run will be available for all crops within the Imperial Irrigation District service area. All orders will be limited to a maximum of 7 cfs. Orders may be placed for multiple day 12-hour sequences or in 12-hour increments with 24-hour runs.

Definition

Twelve-hour run refers to the 12-hour period immediately following the normal turn time of each delivery (morning run). Twelve-hour runs may also be scheduled for the last 12 hours of the water day (afternoon run), which will be scheduled to coincide with normal A.M. turn time.

1. **Water Rate Schedule No. 1, General Agricultural, Municipal and Miscellaneous Service, will apply for all 12-hour runs.**
2. **In the event additional time is required and the water is available, a prorated charge for each additional hour will apply. The Division must be notified four (4) hours in advance whenever additional time is required.**

3. Orders must be placed prior to 12:00 noon the preceding day for the morning run. Orders may be placed before 12:00 noon of the same day for the afternoon run.
4. Confirmation of delivery for the morning run will be made between 3:00 p.m. and 5:00 p.m. of the previous day.

Confirmation of delivery for the afternoon run may be made between 1:00 p.m. and 3:00 p.m. of the day ordered.
5. Carryovers will apply to 12-hour runs based on the same criteria used for 24-hour orders.
6. In the event the water is being discharged from the head ditch directly into a drain, an assessment of two (2) times the rate, in addition to a regular water charge, will apply and the total order will be removed from the delivery and returned to the system.
7. If the water user closes the gate prior to the full 12-hour run without authorization, a penalty of \$100 and a charge of two (2) times the rate, in addition to a regular water charge, will apply.
8. When a water user requests his order be reduced or removed prior to the full 12-hour run, notification must be made at least two (2) hours in advance. Charges will be based on a full 12-hour run.
9. Water shall remain on the original gate it was ordered for, unless prior arrangements are made.

Reg. 48 Revised 11/94

Regulation No. 49
Rights-of-Way for Water Conservation Projects

A. Reason for Regulation

With the execution of an agreement to accomplish extensive water conservation projects over the next several years, a formal policy is necessary to continue the District's practice of utilizing prescriptive rights-of-way for existing unlined canals to concrete line or pipeline these facilities. Landowners adjacent to these conservation projects, will continue to be requested to sign rights-of-way easements for these projects.

B. Conditions and Requirements

1. Existing prescriptive rights-of-way are essential for continuation of District operations.
2. Land requirements for water delivery facilities may be reduced with those lands available for farming.
3. Water conservation projects will substantially reduce or eliminate seepage

on adjacent lands.

4. Less problems are anticipated with weed control, dust and other maintenance activities.
5. Earth fill for construction of concrete lining canals will be utilized from the existing occupied rights-of-way without monetary compensation to the underlying landowner.

Any additional earth fill required will be obtained from non-agricultural sources such as excess material from existing District rights-of-way, District owned lands, and permitted borrow areas on other public lands unless borrow from agricultural land is determined to be to the mutual benefit of the farmer and the District.

Reg. No. 49 Revised 8/7/90

Regulation No. 50

Assessment for Direct Discharge into Drain

A. Reason for Regulation

A 12-hour run has been established to offer water users the opportunity to return their order into the District system. The purpose of this regulation is to encourage water users to maximize utilization of the program.

B. Conditions and Requirements

Water ordered for 24 hours shall be subject to the following:

No water shall be discharged directly from a head ditch to the drainage system while the delivery gate is open.

If any water is discharging into the drainage system through a ditch connecting the head ditch to the tailwater box, the District will apply an assessment charge equal to two times the normal rate in addition to the regular charge for all water received that day.

In the event water is being discharged through a head ditch weep pipe, while the delivery gate is open, an assessment charge will be applied. The only exception to this rule is when a pump is being utilized to irrigate. In this case, a small amount of water may be spilled through a four-inch diameter weep pipe to prevent overtopping of the water user's ditch.

Regulation No. 51

Pipelining Laterals and Canals

A. Reason for

Pipelining of existing open laterals and canals or construction of new irrigation pipelines may be requested by affected landowners or other interested parties. Reasons for such actions may include development of adjacent land, aesthetics,

land value enhancement, etc.

B. Definition of

A pipeline shall be considered such if the total length of reconstruction is 150 feet or greater in length. Reconstruction of District facilities in a pipeline less than 150 feet in length shall be considered a private crossing and shall fall within the guidelines of Regulation No. 35 - Farm Entrances.

C. How Constructed - Pipelining of Existing Open lateral/Canals

1. Landowner's Responsibility

The landowner shall furnish the District a right-of-way 40 feet in width for construction, operation and maintenance of the irrigation pipeline and shall pay 25 percent of all costs associated with the project.

Landowner shall assume responsibility for any final grading operations required after pipeline has been installed and backfilled by District as set forth in Item C 2.

2. District's Responsibility

District will design and arrange for construction of pipeline, clear rights-of-way, construct manholes, and connect irrigation pipelines to existing District and private irrigation facilities in accordance with Regulation No. 12. District shall pay 75 percent of all costs associated with pipelining existing canals. Funding for District share of the cost of pipelining will be available from interest generated by the IID/MWD indirect fund only, except that funds may be available from the IID/MWD Conservation Agreement as noted below. The amount available for pipelining will be equal to one-half of all interest per Resolution 20-92. Pipeline construction and materials used shall be in accordance with District specifications. The District will operate and maintain said irrigation pipeline upon completion. District will return to landowner any existing rights-of-way of record for portion of open lateral/canal replaced by pipeline.

District will backfill pipeline to the extent of the material available in the existing spoil banks above the surrounding natural ground surface. The backfill will not be compacted unless landowner requires it and pays the additional cost.

Water Conservation Funds provided by IID/MWD Water Conservation Program may be used to offset a portion of the District costs of pipelining unlined laterals/canals to the extent of the estimated cost for concrete lining the same lateral/canal.

Regulation No. 52

Guidelines for Acquisition of Fill Material for all IID Projects

The purpose of this regulation is to establish general guidelines for obtaining fill material to be utilized for all IID projects, including those projects under the IID/MWD Water Conservation Agreement, at the least possible cost and in following with IID's past practices and procedures.

1. IID will make every effort to contact the landowner(s), of the property in question, regarding the need to acquire a required amount of fill material. Once an agreement is reached between IID and the landowner(s), a contractual agreement, defining the terms and conditions will be prepared and executed. Any payments for fill material will be paid to the landowner(s) at a negotiated rate per in-place cubic yard and will include, if appropriate, costs for any crop damage incurred due to the removal of fill material.
2. IID will exercise their rights under right-of-way deeds and include in their negotiations the value of any flood control or other improvements that may result as a result of the removal of fill material. In addition, recognition will be given in the negotiations to fill material which is obtained as surplus from other dirt removal activities on the land.
3. Fill material may be obtained on an emergency basis and those landowner(s), of the property in question, will be notified as soon as possible to conduct negotiations pursuant to 1. and 2. above.
4. Fill material may be taken from the All-American Canal pending the processing of a request to do so with the Bureau of Reclamation.
5. Fill material may be obtained from IID owned property. The Board members will be notified at the most practicable time of plans to use fill material from IID owned property.
6. In order to assure that the least cost alternative is used for the fill material in each instance, IID will also explore other alternatives for obtaining the dirt including purchasing land to be used as a borrow pit and developing contractor import contracts.
7. Any claims resulting from obtaining fill material for the IID projects shall be processed in accordance with IID's normal rules and regulations regarding claims.

Reg. No. 52 Rev./Aprvd/08/15/91

Regulation No. 53

Non-Crop Irrigation Demand Reduction Program

It is the intent of this Program to conserve water by placing a limit on the length of time water may be applied to flood lands not seeded for a crop.

Does not apply to: Duck Clubs, flooding by sprinklers or special purpose leaching as described in Regulation No. 20 requiring approval of an application for service.

RULE 1

A time limit of 0.9 hour per acre rounded to the nearest 12-hour period shall be applied

to all flood heads. The minimum time period applied will be 48 hours.

PENALTIES

- A. A penalty consisting of double the normal charge for all water delivered in excess of that allowed in No. 1 above.
- B. Item 3 of Regulation No. 45 (Tailwater Assessment Rules) applies to all flood heads.

EXCEPTIONS

Penalty A above shall not apply to the following special circumstances:

Physical conditions do not allow water to be applied in large enough flow rate to meet guidelines.

For water control purposes water order may be reduced and an additional 24 hours may be allowed.

Other special circumstances approved by the Division Superintendent.

RULE 2

No double flat flooding will be allowed except in special circumstances, which can be discussed with the division superintendents.

PENALTIES

The same limits and penalties apply to the second flooding as in No. 1 above.

EXCEPTIONS

Double flat flooding may be allowed in the case of extreme moisture depletion from sandy soils prior to planting.

EXECUTION

The superintendent of each operating division shall be responsible to carry out the program rules and all requests for exceptions shall be made to them.

APPEALS

Any penalty may be appealed, in writing, to the Water Conservation Advisory Board (WCAB) Special Committee.

EFFECTIVE DATE

Program to start May 1, 1991, and be in effect for one year unless the Board determines otherwise.

Regulation No. 54
Interceptor Orders

Scope of Program

Interceptor orders will be available for all crops within the Imperial Irrigation District interceptor system service areas.

Definition

Interceptor orders refer to orders placed to run within the laterals in the following systems:

Plum-Oasis Lateral Interceptor – Plum Lateral through Oasis Lateral
Mulberry-D Lateral Interceptor – Mulberry Lateral through D Lateral
Trifolium Lateral Interceptor – Spruce Lateral 6 through Trifolium Lateral 12

Conditions and Requirements

1. **Under Regulation No. 7 – Rate Schedules, Water Rate Schedule No. 1, General Agricultural, Municipal and Miscellaneous Service, will apply for all interceptor orders.**
2. **Regulation No. 8 - Instructions for Ordering of Water applies to all interceptor orders.**
3. **Water will be turned at regular a.m. or p.m. turn time. Regulation No. 48 – 12-Hour Runs does not apply within the interceptor.**
4. **All orders of 7 cfs or less will be charged a minimum of 12 hours. When an order runs longer than 12 hours it will be prorated and charged for actual time run.**
5. **All orders greater than 7 cfs will be charged a minimum of 19 hours. If an order runs longer than 19 hours it will be prorated and charged for actual time run.**
6. **All gate adjustments will be made by IID personnel.)**
7. **Water users must request a shut off order or a decrease of any amount at least three (3) hours before any desired change time other than the regular turn time.**
8. **Water users may request an increase in order with three (3) hours notice if capacity is not a problem and if water is available.)**
9. **All order adjustments are subject to water availability, canal capacity and availability of IID personnel to make adjustments.**
10. **In the event additional time is required and the water is available, a prorated charge for each additional hour will apply. The Division must be notified three (3) hours in advance whenever additional time is required.**
11. **In the event the water is being discharged from the head ditch directly into a**

drain, an assessment of two (2) times the rate, in addition to a regular water charge, will apply and the total order will be removed from the delivery and returned to the system.

12. Interceptor orders may be placed for multiple day sequences.
13. If the water user closes the gate prior to the full interceptor order without authorization, a penalty of \$100 and a charge of two (2) times the rate, in addition to a regular water charge, will apply.
14. Water shall remain on the original gate it was ordered for, unless prior arrangements are made.

Reg. No. 54 - New 04/01