VENTURA COUNTY WATERWORKS DISTRICTS

RULES AND REGULATIONS

DISTRICTS NO. 1,16,17,19

VENTURA COUNTY WATERWORKS DISTRICTS

RULES AND REGULATIONS

TABLE OF CONTENTS

PART 1 - GENERAL CONDITIONS AND RULES 5

PART 1 - SECTION A - RULES FOR DEFINITION OF TERMS 5

PART 1 - SECTION B - SERVICE AREA MAPS AND LEGAL DESCRIPTIONS 8

PART 1 – SECTION C – DESCRIPTION OF SERVICE 8

PART 1 - SECTION D - APPLICATION FOR SERVICE 9

PART 1 - SECTION E - CONTRACTS 10

PART 1 - SECTION F - SPECIAL INFORMATION REQUIRED ON FORMS FOR CUSTOMERS' WATER BILLS 10

PART 1 - SECTION G - NOTICES 11

PART 1 - SECTION H - SERVICE RULES 11

PART 1 - SECTION I - CAPITAL IMPROVEMENT CHARGES 25

PART 1 - SECTION J - LOCAL SYSTEM CHARGE 27

PART 1 - SECTION K - WATER SHORTAGES 28

PART 1 - SECTION L – PERMANENT WATER CONSERVATION MEASURES: 33

PART 2 - RATE SCHEDULES AND SERVICE CHARGES FOR USE OF WATER 38

PART 2 - SECTION A - WATER USE - DOMESTIC, INDUSTRIAL AND AGRICULTURAL 38

PART 2 - SECTION B - WATER RATES FOR MISCELLANEOUS SERVICES 57

PART 3 - SCHEDULE OF RATES AND CHARGES FOR CONSTRUCTION SERVICE 60

PART 3 - SECTION A - TYPES OF CHARGES 60

PART 4 - STANDARD PLAN NOTES FOR THE CONSTRUCTION OF WATER SYSTEMS OR IMPROVEMENTS WITHIN COUNTY WATERWORKS DISTRICTS 65

PART 5 – OVERSIZING AND REIMBURSEMENT AGREEMENTS 88

PART 5 – SECTION A - OVERSIZING AND REIMBURSEMENT AGREEMENTS 88

PART 6 - OPERATION AND MAINTENANCE OF RECYCLED WATER DISTRIBUTION SYSTEM (MOORPARK) 90

PART 6 - SECTION A - VENTURA COUNTY WATERWORKS DISTRICT NO. 1 (DISTRICT)..... 90

PART 6 - SECTION B - DEFINITIONS OF TERMS..... 90

PART 6 - SECTION C - DESCRIPTION OF SERVICE 93

PART 6 - SECTION D - COMMENCEMENT OF SERVICE 94

PART 6 - SECTION E - CONDITIONS OF SERVICE..... 96

PART 6 - SECTION F - EXTENSION OF FACILITIES 98

PART 6 - SECTION G - CONTINUATION OF SERVICE 100

PART 6 - SECTION H - PROTECTIVE MEASURES 103

PART 6 - SECTION I - SANCTIONS 105

PART 7 - OPERATION AND MAINTENANCE OF SEWAGE COLLECTION SYSTEM - (MOORPARK) 106

PART 7 - SECTION A - VENTURA COUNTY WATERWORKS DISTRICT NO. 1 (MOORPARK) 106

PART 7 - SECTION B - DEFINITION OF TERMS 106

PART 7 - SECTION C - GENERAL 108

PART 7 - SECTION D - ENFORCEMENT 115

PART 7 - SECTION E - MISCELLANEOUS PROVISIONS..... 117

PART 8 – DELETED..... 119

PART 9 - STANDARD CRITERIA FOR THE PREPARATION AND PROCESSING OF PLANS AND ALL SUPPLEMENTAL DOCUMENTS FOR WATER AND SEWER SYSTEM IMPROVEMENTS UNDER THE JURISDICTION OF VENTURA COUNTY WATERWORKS DISTRICTS NO. 1, 16, 17 & 19 120

PART 9 - SECTION A - GENERAL..... 120

PART 9 - SECTION B - WATER SYSTEMS FOR DEVELOPMENTS WITHIN THE DISTRICT WHICH ARE NOT IN AN IMPROVEMENT ZONE..... 120

PART 9 - SECTION C - WATER SYSTEMS FOR DEVELOPMENTS WITHIN AN IMPROVEMENT ZONE 125

PART 9 - SECTION D - PLAN CHECK FEES FOR DISTRICT WATER AND SEWER SYSTEM IMPROVEMENTS..... 126

PART 9 - SECTION E - CONSTRUCTION INSPECTION FEES FOR DISTRICT WATER AND SEWER SYSTEM IMPROVEMENTS 127

PART 9 - SECTION F - ANNEXATION PROCEDURES 127

PART 10 - OPERATION AND MAINTENANCE OF SEWAGE COLLECTION SYSTEM (PIRU) 129

PART 10 - SECTION A - VENTURA COUNTY WATERWORKS DISTRICT NO. 16 (PIRU) 129

PART 10 - SECTION C - GENERAL 129

PART 10 - SECTION D - PUBLIC SEWER USE 139

PART 10 - SECTION E - PUBLIC SEWER CONSTRUCTION 143

PART 10 - SECTION F - ENFORCEMENT 145

PART 10 - SECTION G - MISCELLANEOUS PROVISIONS 147

PART 10 - SECTION H - STANDARD CRITERIA FOR THE DESIGN OF SEWER SYSTEMS AND IMPROVEMENTS 148

PART 11 - STANDARD DESIGNS AND PLAN NOTES FOR THE CONSTRUCTION OF SEWER SYSTEM IMPROVEMENTS 160

PART 12 - RULES AND REGULATIONS FOR SEWAGE DISPOSAL 170

PART 12 - SECTION A - RULES FOR DEFINITIONS OF TERMS 170

PART 12 - SECTION B - ADMINISTRATION OF SYSTEM 179

PART 12 - SECTION C - WASTEWATER DISCHARGE INTO DISTRICT SEWERAGE SYSTEM 183

PART 12 - SECTION D - PRETREATMENT REQUIREMENTS 182

PART 12 - SECTION E - INDUSTRIAL DISCHARGE PERMIT SYSTEM 196

PART 12 - SECTION F - INDUSTRIAL WASTEWATER MONITORING AND REPORTING 200

PART 12 - SECTION G - FEES 203

PART 12 - SECTION H - ENFORCEMENT RESPONSES 205

RULES AND REGULATIONS DISTRICTS NO. 1,16,17,19

PART 1 - GENERAL CONDITIONS AND RULES

PART 1 - SECTION A - RULES FOR DEFINITION OF TERMS

Definitions: The following terms shall have meanings as herein defined whenever references are made thereto.

RULE

1-A-1 **DISTRICT**: Any County Waterworks District in the County of Ventura, the governing body of which is the Board of Supervisors.

1-A-2 **BOARD**: The Board of Supervisors of the County of Ventura.

1-A-3 **APPLICANT**: The person or agency applying for water service.

1-A-4 **CUSTOMER**: The person or agency of record receiving water service from the District.

1-A-5 **BILLING DATE:** The date upon which charges for services rendered by the District become effective and upon which a bill is generated. 171

1-A-5a **MAILING DATE**: The date upon which a water bill or notice is mailed or delivered personally to the customer, not to exceed three business days following the billing date.97

1-A-6 **WATER SERVICES**: The service performed by the District including the following:

1-A-6a **DOMESTIC WATER SERVICE**: The service performed by the District in supplying water for domestic use including use of water for household residential purposes, sprinkling lawns, irrigating small gardens and shrubbery, watering livestock, washing vehicles, and the ordinary use of water at residences and business or commercial establishments. 11

1-A-6b **AGRICULTURAL WATER SERVICE**: The water service provided for agricultural purposes only.

1-A-6c **PUBLIC WATER SERVICE**: The class of domestic service supplying water to any tax exempt property.

1-A-6d **CONSTRUCTION WATER SERVICE**: The service supplying water for backfilling trenches and other construction services.

1-A-6e **FIRE PROTECTION SERVICE**: Fire protection service is service performed by the District in supplying water for automatic fire sprinkling systems and maintaining water service at fire hydrant locations.

1-A-6f **METERED WATER SERVICE**: Water supplied through a meter which measures the quantity of water used.

1-A-6g **FLAT RATE WATER SERVICE**: The service of supplying unmetered water.

1-A-6h **ENGINEERING AND CONSTRUCTION SERVICES**: Those services performed by employees of the District or the County in preparation of plans and specifications, checking the plans submitted by privately employed engineers for water systems proposed to be installed within Waterworks Districts, inspecting the construction of water systems installed by private contractors, and the installation of water systems in Waterworks Districts from fees or deposits paid therefore by private contractors.

1-A-7 **RATE SCHEDULES**: The entire schedule of rates and fees established and authorized by the Board for the various types of services performed by the District.

1-A-8 **PREMISES**: Property occupied or used by a customer to which water is being supplied by the District or for which water service has been requested.

1-A-9 **SERVICE CONNECTION OR SERVICE LATERAL**: The pipe, valves, and other equipment installed in place, necessary for conducting water from the District's distribution mains to the meter or meter location, but does not include the meter or meter box.

1-A-10 **METERED SERVICE CONNECTION**: The service connection or service lateral including meter and meter box.

1-A-11 **WATER AND SANITATION DEPARTMENT:** The department of the Public Works Agency of the County of Ventura responsible for the operations, construction, repair, maintenance, budgets, and business of the District, under the direction of the following employees: [171]

1-A-11a **MANAGER:** Manager shall mean that employee of the Public Works Agency assigned to the Water and Sanitation Department to be in charge of the operations, repair, and maintenance of the Districts' facilities, under the direction of the Director.[171]

1-A-11b **DIRECTOR:** Director shall mean that employee of the Public Works Agency assigned to the Water and Sanitation Department to be in charge of the operations, budgets, construction, repair, maintenance, and business of the District.[171]

1-A-12 **ENGINEER**: Engineer shall mean the Director of the Public Works Agency or his or her authorized representative.[171]

1-A-12a DELETE[171]

1-A-13 **PUBLIC WAY**: Street, alley, highway, or walk dedicated to public use.

1-A-14 **EASEMENT**: Public way or right-of-way which the district is authorized to use for pipeline or other purposes.

1-A-15 **PRIVATE EASEMENT**: An easement in which a customer or others may have installed a water main for transportation of water furnished by the District, in which easement or pipeline the District has no interest or responsibility.

1-A-16 **MAIN EXTENSIONS**: The extension of distribution pipelines beyond existing facilities, exclusive of service connections.

1-A-17 **INTERCONNECTION**: An authorized connection of the distribution system to the distribution system of another water service agency or water system.

1-A-18 **CROSS CONNECTION**: An illegal piping connection or any connection which may cause contamination or backflow or back-siphonage.

1-A-19 **PERMANENT SERVICE CONNECTION**: A service connection intended to remain in use more than two years.

1-A-20 **TEMPORARY SERVICE CONNECTION**: A service connection requested for use for a period of time less than two years.

1-A-21 **PRIVATE CONTRACT WORK**: Construction of water mainwater mains and related facilities by subdividers or persons other than the District, within Waterworks Districts.

1-A-22 **AUTHORIZED PRIVATE CONTRACT WORK**: Private contract work authorized by the District.

1-A-23 **UNAUTHORIZED PRIVATE CONTRACT WORK**: Private contract work undertaken without authorization by the District.

1-A-24 **PRIVATE CONTRACTORS**: A person or firm, not employed by the District or County, engaged in the installation of water facilities within the service area of a Waterworks District or within territory being considered for annexation thereto.

1-A-25 **SERVICE APPLICANT**: The person, firm, or corporation subdivider, private contractor, etc., who applies for one of the services rendered by the District.

1-A-26 **STRUCTURAL IMPROVEMENTS**: Both Capital Improvements and Local System Improvements, including but not limited to, land, real estate, all classes of water mainwater mains, service connections, meter valves, hydrants, pumping plants, electrical systems, water treatment plants, and appurtenances.

1-A-27 **CAPITAL IMPROVEMENTS**: Those portions of the "Structural Improvements" of a District, the use of which is necessary to and shared in common by all of the District and shall specifically include:

(a) Real estate and rights-of-way.

(b) Wells.

(c) Reservoirs.

(d) Pumping plants and all piping thereon.

(e) Water treatment plants.

(f) Water mains which are oversized at the request of the District.

1-A-28 **LOCAL SYSTEM IMPROVEMENTS**: The following "Structural Improvements" are considered to be local system improvements:

(a) Service connections, fire hydrants, valves, and fittings.

(b) All water mains used for distribution and transmission of water within the boundaries of the proposed development.

(c) In water mains used both for the transmission and distribution of water, that portion of the cost of a water main in commercial, industrial, and residential areas, shall be classified as Local Improvements. The difference, or the cost thereof in excess of Local Improvement System, shall be classified as "Capital Improvements."

1-A-29 **CAPITAL IMPROVEMENT CHARGE**: The charge for equitable participation in the capital improvements of a District as a condition precedent to the supply of water to any residence, building, or parcel of land which has not theretofore been supplied with water by the District.

1-A-30 **RESIDENTIAL AREA**: Those land areas zoned R-1 and R-2 with the permitted use confined only to family dwelling.

1-A-31 **COMMERCIAL AND MANUFACTURING AREA**: All zone classifications and permitted use, except those defined in Rule 1-A-30.

1-A-32 **DISTRICT DIVISION DESIGNATION**: Specific areas of consolidated Districts are designated divisions and zones as follows:

(a) **DELETED**[34]

(b) Consolidated District No. 1:

The former District No. 1 shall be designated as Division 1 of Ventura County Waterworks District No. 1.

The Improvement Zone No. 1 of former District No. 1 shall be designated as Improvement Zone No. 1 of Division 1 of Ventura County Waterworks District No. 1.

The Improvement Zone No. 2 of former District No. 1 shall be designated as Improvement Zone No. 2 of Division 1 of Ventura County Waterworks District No. 1.

The former District No. 11 shall be designated as Division 2 of Ventura County Waterworks District No. 1.

PART 1 - SECTION B - SERVICE AREA MAPS AND LEGAL DESCRIPTIONS

RULE

1-B-1 Maps and legal descriptions of service areas and special zones of Waterworks Districts shall be maintained in the office of the Director of the County Surveyor.[172]

PART 1 - SECTION C - DESCRIPTION OF SERVICE

RULE

1-C-1 **WATER SUPPLY**: The District will exercise reasonable diligence and care to:

(a) Deliver a continuous supply of water to the customer at reasonable pressure, and

(b) Avoid unnecessary shortages or interruption in the service.

The District shall not be liable for:

(a) Interruptions of service, shortage, or inadequacy of supply, or

(b) Any loss or damage caused thereby.

The District shall have the right to temporarily suspend service to any customer, whenever the District deems it necessary to do so, and the District shall not be liable for any loss or damage caused thereby. The causes for temporary suspension of service will be removed by the District without unnecessary delay and with the least inconvenience to the customer. [15]

1-C-2 **WATER QUALITY**: Whenever domestic service is furnished, the District will endeavor to furnish at all times a safe and potable water supply.

1-C-3 **TYPES OF ACCOUNTS AND SERVICES** Water service provided by the District may be separated into the following account, services types:[229]

ACCOUNT TYPES: [229]

a) Residential
b) Residential Multi-Family
c) Agricultural
d) Commercial
e) Industrial
f) Institutional

SERVICE TYPE: [229]

a) Water
b) Sewer
c) Irrigation
d) Agricultural
e) Agricultural <5
f) Reclaimed
g) Load Count
h) Lift Charge
i) Fire Protection
j) Construction

PART 1 - SECTION D - APPLICATION FOR SERVICE

RULE

1-D-1 **APPLICATION FOR SERVICE:** Each applicant for water service will be required to sign a form provided by the District. The application shall show the following information:

(a) **Name** of applicant and person responsible for paying water bill.

(b) **Address** of person responsible for payment of future water bills.

(c) **Location** of proposed service, address, and brief property description.

(d) **Date** applicant desires service to begin.

(e) Whether or not the premises have heretofore been supplied with water by the District.

(f) **Class** of service.

(g) Whether or not applicant is owner, tenant, builder[231] or agent of the premises.

(h) Agreement of applicant to abide by all rules and regulations of the District.

(i) Such other information as the District may reasonably require.

The application will be regarded as merely a written request for service, and not binding upon the applicant to take service for a period of time longer than that upon which the rates and minimum charge of the selected rate schedule are based.

1-D-2 **INDIVIDUAL LIABILITY FOR JOINT SERVICE**: Two or more parties who join in one application for service shall be jointly and severally liable there under and shall be billed by means of single periodic bills.

1-D-3 **LARGE INCREASE IN USE OF WATER**: Customers making any change in operations on their premises requiring substantial increases in the rates of water flow through the District's facilities shall immediately give the District written notice of the nature of the change.

1-D-4 **CHARGE**: Payment for all required charges must accompany the meter or service installation application.

PART 1 - SECTION E - CONTRACTS

RULE

1-E-1 The District, at its discretion, may provide new or extended services by contract or agreement outside its jurisdictional boundaries as permitted by Government Code section 56133 and other applicable law. Unless the contract or agreement expressly states otherwise, the District may, with or without cause, with or without advance notice, terminate any such contract or agreement and interrupt or cease any such new or extended services. Although not required to do so, to the extent circumstances reasonably allow, the District will provide advance notice before terminating any such contract or agreement or interrupting or ceasing any such new or extended services. The District's provision of any such new or extended services shall not, and shall not be deemed to, create any rights to continuing services. Water provided pursuant to any such contract or agreement shall be charged at the rates set forth in Rule 2-B-5. [173]

PART 1 - SECTION F - SPECIAL INFORMATION REQUIRED ON FORMS FOR CUSTOMERS' WATER BILLS

RULE

1-F-1 The substance of the regulation on discontinuance and restoration of water service shall be printed on each bill sent to the District's customers.

PART 1 - SECTION G - NOTICES

RULE

1-G-1 **NOTICES TO CUSTOMERS**: Notice from the District to a customer normally will be given in writing, either delivered to him or mailed to him at his last known address. Where conditions warrant, and in emergencies, a verbal notice or a notice by telephone will be deemed adequate.

1-G-2 **NOTICES FROM CUSTOMERS**: Notice from the customer to the District may be given by him or his authorized representative, verbally or in writing, at the District's operating offices.

PART 1 - SECTION H - SERVICE RULES

RULE

1-H-1a **DOMESTIC SERVICE**: Each house or building under separate ownership must be provided with a separate service connection or connections. Two or more houses or buildings under one ownership and on the same lot or parcel of land may be supplied through one service connection, or a separate service connection may be installed for each building.

1-H-1b The District reserves the right to limit the number of houses or buildings, or the area of the land under one ownership, to be supplied by one service connection.

1-H-1c When property provided with a service connection is partitioned, the existing service connection, if any, shall be considered as being assigned to the lot or parcel of land nearest to the meter or service connection.

1-H-1d A service connection shall not be used to supply adjoining property of a different owner or to supply property of the same owner on opposite sides of a public street or alley.

1-H-2a **AGRICULTURAL SERVICE CONNECTIONS**: In Districts having special rates for agricultural purposes the water requirements of the parcel to be served shall guide the District in its determination of the proper size meter to be installed. The parcel of land must contain not less than five acres and be used exclusively for agricultural purposes. "Agricultural purposes" shall be construed to mean the growing of crops, or the raising of fowl or livestock for human consumption or market, or obtaining their products for human consumption or market. Water used for agricultural purposes shall be separately metered. [174]

Exception: In District No. 19 (Somis Area) agricultural water service may be provided to a parcel where not less than one acre is irrigated for agricultural purposes. In order for a parcel of not less than one acre to qualify for an agricultural water rate, the customer must submit to the

District an "Application for Agricultural Water Rate," including a notice of approval from Calleguas Municipal Water District. 57

Agricultural water service may be discontinued, with 30 days notice, at the option of the District. 72

An agricultural service connection shall not be used to supply adjoining property of a different owner. 79

1-H-2b The regulation by the customer of the flow of water from an agricultural meter must be effected by means of a valve installed on the outlet side of the meter, and the installation and maintenance of such a valve shall be at the customer's expense.

1-H-3a **AUTOMATIC FIRE SPRINKLER SERVICE CONNECTIONS**: When an automatic fire sprinkler service connection is installed, the control valve thereon will be left closed and sealed until a written order to turn on the water is received from the customer. After the water is turned on, the District shall not be liable for damages of any kind that may occur on or to the premises or property therein served due to the installation, maintenance, or use of such service connection, or because of fluctuation of pressure or interruption of water supply.

1-H-3b If water is used through an automatic fire sprinkler service connection for any purpose other than the extinguishing of fires, or a purpose related thereto, the District shall have the right either to place a meter on the automatic fire sprinkler service connection at the customer's expense, and to charge at metered rates for all water used, or to shut off the entire supply of water to the premises through such service connection.

1-H-3c The District shall have the right to install and connect with the automatic fire sprinkler service connection at the curb, a service connection for rendering any other type of water service to the same premises served by the automatic fire sprinkler service connection.

1-H-3d All automatic fire sprinkler service connections, installed after effective date of these regulations, shall be equipped with a check valve of a type approved by the National Board of Fire Underwriters and with a by-pass meter, all at the expense of the customer.

1-H-4 **TEMPORARY WATER SUPPLY** 174

Temporary Water Supply may be provided through:

(a) Temporary Service Connections
(b) Fire hydrants
(c) Truck loads – fills
(d) Residential - lot connections

Temporary water supply may be disconnected and/or terminated upon verbal or written notification by the District.

Water obtained on a temporary basis shall be for use only within the service boundaries of the District. Any use of the water obtained on a temporary basis for use outside district boundaries is subject to Government Code section 56133.

1-H-5a **TEMPORARY SERVICE CONNECTIONS**: Temporary service connections will be disconnected and terminated within two years after installation unless an extension of time is granted by the District.

1-H-5b Where a regular service connection of adequate size is available, it may be used for temporary service so long as such connection is not required to supply the property which it enters, provided a temporary service connection number is assigned to it for identification during such usage. A charge (see Part 2 for amount of charge) will be made for arranging temporary service. If such connection is at any time required to serve the property which it enters, said temporary service there must be discontinued.

1-H-5c A charge for the installation of a temporary service connection shall be the same as for regular service connection (see Part 2 for amount of charge). The applicant shall deposit in cash the amount specified in Part 2 hereof and shall be subject to an additional charge, or entitled to a credit, as provided herein.

1-H-5d After a temporary service connection is installed, and the District is requested by the applicant to terminate and remove the service, the cost of disconnecting and terminating the temporary service will then be estimated and added to the installation cost. From this total, the estimated salvage value of the material to be recovered will be deducted, leaving the final net estimated cost of the temporary service connection. If such net estimated cost is greater than the amount of the applicant's original charge, upon demand the applicant shall pay the District such additional sum as is required to make his aggregate payment equal to the final net estimated cost.

1-H-5e When a temporary service connection is disconnected and terminated within two years from the date of installation, the estimated cost of the disconnection and the "present value" of the material recovered shall be deducted from the deposit charge and the balance (if any) of such deposit shall be refunded to the customer if requested. If the aggregate deposit is less than the sum of the installation charge, the disconnection charge, and the present value of the material recovered, the amount of such deficiency shall be paid by the customer.

1-H-5f Where the construction of an installed "temporary service connection" conforms to the standard requirements of a permanent service connection installation, it may be designated as a permanent service connection at any time, provided all charges for permanent service at its location are paid; and the District will refund to the customer the difference in charges between the temporary service connection and permanent service connection, if the former charge was less than the latter. If the temporary service connection is not

metered when it is converted into a regular permanent service connection, and the kind of permanent service to be rendered requires metering, the regular meter charge for the appropriate size of meter shall be paid by the customer.

1-H-5g The District reserves the right at any time to set a meter on any temporary service connection and to collect the required meter deposit, and thereafter to charge the regular metered rate for the kind of service to be rendered.

1-H-5h **METER CHARGE CREDITS**: If a metered temporary service connection is disconnected and terminated and the meter is recovered within one month after its installation, upon application therefore, 95 per cent of the meter charge, less $5.00, will be refunded; if within two months, 90 per cent less $5.00; if within three months, 85 per cent less $5.00; if within four months, 80 per cent less $5.00; if within five months, 75 per cent less $5.00; and if after five months and within two years, 70 per cent less $5.00. All refunds of meter deposits shall be made to the customer, and no refund of a meter deposit shall be made if the temporary service connection is not terminated and the meter recovered within two years from its date of setting.

1-H-6a **TEMPORARY WATER SUPPLY FROM FIRE HYDRANTS**: Water may, on application, be obtained at rates determined by the Director from fire hydrants, for purposes other than extinguishing fires, in the manner prescribed as follows: When water is to be so procured from a fire hydrant, the applicant shall sign an application for a fire hydrant permit, wherein he shall specify the location of the fire hydrant to be used and shall agree to pay the required cash deposit or charge therefore to the District. The applicant must at the same time deposit with the District a sum of money to secure payment of its charges for furnishing, installing, removing, inspecting, and renting of the equipment required to be installed on a fire hydrant for such procuring of water. 174

Water obtained on a temporary basis from a fire hydrant shall be for use only with the service boundaries of the District. Any use of water obtained on a temporary basis from a fire hydrant for use outside district boundaries is subject to Government Code section 56155. 174

1-H-6b A minimum charge for the furnishing, installation, removal, inspection, and rental of such equipment on each fire hydrant shall be charged (see Part 3 for charges).

1-H-6c If the equipment so furnished is damaged through carelessness or abuse, the cost of repairing the same shall constitute a charge against the customer. If any such equipment is removed from the fire hydrant other than by the District's employee and is not recovered by the District, the value thereto shall constitute a charge against the customer.

1-H-6d The fact that some fire hydrants are already equipped with auxiliary valves, or that some customers may desire to furnish their own equipment for installation on fire hydrants shall not affect or vary this rule and regulation, or in any way prevent or modify its application.

1-H-7 **SERVICE CONNECTION AND METER INSTALLATION CHARGES**: Where a charge is fixed herein for the installation of the service connection and/or meter, such charge shall be paid in advance by the applicant. Where no such charge is fixed, the District reserves the right to require the applicant to pay an amount as a fixed charge equal to the estimated cost of installation of such service connection and/or meter.

1-H-8 **SERVICE CONNECTION, SIZE, AND LOCATION**: The District reserves the right to determine the size of the service connection and its location in relation to boundaries of the premises to be served. Where possible, the customer's pipe to the curb should not be laid until the service connection is installed. In the event the customer's pipe is laid to the curb prior to the time the service connection is installed, and its location at the curb does not correspond with that of the service connection at the curb, then the customer must bear the additional cost of connecting the service connection pipe with the customer's pipe.

1-H-9 **EXTENSION OF SERVICE PIPE THROUGH BASEMENT WALL**: Where the applicant requires the service connection pipe to be extended through a basement wall, the applicant shall, at his own expense, provide and seal the entrance way for such pipe and shall assume all responsibility for damage caused by leakage through such entrance way and/or by leaking pipes, fittings, or meters.

1-H-10 **SERVICE CONNECTION CURB STOP OR VALVE**: Every service connection installed by the District will be equipped with a curb stop or valve on the inlet side of the meter. Such valve or curb stop is intended for the exclusive use of the District in controlling the use of water through the service connection and/or meter. If such curb stop or valve is damaged by the customer to an extent requiring its replacement, the customer shall bear the cost for such replacement. The customer's pipe shall have a wheel valve placed at some known and accessible location between the meter and the building, to control the supply to the building.

1-H-11 **ENLARGING SERVICE CONNECTION AT TIME OF RENEWAL**: When the District replaces a service connection for any reason, such service connection may be enlarged, upon the customer's request and at his expense, the District's estimated cost of which shall constitute a fixed charge.

1-H-12a **MAINTENANCE OF SERVICE CONNECTIONS, METERS, DETECTOR CHECK VALVES, AND HOUSINGS**: All service connections, water meters, detector check valves, and housings installed by the District shall be maintained at its expense, except as may be otherwise provided herein.

1-H-12b Where a two-inch, or larger, stub pipe is laid to the curb to replace one or more old service connections, such old service connection will be disconnected, and the District will lay, connect, and maintain the necessary piping from such new stub pipe to the old location of the meter or to the customer's supply pipe.

1-H-13 **CUTTING, REFITTING, RAISING, LOWERING, OR RELOCATING WATER SERVICE CONNECTIONS, MAINS, ETC.**: Any person, firm, or corporation

making improvements or changes, including road repairs, resulting in the cutting, refitting, raising, lowering, relocating, or damaging in any way service connections, water mains, fire hydrants, stub pipes, meters, valves, or other parts of the water system, shall be liable to the District for all costs incurred by it in making such changes. 11

1-H-14 **INCREASING SIZE OF DETECTOR CHECK VALVE FOR AUTOMATIC FIRE SPRINKLER SERVICE**: In all cases in which a detector check valve on an installed service connection for automatic fire sprinkler service is recovered by the District because of the substitution therefore of a larger detector check valve, the charge to the customer for furnishing and installing such larger detector check valve shall be the estimated cost of replacement, which estimate shall include a credit for the replaced equipment; and such credit shall be the "present value," as determined in Part 3 hereof.

1-H-15 **REFUND OF CHARGES FOR DETECTOR CHECK VALVE AND BY-PASS METER UPON DISCONNECTION AND ABANDONMENT OF AUTOMATIC FIRE SPRINKLER SERVICE CONNECTION**: When an automatic fire sprinkler service connection is disconnected and abandoned and the detector check valve and by-pass meter on such service connection are recovered by the District, upon written application, a refund of the charge paid by the customer for such detector check valve and by-pass meter will be made in an amount equal to the "present value" as determined in Part 3 hereof, less the estimated costs of removing the equipment.

1-H-16a **SETTING OF DOMESTIC AND/OR AGRICULTURAL METERS**: The District may install all meters unless installation by the Contractor is authorized by the Director. 174

1-H-16b The District is the owner of all meters and appurtenances incidental thereto, installed by the District, or installed by the contractor, owner or customer with the approval of the. 79

1-H-17 **REMOVAL OF METERS FROM INACTIVE SERVICE CONNECTIONS:** District may at its option remove the meter from any service connection determined to be inactive for more than two billing cycles, for maintenance or for use in another location. The District will reinstall the meter upon the customer's request. In the case of an inactive agricultural meter, if the customer requests discontinuation of service to avoid service charges, the District will remove the meter. However, reinstatement of service shall be at the discretion of the District. 75

1-H-18 **CHARGE FOR SUBSTITUTION OF LARGER METER FOR DOMESTIC SERVICE OR FOR COMBINED AGRICULTURAL AND DOMESTIC SERVICE**: When a meter for domestic service, or for combined agricultural and domestic service, of larger size than the existing meter is to be installed on an existing service connection, or when the existing service connection is disconnected and abandoned and the meter thereon is recovered by the District and a larger service connection and a larger meter are to be installed in the place thereof, the charge required for furnishing and setting such larger

meter installation shall be the same as for a new service and meter, less the "present value" of the recoverable meter and fittings. [11]

1-H-19 **SUBSTITUTION OF SMALLER METER TO REDUCE MONTHLY MINIMUM CHARGE**: When substitution of a smaller meter is requested by the customer in order to reduce the monthly minimum charge, and when the minimum charge is related to the meter size, such substitution will be made without charge, provided the delivery of water required through such smaller meter shall not exceed its rated capacity, and provided also that such capacity conforms with the requirements of the Plumbing Code. No credit for a large meter so removed will be allowed.

The allowable change in meter size shall not be less than one size smaller than the customer's piping, except that in no case shall the meter size be reduced below the size determined by application of rules in the Plumbing Code.

1-H-20a **DAMAGE TO METERS BY HOT WATER OR STEAM**: The District will furnish, set and maintain all meters.

1-H-20b When a customer becomes responsible for the payment of water bills for any premises served, the meter at that date installed or continued on the service connection is in this rule designated as the "first meter" and any other meter installed on the same service connection, to serve the same premises in substitution for a meter damaged in service, is herein designated as "any substituted meter."

1-H-20c The District assumes the liability for the cost of changing and repairing any meter that shall have been damaged by hot water or steam emanating from the premises served in only the following cases:

1. When such damage occurs to the "first meter;"
2. When such damage occurs to "any substituted meter" more than three years after the same shall have been installed;
3. When such damage occurs to "any substituted meter" within three years after the same shall have been installed, and the customer at the date of such damage has not been continuously so responsible therefore at all times since the date of the last previous occurrence of damage to a meter, for which the District assumes liability hereunder.

1-H-20d When the "first meter" is found to have been damaged by hot water or steam emanating from the premises served, notice of such damage will be mailed to the customer responsible for the payment of the water bills, but he will not be charged with the cost of changing or repairing the "first meter."

1-H-20e If "any substituted meter" be similarly damaged (whether through the fault of such customer or otherwise) and such damage occurs within three years after the last previous meter installed on the same service connection and supplying the same premises was damaged, the cost of changing and repairing such "substituted meter" will be charged to the customer, provided such customer shall have been continuously so responsible at all times since

the date of the last previous occurrence of damage to a meter, for which the District assumes liability hereunder.

1-H-20f When a meter is replaced, a notice will be left on the premises notifying the customer that the water is being shut off for work on the water meter.

1-H-21 **CHANGE OF METER LOCATION**: When the location of a meter and/or service is changed at the customer's request, the cost of making such change will be charged to the customer, in accordance with charges established in Part 3 hereof.

NOTE: When the customer requests such change of the location of a meter because of constructing a driveway that is to be paved, instead of moving the meter, a concrete box equipped with a steel cover plate to house the meter may be installed, provided the slope of such driveway is not such as to cause the face of the steel plate to be dangerous to pedestrians walking thereon.

1-H-22 **APPLICATION FOR WATER SERVICE**: No charge will be made for the mere turning on of the water supply upon the opening of a new account for any kind of service. An application provided by the District must be signed by the applicant. Such application shall contain the following provisions:

1. Applicant shall agree to accept the services applied for subject to the rules and regulations of the District and to pay therefore at regular rates. Should the applicant subsequently cancel one or more items of service, such cancellation shall not change or affect the terms of his application in respect to the remaining item or items of service.
2. Applicant shall also agree to give at least twenty-four hours notice to the District before service is to be discontinued. The provisions of the application, obligating the applicant to accept and pay for service shall remain in force until said notice is given and all bills shall be paid in full to date of receipt of said notice by the District.
3. Applicant shall further agree to assume all liability for any damage occurring on the premises served, by reason of open faucets, faulty fixtures, or broken pipes on such premises at or after the time when service is turned on, whether or not at that time there is any responsible interested person on the premises.

1-H-23a **USE OF WATER WITHOUT REGULAR APPLICATION FOR SERVICE**: Any person, firm, or corporation taking possession of premises where the water supply has been shut off and the curb cock or valve sealed, must make proper application to the district to have the water supply turned on. In the event the customer turns on the water supply or suffers or causes it to be turned on, without first having made such application, he will be held liable for all charges for the water service rendered, the amount thereof to be determined, at the election of the District, either by the meter reading or on the basis of the estimated consumption for the length of time service was received by the customer without proper application.

1-H-23b When the District finds that water is being used without proper application, the customer will be notified and if application for such service is not made promptly thereafter and the District immediately compensated for water already used, the supply will be shut off without further notice.

1-H-24a **DISCONTINUANCE OF WATER SERVICE**: No charge will be made for shutting off water supply or for reading the meter upon closing the account.

1-H-24b When a customer makes application for water service for specified premises, he will be charged for water service on such premises until he orders the service to such premises discontinued.

1-H-25a **READING OF METER AND BILLING**: Under ordinary conditions, each continuous service meter will be read monthly on approximately 28 to 35 days for one billing cycle to the next and a bill thereupon rendered, showing the period covered by the meter reading, or service the amount of water used, and the total charge for the service rendered. Fire service meters may, at the option of the District, be read semi-annually or annually. However, monthly bills shall be rendered for the monthly fire service charge. Notice may be given by the District if large or unusual meter registration. The customer is responsible for paying all water that passes through the meter. 230

1-H-25b Where the meter is found to be out of order, or when a meter reading cannot be obtained the charge for water will be based, at the option of the District, on an estimated meter reading. Such estimates may be computer generated based on previous usage for the property, or on the consumption as registered by a substituted new meter. Consideration may also be given to the average monthly consumption adjusted to seasonal demand for current billing period. Consideration may also be given to volume of business, seasonal demand, and other factors that may assist in determining an equitable charge. 230

1-H-25c When the meter is temporarily covered by building or other material, or when a mobile construction meter has been moved to a new location without the District's knowledge, so that it cannot be read, the charge for water will be based, at the option of the District, on estimated water usage. Such estimates may be computer generated based on previous usage for the property, and a bill or series of bills for the billing period, will be rendered. Estimated water usage may be adjusted if necessary when the meter is first thereafter read. The District may notify the customer of the inaccessibility of the meter and may charge therefore the applicable fee for the notice as specified in Part 2 of these Rules and Regulations. 230

1-H-25d Unless the applicant for water service specifies otherwise, all bills will be mailed to him at the same address to which the water service is furnished.

1-H-25e Director or his authorized representative, may make adjustments or waive charges to customers' bills for those charges resulting from meter read errors,

or other discrepancies. Charges for personalized service, such as mailing or delivery of delinquent or shut-off notices, or other miscellaneous services, may also be waived at the option of the Director or his authorized representative. Water allocations for different uses may be reviewed and appropriate allocations may be approved by the Director or his authorized representative. Disincentive charges may be adjusted where incurred due to leaks.[174]

1-H-26a **PAYMENT OF WATER BILLS**: All bills for service through meters shall be due and payable in cash or check upon presentation, and shall become delinquent 22 days from the bill date and no less than[229] nineteen (19) days after mailing.[160]

The District may, at its option, accept alternative payment methods for water bills, including credit card payments, electronic fund transfers, or other methods as approved by the Director.[174] The Director, or his authorized representative, may also approve customer-selected due dates when deemed appropriate for those customers participating in an automatic payment program. The Director or his authorized representative may approve an extension of a due date as requested by a customer on a case-by-case basis. [229]

1-H-26b All bills for fire hydrant service, for sewer flushing service, for water for street washing and/or sprinkling, or for water for flushing storm drains, culverts, etc., shall be rendered either monthly or bi-monthly and shall become delinquent nineteen (19) days after mailing. [72]

1-H-26c If any bill is allowed to become delinquent the water service may be discontinued with notice.

1-H-26d Water bills may be addressed in the name of the property owner or other person in possession of the property served, or the applicant for water service. The addressee of the water bill shall be primarily responsible for payment thereof.

1-H-26e If more than one tenant on a parcel of property is served through a single meter, the District will render a single bill to the property owner or applicant, and include a minimum charge for water service based upon the number of "billing units," the number of which may be determined on any of the following methods:

1. The number of tenant units: Each house, apartment, store, trailer space, hotel room, or motel unit with water piping shall be considered a separate tenant unit for the purpose of computing minimum charge. (See Part 2 for amount of minimum charge.) [11]
2. Meter size. (See Part 2 for amount of minimum charge.)

1-H-26f The form of the bill shall be prescribed by the District[229]

1-H-26g Payments made to the customer's account will be applied to the customer's account balance, which may include a deposit due, water charges, sewer charges, lift charges, penalty/late fees, and other miscellaneous charges. If the balance is not paid within 22 days from the bill date (the "due date"), the account will be charged with a penalty/late fee, and a past due bill and a "Delinquent Notice" will be issued. At the option of the Director, the District may allow a grace period of one to six days past the delinquent date prior to charging a penalty/late fee. The amount of such penalty/late fee shall be as specified in Rule 2-B-8a. At the option of the District the "Delinquent Notice" may be incorporated into the next regular bill for service, provided current and past due charges are so specified. Fifteen days from the date of the "Delinquent Notice", if payment still has not been received, water service may be discontinued upon notification to the customer. At least 48 hours prior to termination of service, the District shall attempt to notify the customer by telephone, mail, or delivery of a door hanger notice to the service location. At the option of the District, telephone notification may be made through the use of an interactive voice response (IVR) system. A "48-Hour Notice of Pending Shut-Off" charge in the amount specified in Rule 2-B-8a will be added to the customer's account to process the notice. The customer shall be subject to the "48-Hour Notice of Pending Shut-Off" charge upon preparation of the door hanger notice by the business office.[229]

If payment is not made by the final date on the "48-Hour Notice of Pending Shut-Off" a "Shut-off Notice" will be printed for delivery and a charge will be added to the delinquent account in the amount specified in Rule 2-B-8a. If resumption of service is requested for other than regular working days or hours, payment of an additional "Service Turn-on After Business Hours" fee will be charged in the amount specified in Rule 2-B-8a. [160]

1-H-26h In the event of payment in excess of the billed amount, the Waterworks Districts shall credit the amount of over-payment thereof upon the next ensuing water bill issued to the same property. [135]

1-H-26i In the event a customer is unable to pay a water bill, the customer may contact the District's billing office and request an alternate payment plan subject to approval by the Director[174] or his authorized representative. Such arrangements for payment must be made before the shut-off date to avoid the "Shut-Off Notice" charge. If a customer fails to pay a subsequent bill by its shut-off date, service may be discontinued upon notification to the customer. At the option of the District, the District may limit the number of approved payment extensions to no more than one per customer per year.[160]

In the event of underpayment upon any water bill, where alternate payment arrangements have not been approved in accordance with this rule, such underpayment may be treated as non-payment. Where the amount of such underpayment exceeds fifty percent of the total amount of bill, the remaining balance of said bill may become a charge upon the next ensuing water bill issued to the same customer, at the option of the District. [79]

1-H-26j Adjustment shall be made on water billing charges when subsequent meter readings show that the meter was previously read in error. Also, upon the customer's verified statement, a correction may be made as to previous opening or closing billing dates.

1-H-26k At the option of the Director the District may apply a penalty/late fee to closing bill balances not paid within 22 days from the closing bill date.[231]

1-H-27a **SHUTTING OFF WATER SUPPLY FOR EMERGENCY REPAIRS OR FOR CHANGES, ETC., IN OR AFFECTING THE DISTRIBUTION SYSTEM**: The District reserves the right at any and all times to shut off the water for the repairing, extending, or altering of water mains, the repairing and placing of fire hydrants, the repairing and renewing of water service connections, or the changing and testing of water meters or detector check valves.

1-H-27b When the water supply is to be shut off for any of the above reasons, the District will make a reasonable effort to deliver a notice of the shut-off to the customer or to some responsible interested person on the premises, but it does not assume any liability for the failure of the customer to receive or to understand such notice.

1-H-27c The District will not be responsible for the maintenance of pressure, nor for the continuity of water supply, and customers dependent upon a continuous water supply should provide adequate storage for emergencies. Customers having water heaters or other devices requiring a continuous water supply should take all necessary steps to prevent damage to, or the causing of injury by such devices as a result of the shutting off of the water supply.

1-H-27d Districts shall not be responsible for water pressures for any customers located at high elevation beyond normal District water pressures. Nor is the District obligated to extend water services to those areas beyond existing District water mains and/or off the public right of ways.

1-H-27e Credit forward balances for water service normally due to a former customer shall not be credited to the account of the new customer at the same service address. Said credit balances shall be refunded to the former customer when a forwarding address is available. When there is not a forwarding address available, said credit balances shall be deposited in the Waterworks District No. ____ Water Sales Trust Fund and shall be refunded to the former customer upon written request to the District therefore. If no such request is submitted within one year, the credit forward balance shall be credited to the Waterworks District General Fund. [174]

1-H-28a **DAMAGE THROUGH LEAKING PIPES OR FIXTURES ON THE PREMISES SERVED:** The District's control and responsibility ends at the curb shut-off or meter, and the District will in no case be liable for damage caused by, or in any way arising out of, the running or escape of water from open faucets, burst pipes, or faulty fixtures on the premises.

1-H-28b Every service connection is equipped with a control valve on the inlet side of the meter which may be used by the customer when necessary to shut off the water supply from the entire premises. Upon request, day or night, the District will, without charge, shut off such control valve for emergency purposes, upon the understanding that the customer will turn on the water after repairs shall have been made.

NOTE: For convenience and safety, the water pipe on the consumer's premises shall be equipped with a wheel valve, placed at some known accessible location between the meter and the building.

1-H-29a **TAMPERING WITH DISTRICT PROPERTY:** Except as provided in "Rule and Regulation No. 1-H-28b," no person, other than an authorized District employee, shall at any time or in any manner operate, or cause to be operated, any valve in or connected with a water main, service connection, or fire hydrant, or tamper or otherwise interfere with any water meter, detector check valve, or other part of the water system. No person shall deposit, or cause to be deposited, any substance or liquid in any water main or pipe of the District, or do anything which might cause any water supplied or furnished by, or belonging to the District, to become polluted, or take water from any service without first securing permission from the District. 72

1-H-29b In the event a person, firm, or corporation for any reason digs out and damages an angle meter valve or valve controlling a water supply, or damages a meter cover or its center piece, or causes any such act to be done, such person, firm, or corporation will be held liable for any injury or damage. The District may impose a fine of up to $250.00, plus labor and materials for repairs and damages to any person, firm, or corporation found to be tampering with District property or engaged in the unauthorized operation of any part of the water system. 72

1-H-30a **RIGHT OF INSPECTION OF AND ACCESS TO CUSTOMER'S PREMISES:** By accepting service from the District, the customer agrees that the Manager, or his authorized representative, may at reasonable time enter upon customer's premises for the purpose of: 174

1. Determining the existence, operation, maintenance, and/or use in, on, or about said buildings, grounds, or premises of:

   (a) Any plumbing or water piping which may now or hereafter cause, create, or permit backflow, back-siphonage, or any other condition affecting, or likely to affect, the purity and/or potability of the water supply furnished by the Waterworks Districts.

   (b) Any source of water supply which may now or hereafter be connected with the water supply system of the Waterworks Districts.

   (c) Any source of pressure, vacua, contamination, or pollution (including any and all equipment, fixtures, or appliances connected or used therewith or therefore) affecting or likely to

affect, the purity and/or potability of said water supply for the Waterworks Districts.

2. Facilitating the enforcement, from time to time, by the County Engineer, of any and all of its applicable Rules and Regulations of the Waterworks.

1-H-30b Authorized representatives of the District shall be furnished with, and upon the request of any customer, shall display appropriate evidence of identification. [79]

1-H-30c If the District shall ascertain that a condition affecting the purity and potability of the water supply in any Waterworks District exists in, on, or about any building, grounds, or premises in violation of any health law, Rule or Regulation of this State, or any health ordinance or code of the County of Ventura, or any Rule and Regulation of the County of Ventura Waterworks Districts, the District shall:

1. Immediately notify the person, firm, or corporation owning and/or controlling such building, grounds, or premises, the existence of such condition, and;

2. Require of such person, firm, or corporation a compliance within a reasonable time (to be stated in said notice), with any such law, ordinance, code, or Rule and Regulation so violated, and;

3. Shall further notify him or it, that, for his or its failure to so comply within said described period, the District will take, or cause to be taken, by the appropriate authority, such steps to enforce such compliance, to remedy such condition, and/or to protect the interests of the Waterworks District, as shall be provided by law or by these Rules and Regulations.

1-H-31 **PROHIBITION OF CROSS-CONNECTIONS**: No physical connection shall hereafter exist or be installed, located, maintained, or operated between the water supply system of any Waterworks District (including its appurtenant mains, pipes, fixtures, equipment, or appliances), and any other supply system or any sewer or grading system, or any steam, gas, or chemical line, pipe, or conduit, or any device, boiler, tank, or container whereby any contamination or pollution or any dangerous, impure, unsanitary, or unpotable substance (solid, liquid, or gaseous, or any combination thereof) may now or hereafter be introduced to any portion of the water supply system of the Waterworks Districts by backflow, back-siphonage, or any other method, means, or cause whatsoever.

EXCEPT THAT, wherever a mechanical or other method or device (approved by the District) may be used for protecting the Waterworks District's water supply system from any such source of contamination or pollution, any customer shall at his own expense and subject to the final inspection and approval thereof by a person certified for such inspection and repair by the Health Officer, install, maintain, operate, and use the same. Maintenance

shall include inspections and operational tests once a year, or more often as required by the Engineer and/or County Health Officer.

The District shall promulgate and shall, upon request, furnish copies to the customer of lists of approved mechanical devices and information concerning the installation of said devices.

The District shall have the right to discontinue the supply of water to, and to seal or disconnect the services to the premises of customer for the latter's failure to comply with, or the violation or infraction of any Rule and Regulation of the Ventura County Waterworks Districts relative to the inspection of the customer's premises for, to the prohibition of, or to the protection of the Waterworks District's water supply against cross-connections, backflow, or back-siphonage.

A customer shall be entitled to a reasonable notice of the intent of the District to discontinue the service for his noncompliance with, or his violation of any such Rule and Regulation, and to a reasonable opportunity to comply with and/or to cease the violation thereof.

PROVIDED, HOWEVER, THAT no such notice or opportunity to comply with, or to cease a violation of any such Rule and Regulation need be given in those instances in which non-compliance or violation by the consumer has created, is creating or is likely to create in the water supply system conditions dangerous and detrimental to public health, safety, and welfare. [10]

1-H-32 In the event that the customer is unable to obtain qualified private inspection service the District will furnish competent inspection and/or repair service at the following rates:

(a) Inspection & Testing . . . . . $15.00 per hour

(b) Repair & Retesting . . . . . $15.00 per hour plus parts

PART 1 - SECTION I - CAPITAL IMPROVEMENT CHARGES

RULE

1-I-1 **CHARGES**: As a condition precedent to receiving water service for any residence or building or parcel of land which has not theretofore been supplied with water by a County Waterworks District, there shall be paid to the District a Capital Improvement Charge in accord with the schedule for the District set forth in Part 3-A-9 hereof, except as defined in Rule 1-I-6 for service within an improvement zone, in Rule 1-I-2 for service for agricultural purposes and in Rule 1-I-4 for service for a portion of a parcel of land. The Capital Improvement Charge shall not include the charges for service and meter connections, which charges shall be paid separately as required elsewhere in these rules. [11]

1-I-2 **AGRICULTURAL SERVICE:** In the case where water service is requested for any land and/or parcels for agricultural purposes only and the District has facilities available or no expenditure of District funds is required to provide such service, the District may, at its option, waive payment of the Capital

Improvement Charge. However, the Capital Improvement Charge shall be paid prior to development of the property for a use other than agricultural. [11]

1-I-3 **SERVICE TO USERS OUTSIDE DISTRICT:** The furnishing of water by any District to any residence or building or parcel of land outside the District on a "surplus water available" basis shall not constitute previously supplying such residence, building or parcel with water within the meaning of Rule 1-I-1, and such parcel, or any land upon which such residence or building is located subsequently is annexed to a District the payments of a Capital Improvement Charge shall be a condition precedent to the continuation of water service to such residence, building, or parcel.[175]

The District, at its discretion, may provide new or extended services by contract or agreement outside its jurisdictional boundaries as permitted by Government Code section 56133 and other applicable law. Unless the contract or agreement expressly states otherwise, the District may, with or without cause, with or without advance notice, terminate any such contract or agreement and interrupt or cease any such new or extended services. Although not required to do so, to the extent circumstances reasonably allow, the District will provide advance notice before terminating any such contract or agreement or interrupting or ceasing any such new or extended services. The District's provision of any such new or extended services shall not, and shall not be deemed to, create any rights to continuing services. Water provided pursuant to any such contract or agreement shall be charged at the rates set forth in Rule 2-B-3. [175]

1-I-4 **TIME OF PAYMENT**: The Capital Improvement Charge shall be paid in full prior to final approval of subdivision, Planned Development, Special Use Permit and/or prior to the commencement of any work necessary to furnish water to any residence, building or parcel.

However, in a case where an individual owns a parcel of land larger than ten acres in size but desires water service for only a small portion thereof, and if the District is financially able to do so, it may, at its option, collect Capital Improvement Charges for only that portion of the parcel that is to be developed as shown on subdivision, Planned Development or Special Use Permit improvement plans. At such time as further development of the parcel occurs, the then applicable Capital Improvement Charge shall be paid for the remainder.

1-I-5 **CONTRIBUTIONS AND GRANTS OF CAPITAL IMPROVEMENTS**: In an amount agreed upon by the grantor and the District all or any part of one or more Capital Improvement Charges may be reduced by deducting there from the actual cost of any capital improvement, or the fair market value of any real property contributed or given to the District and expressly accepted by the District in lieu of all or part of the Capital Improvement Charge due upon any residence or building.

1-I-6 **IMPROVEMENT ZONE**:[74] Capital Improvement Charges shall not be collected by the District for ministerial development on existing parcels

whenever an Improvement Zone has been established and local and capital improvements have been, or are to be financed by the proceeds of bonds issued as special obligations of said zone. The term Improvement Zone shall refer to any area within a District which has been set up pursuant to Water Code Section 55650, 55860 or 55880 to provide for financing of facilities and improvements of benefit to such zone that are not of District-wide benefit.

Effective May 2, 1995, all parcels requesting discretionary land use entitlements shall be assessed Capital Improvement Charges according to the Rules and Regulations.

Whenever the ownership of any property within such Improvement Zone is held or acquired by a non-taxable entity, such entity shall be subject to Meter and Capital Improvement Charges.

The amount of such Capital Improvement Charge shall be determined by the Director and shall be calculated in such a manner as to include only those costs of capital improvements which are required to provide adequate service for such non-taxable entity.[175]

In no event shall said Capital Improvement Charge exceed that charged non-taxable entities for lands located within said District but not within a Zone.

1-I-7 **MAIN EXTENSIONS**: Upon payment of Capital Improvement Charges, the District will extend water lines from its facilities which exist in a publicly dedicated and accepted road nearest the lot, parcel or building to be served to a point along such publicly dedicated and accepted road nearest the lot, parcel or building to be served. However, the District shall not be required to provide water service where the cost of providing such service would cause an undue financial hardship on the District as determined by the District Board.

1-I-8 **OFF-SITE CONSTRUCTION**: The developer shall extend pipelines to the District's facilities to provide the necessary service. Said improvements shall be as required by the District in accord with the District's specifications and subject to the approval and acceptance of the District. Upon completion, said improvements shall be conveyed to the District together with an adequate easement for their installation, operation and maintenance. [14]

PART 1 - SECTION J - LOCAL SYSTEM CHARGE

RULE

1-J-1 **LOCAL SYSTEM CONSTRUCTION AND CHARGE**: As a condition precedent to receiving water service for any residence or building or parcel of land which has not theretofore been supplied with water by the District, all necessary local system improvements shall be furnished and installed by the applicant at his expense or he shall be charged for said improvements and pay the District the cost thereof computed at the rates described in Part 3 hereof or as computed by the Director.[175] Said improvements shall be as required by the District, in accord with the District's specifications and subject

to the approval and acceptance of the District. Upon completion, said improvements shall be conveyed to the District together with an adequate easement for their installation, operation and maintenance.

1-J-2 **LOCAL SYSTEM CONSTRUCTION WITHIN IMPROVEMENT ZONE**: Shall be financed as prayed for in the petition to form an Improvement Zone.

PART 1 - SECTION K - WATER SHORTAGES [176]

RULE

1-K-1 **EMERGENCY RESTRICTIONS ON WATER USE:** [176]

1-K-1a **EMERGENCY RESTRICTIONS ON WATER USE DUE TO SYSTEM EMERGENCIES:** [176] If the Director determines that over-consumption of water, loss of pressure in a system, breakdown, or any similar occurrence, requires emergency restrictions upon the use of water from any system, the Director shall order such restrictions as the Director in his or her sole discretion, deems appropriate under the circumstances.

Such order may restrict the use of water for sprinkling, manufacturing, or nonessential uses. The use of water for particular purposes may be limited to specified days or hours of a day or altogether prohibited, except that the use of water for drinking, cooking, and sanitary purposes shall not be prohibited.

Notice of any such order shall be given, either in writing or orally when possible, to customers served by the affected system. Water supply to any premises upon which the use of water is being made in violation of such order may be summarily shut off.

When the Director determines that the emergency no longer exists, The Director shall, by further order, rescind the restrictions previously ordered under this section. Notice of such order shall be given to customers in the same manner in which the order imposing the restrictions was given.

1-K-1b **EMERGENCY RESTRICTIONS ON WATER USE DUE TO OTHER THAN SYSTEM EMERGENCIES:** [176] If the Engineer determines that circumstances other than those specified elsewhere in Section K (such as natural disaster, epidemic, accident, war, other violent activity, labor dispute, civil disturbance or state or federal statute or executive or judicial order) require emergency restrictions upon the use of water from any system, the Engineer shall order such restrictions as the Engineer in his or her sole discretion, deems appropriate under the circumstances, and then shall obtain ratification of the order from the Districts' Board at its first meeting following such restriction order.

Such order may restrict the use of water for sprinkling, manufacturing, or nonessential uses. The use of water for particular purposes may be limited to specified days or hours of a day or altogether prohibited, except that the use of water for drinking, cooking, and sanitary purposes shall not be prohibited.

Notice of any such order shall be given, either in writing or orally when possible, to customers served by the affected system. Water supply to any premises upon which the use of water is being made in violation of such order may be summarily shut off.

When the Engineer determines that the emergency no longer exists, The Engineer shall, by further order, rescind the restrictions previously ordered under this section. Notice of such order shall be given to customers in the same manner in which the order imposing the restrictions was given.

1-K-2 **LEVEL 1 WATER SUPPLY SHORTAGE**

1-K-2a A Level 1 Water Supply Shortage exists when the Engineer determines in his or her sole discretion that due to drought or other water supply conditions, a water supply shortage or threatened shortage exists, and a consumer demand reduction is necessary to make more efficient use of water and appropriately respond to existing water conditions. Upon the declaration by the Engineer of a Level 1 Water Supply Shortage condition, the Director shall implement the mandatory Level 1 conservation measures identified in this section, effective on the date determined by the Director. 176

1-K-2b In addition to the prohibited uses of water identified in Part 1 - Section L – Permanent Water Conservation Measures, the following water conservation measures apply during a declared Level 1 Water Supply Shortage.

(i) Exterior Water Use: The District will establish allocations and water rates to achieve the desired reduction in exterior water use. 176

1-K-3 **LEVEL 2 WATER SUPPLY SHORTAGE** 176

1-K-3a A Level 2 Water Supply Shortage exists when the Engineer determines in his or her sole discretion that due to drought or other water supply conditions, a water supply shortage or threatened shortage exists, and a consumer demand reduction is necessary to make more efficient use of water and appropriately respond to existing water conditions. Upon the declaration by the Engineer of a Level 2 Water Supply Shortage condition, the Director shall implement the mandatory Level 2 conservation measures identified in this section, effective on the date determined by the Director.

1-K-3b In addition to the prohibited uses of water identified in Part 1 – Section K – Rule 1-K-2, Level 1 Water Supply Shortage, and Part 1 – Section L – Permanent Water Conservation Restrictions, the following water conservation measures apply during a declared Level 2 Water Supply Shortage:

(i) Exterior Water Use: District will establish allocations and water rates to achieve the desired reduction in exterior water use.

(ii) Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds is prohibited, except to the extent needed to sustain aquatic life, provided that such animals are of significant value and have been actively managed within the water feature prior

to the declaration of a supply shortage level under these Rules and Regulations.

(iii) Limits on Washing Vehicles: Using water to wash or clean a vehicle is prohibited, except by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off nozzle or device, by high pressure/low volume wash systems, or at a commercial car washing facility that utilizes a re-circulating water system to capture or reuse water.

(iv) Limits on Filling Residential Swimming Pools and Spas: Re-filling of more than one foot and initial filling of residential swimming pools or outdoor spas with potable water is prohibited.

1-K-4 **LEVEL 3 WATER SUPPLY SHORTAGE – EMERGENCY CONDITION**[176]

1-K-4a A Level 3 Water Supply Shortage condition is also referred to as an "Emergency" condition. A Level 3 condition exists when the Engineer determines that a significant reduction in consumer demand is necessary to maintain sufficient water supplies for public health and safety, declares a water shortage emergency and notifies District residents and businesses of the emergency. Upon the declaration by the Engineer of a Level 3 Water Supply Shortage condition, the Director shall implement the mandatory Level 3 emergency conservation measures identified in this section, effective on the date determined by the Director.

1-K-4b In addition to the prohibited uses of water identified in Part 1 – Section K – Rules 1-K-2, Level 1 Water Supply Shortage, and 1-K-3, Level 2 Water Supply Shortage, and Part 1 – Section L – Permanent Water Conservation Restrictions, the following water conservation measures apply during a declared Level 3 Water Supply Shortage Emergency:

(i) **No Watering or Irrigating:** Watering or irrigating of lawn, landscape or other vegetated area with potable water is prohibited. This restriction does not apply to the following categories of use, unless it is determined by the Director that recycled water is available and may be applied to the use:

a. Maintenance of vegetation, including trees and shrubs, that are watered using a hand-held bucket or similar container or hand-held hose equipped with a positive self-closing water shutoff nozzle or device.

b. Maintenance of existing landscape necessary for fire protection.

c. Maintenance of existing landscape for soil erosion control.

d. Maintenance of plant materials identified to be rare or essential to the well-being of protected species.

e. Maintenance of landscape within active public parks and playing fields, day-care centers, golf course greens, and school grounds, provided that such irrigation does not exceed two (2)

days per week according to the schedule established in Rule 1-K-3b(i) and time restrictions in Rule 1-L-2h.

f. Actively irrigated environmental mitigation projects.

(ii) **Obligations to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks or other malfunctions in the water user's plumbing or distribution system must be repaired within twenty-four (24) hours of notification as set forth in Rule 1-L-2b unless other arrangements are made with the District.

(iii) **No New Potable Water Service:** Upon declaration of a Level 3 Water Supply Shortage Emergency, no new potable water service will be provided, no new temporary meters or permanent meters will be provided, and no statements of immediate ability to serve or provide potable water service (such as will-serve letters, certificates, or letters of availability) will be issued, except under the following circumstances:

a. A valid, unexpired building permit has been issued for the project; or

b. The project is necessary to protect the public health, safety, and welfare; or

c. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset prior to the provision of a new water meter(s) to the satisfaction of the District.

This provision does not preclude the resetting or turn-on of meters to provide continuation of water service or the restoration of service that has been interrupted for a period of one year or less.

1-K-5 **NO NEW ANNEXATIONS**: Upon the declaration of a Level 3 Water Supply Shortage condition, the District will suspend consideration of annexations to its service area. This subsection does not apply to boundary corrections and annexations that will not result in any increased use of water. 176

1-K-6 **DISCONTINUED SERVICE**: The Director, in his or her sole discretion, may discontinue service to consumers who willfully violate the Level 3 Water Supply Shortage provisions. 176

1-K-7 **PROCEDURES FOR DETERMINATION/NOTIFICATION OF WATER SUPPLY SHORTAGE** 176

1-K-7a **DECLARATION AND NOTIFICATION OF WATER SUPPLY SHORTAGE**: The existence of a Level 1, Level 2 or Level 3 Water Supply Shortage condition shall be declared by the District Board or Engineer. If the declaration is made by the Engineer, the Engineer shall seek ratification of the declaration from the District Board at its first meeting following the declaration. Upon such declaration, all District customers shall be notified in writing of the applicable mandatory conservation measures, the date the measures are to take effect and, by reference to rule 1-L-4a of these Rules

and Regulations, the penalties that may be imposed for failing to comply with the measures.[176]

1-K-8 **HARDSHIP WAIVER:** [176]

1-K-8a **UNDUE AND DISPROPORTIONATE HARDSHIP:** If, due to unique circumstances, a specific requirement of this section would result in undue hardship to a person using water or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water users, then the person may apply for a waiver to the requirements as provided in this section.

1-K-8b **WRITTEN FINDING:** The waiver may be granted or conditionally granted only upon a written finding of the existence of facts demonstrating an undue hardship to a person using water or to a property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water use due to specific and unique circumstances of the user or the user's property.

(i) Application: Application for a waiver shall be on a form prescribed by the District and shall be accompanied by a non-refundable processing fee in an amount set by the District.

(ii) Supporting Documentation: The application shall be accompanied by photographs, maps, drawings, and other information, including a written statement of the applicant

(iii) Required Findings for Waiver: An application for a waiver shall be denied unless the Approval Authority finds, based upon the information provided in the application, supporting documents, or such additional information as may be requested, and on water use information for the property as shown by the records of the District, all of the following:

a. That the waiver does not constitute a grant of special privilege inconsistent with the limitations upon other residents and businesses;

b. That because of special circumstances applicable to the property or its use, the strict application of this section would have a disproportionate impact on the property or use that exceeds the impacts to residents and businesses generally;

c. That the authorizing of such waiver will not be of substantial detriment to adjacent properties, and will not materially affect the ability of the District to effectuate the purpose of this section and will not be detrimental to the public interest; and

d. That the condition or situation of the subject property or the intended use of the property for which the waiver is sought is not common, recurrent or general in nature.

1-K-8c **APPROVAL AUTHORITY:** The Director shall have approval authority and act upon any completed application no later than twenty (20) days after submittal

and may approve, conditionally approve, or deny the waiver. The applicant requesting the waiver shall be promptly notified in writing of any action taken. Unless specified otherwise at the time a waiver is approved, the waiver will apply to the subject property during the term of the mandatory water supply shortage condition. 176

1-K-8d **APPEALS TO THE DISTRICT:** An applicant may appeal a decision by the Director to deny or conditionally approve a waiver application by filing a written request for hearing with the Engineer within ten (10) days of Director's decision. The request for hearing shall state the grounds for the appeal. At a public hearing, the Engineer shall act as the Approval Authority and review the appeal in accordance with the standards established in this rule. The decision of the Engineer is final. 176

PART 1 - SECTION L – PERMANENT WATER CONSERVATION MEASURES

RULE

1-L-1 **WATER SAVING DEVICES:** All new customers shall install and use the following water efficient plumbing fixtures:

(i) Ultra low volume toilets (1.6 gallons per flush or less).

(ii) Low flow shower heads (2.0 gallons per minute or less).

1-L-2 **WATER WASTE PROHIBITED:** 177 No person shall use or permit the use of District water as follows:

1-L-2a Watering of turf, ornamental landscape, open ground crops and trees, in a manner or to an extent which allows water to run to waste. 177

1-L-2b In any manner such that the escape of water through leaks, breaks, or malfunctions within the water user's plumbing or distribution system occurs for any period of time beyond which such break or leak should reasonably have been discovered and corrected. It shall be presumed that a period of forty-eight hours after the water user discovers such leak, break, or malfunction, or receives notice from the District of such condition, whichever occurs first, is a reasonable time within which to correct such condition. 64

1-L-2c Using water to wash or clean a vehicle, including but not limited to washing automobiles, trucks, trailers, boats, or other types of mobile equipment, without the use of a hand-held bucket or similar container or a hand-held hose equipped with a positive self-closing water shut-off nozzle or device. This subsection does not apply to any commercial car washing facility. 177

1-L-2d Operating any ornamental fountain, or similar structures, unless water for such is recycled for lawful reuse without substantial loss. 64

1-L-2e Washing down hard or paved surfaces, including but not limited to washing of sidewalks, walkways, driveways, parking lots or any other hard-surfaced areas by hose or flooding, except as otherwise necessary to prevent or eliminate conditions dangerous to the public health and safety or for other legitimate uses approved by the District, and then only by use of a hand-held

bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off nozzle or device, a low-volume high-press cleaning machine equipped to recycle any water used, or a low-volume high-pressure water broom. 177

1-L-2f Serving water in eating or drinking establishments, including but not limited to restaurants, hotels, cafés, bars or other public places where food or drinks are sold or served, to customers without first being expressly requested by the customer. 177

1-L-2g For any indiscriminate running of water or washing with water not otherwise prohibited above which is wasteful and without reasonable purpose. 64

1-L-2h Watering of residential, commercial, industrial, and governmental outdoor irrigation from 9:00 a.m. to 4:00 p.m. except for a short duration, not to exceed 3 minutes per station, for the limited purpose of testing or making repairs to the irrigation system. Agricultural customers are exempt from this irrigation schedule, but must comply with agricultural irrigation schedules determined by the District. 177

1-L-2i Running of water or spraying of water onto other properties. 177

1-L-2j Watering or irrigating of lawn, landscape or other vegetated area with potable water using a landscape irrigation system or a watering device that is not continuously attended for more than ten (10) minutes watering per day per station. This rule does not apply during the establishment period, as determined by the District, for new landscaping. 177

1-L-2k For laundry purposes by hotels, motels and other commercial lodging establishments, except where customers are given the option of not having towels and linens laundered daily through the prominent display of written notice of such option in each bathroom using clear and easily understood language. 177

1-L-2l Through the installation of single pass cooling systems in buildings requesting new water service. 177

1-L-2m Through the installation of non re-circulating water systems in new commercial conveyor car wash and new commercial laundry systems. 177

1-L-2n Through the use of non-water conserving dish wash spray valves by food preparation establishments, such as restaurants and cafes. 177

1-L-2o Through a commercial conveyor car wash operating without a re-circulating water system, or without first securing a waiver of this requirement from the Director. 177

1-L-3 **IRRIGATION SCHEDULES**: District may impose irrigation schedules for outdoor use, including agricultural use, to address water conservation and limited water supply.

1-L-4 **FAILURE TO COMPLY**:

1-L-4a **CIVIL PENALTIES**: In addition to any other penalties or sanctions provided by law, the following civil penalties shall be imposed for violation of any of the provisions of these rules, to be paid by the customer at the premises at which the violation occurred: 177

(i) For the first violation of any of the provisions of these rules a written notice will be given to the customer.

(ii) For the second violation of any of the provisions of these rules within the preceding (12) twelve calendar months, a penalty of one hundred dollars ($100.00) shall be imposed by written notice to the customer. This penalty is payable as part of the water bill, by the customer at the premises at which the violation occurred.

(iii) For the third violation of any of the provisions of these rules within the preceding (12) twelve calendar months a penalty of two hundred and fifty dollars ($250.00) shall be imposed by written notice to the customer. This penalty is payable as part of the water bill, by the customer at the premises at which the violation occurred.

(iv) For the fourth violation of any of the provisions of these rules within the preceding twelve (12) calendar months, a penalty of five hundred dollars ($500.00) shall be imposed by written notice to the customer. This penalty is payable as part of the water bill, by the customer at the premises at which the violation occurred.

The District may also give written notice to the customer indicating that it will install a flow restricting device of 1 GPM capacity for services up to one and one half inch meter size, and comparatively sized restrictors for larger services, on the service of the customer at the premises at which the violation occurred for a period of not less than forty-eight (48) hours. The charge for installing such a flow restricting device will be based upon the size of the meter and the actual cost of installation. The charge for removal of the flow restricting device and restoration of normal service shall be based on the actual cost involved. Said charges shall be payable by the customer as part of the water bill. Restoration of normal service will be performed during the hours of 8:00 a.m. to 4:00 p.m. on regular working days. In addition, a surcharge penalty of $100.00 shall be imposed for restoration of normal service, payable by said customer as part of the water bill.

(v) If there are five violations of any of the provisions of these rules within twelve (12) consecutive calendar months, the District may, following notice to the customer as described herein, discontinue water service to the customer at the premises at which the violation occurred.

1-L-4b **NOTICE**: The District will give notice of each violation to the customer at the premises at which the violation occurred, as follows: 177

(i) For a first, second, or third violation, the District may give written notice of such violation to the customer personally or by regular mail.

(ii) If the penalty assessed is, or includes the installation of a flow restrictor or the discontinuance of water service to the customer for any period of time whatever, notice of the violation will be given in the following manner:

a. By giving written notice thereof to the customer personally; or

b. If the customer is absent from or unavailable at the customer's billing address, place of residence, or place of business, by leaving a copy with an adult at such places, and by sending a copy through the United States mail addressed to the customer at such places, via registered mail return receipts requested.

c. If notice as provided in a and b above, is not successful, notice can be given by affixing a copy in a conspicuous place on the property where the failure to comply has occurred and also by delivering a copy to a person residing at the premises, if such person can be found.

d. All notices will contain, in addition to the facts of the violation, a statement of the possible penalties for each violation, a statement informing the customer of his or her right to a hearing on the violation, a brief summary of the appeal process specified herein, copies of Rules 1-L-4c and 1-L-4d, and the date and time installation of the restrictor or discontinuance of the service will occur.

1-L-4c **HEARING:** Any customer against whom a penalty is to be levied pursuant to this section shall have a right to a hearing, in the first instance by the Director, with the right of appeal to the Engineer or his or her designee, on the merits of the alleged violation, upon the written request of that customer to the Director within fifteen (15) days of the date of giving notice of the violation. Penalties, including termination of water service, will be stayed until any such hearing is conducted and a written decision is made by the Director or his or her designee and given to the customer. [177]

1-L-4d **APPEAL OF DECISION OF DIRECTOR:** A request for an appeal must be in writing and filed with the Engineer or his or her designee. The filing by a customer of a request for an appeal for any form of relief must be made within fifteen (15) days of the giving of the decision of the Director to the customer. Filing of such a request will automatically stay the implementation of the proposed course of action, pending the decision of the Engineer or his or her designee. No other or further stay will be granted. The appeal hearing will be scheduled to occur within a reasonable, prompt period of time following the written notice of appeal. The customer may present any evidence that would tend to show that the alleged wasteful water use has not occurred. Formal rules of evidence will not apply and all relevant evidence customarily relied upon by reasonable persons in the conduct of serious business affairs will be admissible, unless a sound objection warrants its exclusion by the Engineer

or his or her designee. The decision of the Engineer or his or her designee shall be final. [177]

1-L-4e **RECONNECTION**: Where water service is disconnected, as authorized above, it will be reconnected upon correction of the condition or activity and the payment of the estimated reconnection charge.

1-L-4f **PUBLIC HEALTH AND SAFETY**: Nothing contained in these rules shall be construed to require the District to curtail the supply of water to any customer when, in the discretion of the Engineer or his or her designee, such water is required by that customer to maintain an adequate level of public health and safety. [177]

PART 2 - RATE SCHEDULES AND SERVICE CHARGES FOR USE OF WATER

PART 2 - SECTION A - WATER USE - DOMESTIC, INDUSTRIAL AND AGRICULTURAL

The rates to be charged and collected for water and water service supplied for domestic, commercial, industrial and agricultural uses within Waterworks Districts are established in this section. 148

2-A-1a **MINIMUM CHARGE FOR SERVICE:** Shall be made for the billing periods at rates and allowances set forth hereinafter, except when it becomes necessary to bill for a partial billing cycle. In the latter case, a daily pro-rata charge will be calculated, with the exception of residential construction accounts which will be billed for the full billing period. 161

2-A-1b **MINIMUM CHARGE FOR MULTIPLE DWELLINGS:** If more than one dwelling or parcel of property is supplied water through a single meter or service connection, the District will render a single bill to a customer, but the minimum charge for water service will be computed on the basis of the number of "Billing Units," the number of which shall be determined at the option of the District from either of the following methods, provided that the number of billing units will not exceed 7 billings units per single service for public schools.

METHOD A - THE NUMBER OF BILLING UNITS

Each house, apartment, store, trailer space, hotel room, or motel unit with water piping shall be considered one billing unit.

METHOD B - METER SIZE

Each 3/4" meter shall be equivalent to 1 billing unit.

Each 1" meter shall be equivalent to 2 billing units.

Each 1¼" or 1½" meter is equivalent to 4 billing units.

Each 2" meter is equivalent to 7 billing units.

Each 3" meter is equivalent to 15 billing units.

Each 4" meter is equivalent to 30 billing units.

Each 6" meter is equivalent to 60 billing units.

In the following schedule of rates billing units will be designated as b.u. and cubic feet of water will be designated as hcf. 178

2-A-1c **DEPOSIT FROM APPLICANTS:** A prepaid Deposit shall be required in an amount sufficient to cover an average bill for water and, if applicable, sewer service for the property. Where an average bill amount cannot be determined or is deemed inappropriate by the Director or his or her authorized representative, a minimum deposit will be charged of $25 per Billing Unit (for each month in one billing cycle) for water service in Waterworks District Nos. 1, 16, and 19, $25 per Equivalent Residential Unit (for each month in the billing cycle) for sewer service in Waterworks District Nos. 1 and 16, $50 per Billing Unit (for each month in one billing cycle) for water service in Waterworks District No. 17. Public agencies, public utility companies, public institutions, and private customers who have demonstrated an acceptable payment history may be exempted from the deposit requirement, at the option of the District.*232*

A customer of a District who, during the last 12 consecutive months, has paid all water bills without "Notice of Pending Disconnection" being issued for nonpayment, and who has demonstrated an overall timely payment history, and who applies for service for a new account, shall have the Trust Deposit waived. *232*

The Deposit may be waived at the discretion of the Director or his or her authorized representative, for a property owner who applies for service at the property that the property owner does or intends to occupy, or for renters of a property where the property owner co-signs the application, providing the property owner has not previously had a history of delinquency with any District managed by the Department. Deposits may also be waived at the discretion of the Director or his or her authorized representative for applicants for service for a short term purpose, such as in the case of "clean and show" properties for sale or rent.*232*

An existing customer who has received a "Notice of Pending Disconnection," and has established a pattern of delinquency, may be required to re-establish a deposit. A customer who has received a "Shut-off Notice" for nonpayment may, at the option of the District, be required to establish a deposit equal to two times the average bill during the past twelve months. *232*

Any customer who, during a 12-month period, has two or more returned checks will be required to pay all billings for a period of one year with cash, a cashier's check, a money order, or, if approved by the Director, through automatic withdrawal, and may at the option of the District be required to post a trust deposit, in an amount up to two times the average bill. The cash-only requirement may be continued indefinitely for customers with an established pattern of multiple returned checks. *232*

Deposit amounts may be rounded, at the option of the District, for ease of posting and accounting purposes. At the option of the District, deposits may be charged to the account for water service and may be payable with the next ensuing water bill. Trust deposits are refunded as a credit to the account for water service at the end of one year, provided payments have been made on a timely basis or upon receipt of a satisfactory credit rating as calculated by the billing system, and are without interest.

232

2-A-1d **ACCOUNTING AND RECONCILIATION FOR AGRICULTURAL CUSTOMERS:** Agricultural customers with properties equal to or greater than five (5) acres shall be given monthly water allocations as determined by the District and calculated based on irrigated area and the District's proportional imported and local supply available to the respective District's agricultural customers. Allocation calculations will vary for customers with and without wells. [233]

At the end of each billing cycle the amount of water used during the billing cycle will be subtracted from the allocation. The unused allocation will be carried forward to the next billing cycle and will continue to be carried forward to the final billing cycle of the calendar year. At any time during the calendar year, should the usage exceed the allocation, the account will be billed at the Agricultural Tier II rate[223] for the respective District as set forth in Rule as set forth in Rule 2-A-2b(ii)[216] 2-A-3b(ii), or 2-A-9b(ii) for each hundred cubic foot (hcf) exceeding the allocation. [225]

Agricultural allocations will be reviewed each year and may be adjusted based on total irrigated area for all agricultural customers within each District, the total GMA local groundwater allocations for the District, and a five-year historical average water use throughout the respective District, at the discretion of the Director. Individual agricultural customer allocations may be appealed and, with justification, may be adjusted, at the discretion of the Director. [233]

Similar use water customers, including those with landscape irrigation meters for homeowner's associations, parks, schools, or other large landscaped areas, may also be provided monthly water allocations by District calculated based on established water requirements for landscape irrigation[219] including irrigated area, evapotranspiration rate, and effective rainfall. At each billing, disincentive rates shall be charged for water used in excess of the allocation. (See Section 2-A-2b (ii) below).[233]

2-A-1e DELETED[216]

2-A-2 **WATERWORKS DISTRICT NO. 1– MOORPARK** [239]

2-A-2a **SERVICE CHARGE PER METER MONTHLY:**

Meter Size	Agricultural [98]	Municipal & Industrial [98]
3/4 inch	5.50	7.25
1 inch	10.50	14.50
1½ inch	22.00	29.00
2 inch	38.50	50.75
3 inch	82.50	108.75
4 inch	165.00	217.50
6 inch	330.00	435.00
For each residence on a parcel of land add	7.25	7.25

2-A-2b **COMMODITY RATES:** [244]

(i) a Municipal and Industrial (M&I)

Tier I	$3.104/HCF	($1,352.10/AF)
Tier II	$3.259/ HCF	($1,419.62/AF)
Tier III	$4.889/ HCF	($2,129.65/AF)
Tier IV	$8.148/ HCF	($3,549.27/AF)

(i) b DELETED[211]

(i) c DELETED[211]

(ii) a Agricultural

AG Tier I Rate	$1.798/HCF($783.21/AF)
AG Tier II Rate	$3.104/HCF($1,352.10/AF)

(ii) b DELETED[211]

2-A-2c **MONTHLY CONSUMPTION ALLOCATIONS (M&I)**[244]

The Peak Demand and Low Demand Billing Cycles will be established by the Director or authorized representative based on weather conditions, billing cycle dates, or other pertinent factors. Additional allocations may be established when determined by the Director or authorized representative to be appropriate.

(i) a TIER ALLOCATIONS (Low Demand)[244]

BAN	Meter Size	Tier I (hcf)	Tier II (hcf)	Tier III (hcf)	Tier IV (hcf)
1	3/4"	0-8.00	8.01-10.08	10.09-17.64	>17.64
2	--	0-8.00	8.01-13.23	13.24-23.15	>23.15
3	1"	0-10.08	10.09-17.64	17.65-30.87	>30.87
4	--	0-12.60	12.61-22.05	22.06-38.59	>38.59
5	--	0-15.12	15.13-26.46	26.47-46.31	>46.31
6	--	0-17.64	17.65-30.87	30.88-54.02	>54.02
7	1½"	0-20.16	20.17-35.28	35.29-61.74	>61.74
13	2"	0-35.28	35.29-61.74	61.75-108.05	>108.05
29	3"	0-75.60	75.61-132.30	132.31-231.53	>231.53
59	4"	0-151.20	151.21-264.60	264.61-463.05	>463.05
119	6"	0-302.40	302.41-529.20	529.21-926.10	>926.10

(i)b TIER ALLOCATIONS (Peak Demand)[244]

BAN	Meter Size	Tier I (hcf)	Tier II (hcf)	Tier III (hcf)	Tier IV (hcf)
1	3/4"	0-8.00	8.01-15.12	15.13-26.46	>26.46
2	--	0-8.00	8.01-19.85	19.86-34.73	>34.73
3	1"	0-10.08	10.09-26.46	26.47-46.31	>46.31
4	--	0-12.60	12.61-33.08	33.09-57.88	>57.88
5	--	0-15.12	15.13-39.69	39.70-69.46	>69.46
6	--	0-17.64	17.65-46.31	46.32-81.03	>81.03
7	1½"	0-20.16	20.17-52.92	52.93-92.61	>92.61
13	2"	0-35.28	35.29-92.61	92.62-162.07	>162.07
29	3"	0-75.60	75.61-198.45	198.46-347.29	>347.29
59	4"	0-151.20	151.21-396.90	396.91-694.58	>694.58
119	6"	0-302.40	302.41-793.80	793.81-1389.15	>1389.15

(ii) TIER RATES: [218]

Tier I - Base Rate
Tier II - Base Rate x 1.05 [238]
Tier III - Tier Rate II x 1.50
Tier IV - Tier II Rate x 2.50

(iii) OTHER MONTHLY ALLOCATIONS: [225]

Where the District has determined that the M&I tiered or AG allocations are not applicable to the customer, a monthly water allocation established by the District shall apply. M&I Tier II rate shall be applicable for all water used within the allocation. M&I Tier III rate shall be applicable for all water used above and beyond the allocation.

(iv) DELETED[225]

(v) AGRICULTURAL MONTHLY ALLOCATIONS: [225]

(a) Customers' monthly allocations will be calculated by the District and will be based on the irrigated area and the local groundwater available to the District.

(b) DELETED[179]

(vi) AGRICULTURAL (AG) RATES:[225]

(a) AG Tier 1 Rate, as stated in Rule 2-A-2b(ii)a, shall be applicable for all water used within the monthly allocation.[225]

(b) AG Tier II Rate, as stated in Rule 2-A-2b(ii)a, shall be applicable for all water used beyond the monthly allocation. [225]

2-A-2d **PASS THROUGH AND REFUND OF SURCHARGES**[244]

The Calleguas Municipal Water District from time to time may impose surcharges against the District for excessive water conception. In anticipation of the imposition of such surcharges, the following surcharges, subject to refund as provided below, will be imposed for any consumption in the ranges set forth below. The surcharges are in addition to the commodity rates set forth in Rule 2-A-2b(i)a for Municipal and Industrial (M&I) e 2-A-2b(ii)a for Agricultural (Ag)

(i) M&I Surcharge[244]

BAN	Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
1	16.61-19.10	>19.11
2	21.79-25.06	>25.07
3	29.06-33.42	>33.43
4	36.32-41.77	>41.78
5	43.59-50.13	>50.14
6	50.85-58.48	>58.49
7	58.12-66.84	>66.85
13	101.71-116.97	>116.98
29	217.95-250.64	>250.65
59	435.90-501.28	>501.29
119	871.79-1002.56	>1002.57

(ii) Ag Surcharge[244]

Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
Usage 86.3% - 99.2% of 5-year average (2009-2013)	Usage in excess of 99.2% of 5-year average (2009-2013)

In the event that a surcharge is imposed by the District as set forth above an paid by or on behalf of the customer, but the Calleguas Municipal Water District does not impose a corresponding surcharge against the District, the District shall refund the surcharge (without interest), in the manner determined by the Director, within 60 days after the District determines that the Calleguas Municipal Water District will not impose a corresponding surcharge.

If the Director determines, in his or her sole discretion, that the Calleguas Municipal Water District is highly unlikely to impose a corresponding surcharge, the Director may allow customers to defer payment of surcharges imposed by the District after the Director makes such determination unless and until Calleguas Municipal Water District imposes

a corresponding surcharge. The District shall track and notify customers of the amount of any such deferred surcharge payments through its billing system. If the District determines that the Calleguas Municipal Water District will not impose a corresponding surcharge, the District shall forgive the deferred surcharge payments at the same time it refunds surcharges paid, as set forth above.

2-A-2e **DELETED**[211]

2-A-3 **WATERWORKS DISTRICT NO. 16 – PIRU**

2-A-3a **MONTHLY SERVICE CHARGE PER METER:** [220]

Meter Size	Domestic, Agricultural, Commercial and Others
3/4 inch	$ 35.82
1 inch	71.64
1½ inch	143.28
2 inch	250.74
3 inch	537.30
4 inch	1,074.60
6 inch	2,149.20
For each residence on a parcel of land add	$ 35.82

2-A-3b **COMMODITY RATES:** [221]

(i) Municipal and Industrial -

Tier I	$ 1.432/HCF ($ 623.78/AF)
Tier II	$ 2.148/HCF ($ 935.67/AF)
Tier III	$ 3.580/HCF ($1,559.45/AF

(ii) Agricultural [221]

AG Rate	$1.432/HCF($ 623.78/AF)
Disincentive Rate	AG Rate Plus GMA Tier I Surcharge[221]

2-A-3c **TIER ALLOCATIONS (MONTHLY CONSUMPTION-ONE LEVEL ONLY)**[182]

The Peak Demand and Low Demand Billing Cycles will be established by the Director his authorized representative based on weather conditions, billing cycle dates, or other pertinent factors. Additional allocations may be established when determined by the Director or his authorized representative to be appropriate. [182]

DELETED [222]

(i) a Peak Demand Billing Cycles

Billing Adjustment Number	Meter Size	Tier 1 (hcf)	Tier II (hcf)	Tier III (hcf)
1	3/4"	0-22 (548 gpd)	23-39	>39
2	--	0-33	34-58	>58
3	1"	0-44	45-77	>77
4	--	0-55	56-96	>96
5	--	0-66	67-116	>116
6	--	0-77	78-135	>135
7	1½	0-88	89-154	>154
13	2"	0-154	155-270	>270
29	3"	0-330	331-578	>578
59	4"	0-660	661-1155	>1155
119	6"	0-1320	1321-2310	>2310

(i) b Low Demand Billing Cycles

Billing Adjustment Number	Meter Size	Tier 1 (hcf)	Tier II (hcf)	Tier III (hcf)
1	3/4"	0-14 (374 gpd)	15-25	>25
2	--	0-21	22-37	>37
3	1"	0-28	29-49	>49
4	--	0-35	36-61	>61
5	--	0-42	43-74	>74
6	--	0-49	50-86	>86
7	1½	0-56	57-98	>98
13	2"	0-98	99-172	>172
29	3"	0-210	211-368	>368
59	4"	0-420	421-735	>735
119	6"	0-840	841-1470	>1470

(ii) **TIER RATES** 222

Tier I – Base Rate

Tier II – Base Rate x 1.50

Tier III – Base Rate x 2.50

(iii) **INDUSTRIAL, COMMERCIAL, AND OTHER ALLOCATIONS:** 222

At the option of the District, where the tiered allocations are not applicable, a ten percent (10%) reduction from the water requirement as computed by the District shall apply.

(iv) **INDUSTRIAL, COMMERCIAL, AND OTHER RATES:**

(a) Tier I rate shall be applicable for all water used within the percentage reduction goal, established pursuant to 2-A-3c(iii) above. 222

(b) Tier I rate plus GMA Tier I surcharge shall be applicable for all water used above and beyond the percentage reduction goal established pursuant to 2-A-3c(iii).222

(v) **AGRICULTURAL ALLOCATIONS:** 222

(a) Customers annual allocations will be calculated by the District, based on irrigated area, evapotranspiration, effective rainfall, and crop factors. A 10% reduction will be applied to the baseline allocation.

(b) DELETED.

(vi) **AGRICULTURAL RATES:**

(a) AG Rate, as stated in Rule 2-A-3b(ii), shall be applicable for all water used within the percentage reduction goal.

(b) Disincentive Rate shall be AG Rate plus GMA Tier I surcharge for all water used above and beyond the percentage reduction goal. 222

2-A-4 DELETED

2-A-5 DELETED

2-A-6 DELETED

2-A-7 DELETED

2-A-8 WATERWORKS DISTRICT NO. 17 - BELL CANYON

2-A-8a **SERVICE CHARGE PER METER MONTHLY:** 183

Meter Size	Domestic & Others
3/4 inch	6.00
1 inch	12.00
1½ inch	24.00
2 inch	42.00
3 inch	90.00
4 inch	180.00
6 inch	360.00
For each residence on a parcel of land add	6.00

2-A-8b **BOEING NORTH AMERICAN, INC.** 79

Service Charge $5,300.00/month

2-A-8c **LAS VIRGENES WATER DISTRICT**

Service Charge $180.00/month

2-A-8d **COMMODITY RATES:** 245

(i) a Municipal and Industrial

Tier I $3.849/HCF ($1,676.62/AF) 245

Tier II $5.774/HCF ($2,515.15/AF) 245

Tier III $9.623/HCF ($4,191.78/AF) 245

(i) b DELETED 214

(i) c DELETED 214

(ii) DELETED 127

(ii) DELETED 127

(iii) Boeing North American, Inc. 245

DELETED

(iv) Las Virgenes Mutual Water District 244

Commodity Rate $5.774/HCF ($2,515.15/AF)

2-A-8e **MONTHLY CONSUMPTION ALLOCATIONS (M&I)** 234

The Peak Demand and Low Demand Billing Cycles will be established by the Director or his authorized representative based on weather conditions, billing cycle dates, or other pertinent factors. Additional allocations may be established when determined by the Director or his or her 232 authorized representative to be appropriate. 183

The top of Tier II range is 1.75 times Tier I. 215

(i) a Tier Allocations Peak Demand 245

BAN	Meter Size	Tier I (hcf)	Tier II (hcf)	Tier III (hcf)
1	3/4"	0-30.00	30.01-52.50	>52.50
2	--	0-45.00	45.01-78.75	>78.75
3	1"	0-60.00	60.01-105.00	>105.00
4	--	0-75.00	75.01-131.25	>131.25
5	--	0-90.00	90.01-157.50	>157.50
6	--	0-105.00	105.01-183.75	>183.75
7	1½"	0-120.00	120.01-210.00	>210.00
13	2"	0-210.00	210.01-367.50	>367.50
29	3"	0-450.00	450.01-787.50	>787.50
59	4"	0-900.00	900.01-1575.00	>1575.00
119	6"	0-1800.00	1800.01-3150.00	>3150.00

(i) b Tier Allocations Low Demand [245]

BAN	Meter Size	Tier I (hcf)	Tier II (hcf)	Tier III (hcf)
1	3/4"	0-18.00	18.01-31.50	>31.50
2	--	0-27.00	27.01-47.25	>47.25
3	1"	0-36.00	36.01-63.00	>63.00
4	--	0-45.00	45.01-78.75	>78.75
5	--	0-54.00	54.01-94.50	>94.50
6	--	0-63.00	63.01-110.25	>110.25
7	1½"	0-72.00	72.01-126.00	>126.00
13	2"	0-126.00	126.01-220.50	>220.50
29	3"	0-270.00	270.01-472.50	>472.50
59	4"	0-540.00	540.01-945.00	>945.00
119	6"	0-1080.00	1080.01-1890.00	>1890.00

(ii) **TIER RATES:** [215]

Tier I - Base Rate

Tier II - Base Rate x 1.50

Tier III - Base Rate x 2.50

(iii) **AGRICULTURAL ALLOCATIONS:** [129]

(a) DELETED

(b) DELETED

(iv) **AGRICULTURAL RATES:** [129]

(a) DELETED

(b) DELETED

(v) **BOEING NORTH AMERICAN, INC., AND OTHER MONTHLY ALLOCATIONS AND RATES:** [234]

Where the District has determined that the above stated M&I tiered allocations for Peak and Low Demand Billing Cycles are not applicable to a particular customer including but not limited to Boeing North American, Inc., a monthly allocation established by the District shall instead apply to the customer. The M&I Tier I rate, as stated in Rule 2-A-8d(i) (or for Boeing North American, Inc., the company rate stated in Rule 2-A-8d(iii)), shall apply for all water used within the monthly allocation for such customers. M&I Tier II rate, as stated in Rule 2-A-8d(i), shall apply for all water used above and beyond such customers' monthly allocation.

(vi) **LAS VIRGENES MUNICIPAL WATER DISTRICT RATES:** [234]

(a) The commodity rate, as stated in 2-A-8d(iv), shall apply for all water used.

2-A-8f **PASS THROUGH AND REFUND OF SURCHARGES**[245]

The Calleguas Municipal Water District form time to time may impose surcharges against the District for excessive water consumption. In anticipation of the imposition of such surcharges, the following surcharges, subject to refund as provided below, will be imposed for any consumption in the ranges set forth below. The surcharges are in addition to the commodity rates set forth in Rule 2-A-8d.

(i) Surcharge During Peak Demand[245]

BAN	Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
1	30.01-34.51	>34.52
2	45.01-51.76	>51.77
3	60.01-69.01	>69.02
4	75.01-86.26	>86.27
5	90.01-103.51	>103.52
6	105.01-120.76	>120.77
7	120.01-138.01	>138.02
13	210.01-241.51	>241.52
29	450.01-517.51	>517.52
59	900.01-1035.01	>1035.02
119	1800.01-2070.01	>2070.02

(ii) Surcharge During Low Demand[245]

BAN	Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
1	18.01-20.71	>20.72
2	27.01-31.06	>31.07
3	36.01-41.41	>41.42
4	45.01-51.76	>51.77
5	54.01-62.11	>62.12
6	63.01-72.46	>72.47
7	72.01-82.81	>82.82
13	126.01-144.91	>144.92
29	270.01-310.51	>310.52
59	540.01-621.01	>621.02
119	1080.01-1242.01	>1242.02

In the event that a surcharge is imposed by the District as set forth above an paid by or on behalf of the customer, but the Calleguas Municipal Water District does not impose a corresponding surcharge against the District, the District shall refund the surcharge (without interest), in the manner determined by the Director, within 60 days after the District determines that the Calleguas Municipal Water District will not impose a corresponding surcharge.

If the Director determines, in his or her sole discretion, that the Calleguas Municipal Water District is highly unlikely to impose a corresponding surcharge, the Director may allow customers to defer payment of surcharges imposed by the District after the Director makes such determination unless and until Calleguas Municipal Water District imposes a corresponding surcharge. The District shall track and notify customers of the amount of any such deferred surcharge payments through its billing system. If the District determines that the Calleguas Municipal Water District will not impose a corresponding surcharge, the District shall forgive the deferred surcharge payments at the same time it refunds surcharges paid, as set forth above.

2-A-8g DELETED [215]

2-A-9 **WATERWORKS DISTRICT NO. 19 - SOMIS** 208

2-A-9a **SERVICE CHARGE PER METER MONTHLY:** 208

Meter Size	Agricultural	Domestic & Others
3/4 inch	19.25	10.25
1 inch	20.50	20.50
1½ inch	41.00	41.00
2 inch	71.75	71.75
3 inch	153.75	153.75
4 inch	307.50	307.50
6 inch	615.00	615.00
For each residence on a parcel of land add	10.25	10.25

2-A-9b **COMMODITY RATES:** 246

(i) a Municipal and Industrial

Tier I	$2.622/HCF ($1,142.14/AF) 246
Tier II	$3.933/HCF ($1,713.21/AF) 246
Tier III	$6.555/HCF ($2,855.36/AF) 246

(i) b DELETED 212

(i) c DELETED 212

(ii) a Agricultural 208

For parcels less than 5 acres:

AG Tier I Rate	$2.622/HCF ($1,142.14/AF) 246
AG Tier II Rate	$3.933/HCF ($1,713.21/AF) 246

For parcels equal to or greater than 5 acres

AG Tier I Rate	$2.057/HCF ($896.03/AF) 246
AG Tier II Rate	$2.622/HCF ($1,142.14/AF) 246

GMA Tier 1 Surcharge. 212

(ii) b. DELETED 212

(iii) Lift Charge 208

Rate $0.2190/hcf ($95.40/af)

2-A-9c **TIER ALLOCATIONS (MONTHLY CONSUMPTION)** 186

The Peak Demand and Low Demand Billing Cycles will be established by the Director or his authorized representative based on weather conditions, billing cycle dates, or other pertinent factors. Additional Billing Adjustment Numbers and corresponding allocations may be established when determined by the Director or his authorized representative to be appropriate.

The top of Tier II range is 1.75 times Tier I. 213

(i) a **Tier Allocations** (Peak Demand) 246

BAN	Meter Size	Tier I (hcf)	Tier II (hcf)	Tier III (hcf)
1	3/4"	0-19.50	19.51-34.13	>34.13
2	--	0-29-25	29.26-51.19	>51.19
3	1"	0-39.00	39.01-68.25	>68.25
4	--	0-48.75	48.76-85.31	>85.31
5	--	0-58.50	58.51-102.38	>102.38
6	--	0-68.25	68.26-119.44	>119.44
7	1½"	0-78.00	78.01-136.50	>136.50
13	2"	0-136.50	136.51-238.88	>238.88
29	3"	0-292.50	292.51-511.88	>511.88
59	4"	0-585.00	585.01-1023.75	>1023.75
119	6"	0-1170.00	1170.01-2047.50	>2047.50

(i) b **Tier Allocations** (Low Demand) 246

BAN	Meter Size	Tier I (hcf)	Tier II (hcf)	Tier III (hcf)
1	3/4"	0-13.50	13.51-23.63	>23.63
2	--	0-20.25	20.26-35.44	>35.44
3	1"	0-27.00	27.01-47.25	>47.25
4	--	0-33.75	33.76-59.06	>59.06
5	--	0-40.50	40.51-70.88	>70.88
6	--	0-47.25	47.26-82.69	>82.69
7	1½"	0-54.00	54.01-94.50	>94.50
13	2"	0-94.50	94.51-165.38	>165.38
29	3"	0-202.50	202.51-354.38	>354.38
59	4"	0-405.00	405.01-708.75	>708.75
119	6"	0-810.00	810.01-1417.50	>1417.50

(ii) **TIER RATES:** 213

Tier I - Base Rate
Tier II - Base Rate x 1.50
Tier III - Base Rate x 2.50

(iii) **INDUSTRIAL, COMMERCIAL, AND OTHER ALLOCATIONS:**

Where the District has determined that the M&I tiered or AG allocations are not applicable to the customer, a monthly water allocation established by the District shall apply. M&I Tier I rate, as stated in Rule 2-A-9b, shall be applicable for all water used within the allocation. M&I Tier II rate, as stated in Rule 2-A-9b, shall be applicable for all water used above and beyond the allocation. 233

(iv) Deleted 233

(v) **AGRICULTURAL ALLOCATIONS:** 246

(a) Customers' monthly allocations, for properties equal to or greater than five (5) acres, will be calculated by the District and will be based on the irrigated area and the local ground water available to the District. 233

(b) Customers' monthly allocations, for properties of less than five acres, are as follows: 246

Tier I (HCF)	Tier II (HCF)
0-72.69	>72.70

(c) Rule 2-A-1d shall apply to all AG customers in the District. 246

(vi) **AGRICULTURAL RATES:** 123

(a) For AG customers with properties equal to or greater than five (5) acres, the AG Tier I Rate for such properties, as stated in Rule 2-A-9b(ii)a, shall be applicable for all water used within the monthly allocation. 233

(b) For AG customers with properties equal to or greater than five (5) acres, the AG Tier II rate for such properties, as stated in Rule 2-A-9b(ii)a, shall be applicable for all water used above and beyond the monthly allocation. 233

(c) DELETED.

2-A-9d **PASS THROUGH AND REFUND OF SURCHARGES** 246

The Calleguas Municipal Water District from time to time may impose surcharges against the District for excessive water consumption. In anticipation of the imposition of such surcharges, the following surcharges, subject to refund as provided below, will be imposed for any consumption in the ranges set forth below. The surcharges are in addition to the commodity rates set forth in Rule 2-A-9b(i)a, for Municipal and Industrial (M&I), and Rule 2-A-9b(ii)a, for Agricultural (Ag) accounts.

(i)a M&I Surcharge During Peak Demand246

BAN	Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
1	35.83-41.21	>41.22
2	53.75-61.81	>61.82
3	71.66-82.41	>82.42
4	89.58-103.01	>103.02
5	107.49-123.62	>123.63
6	125.41-144.22	>144.23
7	143.33-164.82	>164.83
13	250.82-288.44	>288.45
29	537.47-618.09	>618.10
59	1074.94-1236.18	>1236.19
119	2149.88-2472.36	>2472.37

(i)b M&I Surcharge During Low Demand[246]

BAN	Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
1	30.24-34.78	>34.79
2	45.36-52.16	>52.17
3	60.48-69.55	>69.56
4	75.60-86.94	>86.95
5	90.72-104.33	>104.34
6	105.84-121.72	>121.73
7	120.96-139.10	>139.11
13	211.68-243.43	>243.44
29	453.60-521.64	>521.65
59	907.20-1043.28	>1043.29
119	1814.40-2086.56	>2086.57

(i)c Ag > 5 acres Surcharge[246]

Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
Usage 92.9% - 106.8% of 5-year average (2009-2013)	Usage in excess of 106.8% of 5-year average (2009-2013)

(i)d Ag < 5 acres Surcharge[246]

Surcharge of $3.398 per HCF	Surcharge of $6.795 per HCF
90.04-103.55	>103.56

In the event that a surcharge is imposed by the District as set forth above and paid by or on behalf of the customer, but the Calleguas Municipal Water District does not impose a corresponding surcharge against the District, the District shall refund the surcharge (without interest), in the manner determined by the Director, within 60 days after the District determines that the Calleguas Municipal Water District will not impose a corresponding surcharge.

If the Director determines, in his or her sole discretion, that the Calleguas Municipal Water District is highly unlikely to impose a corresponding surcharge, the Director may allow customers to defer payment of surcharges imposed by the District after the Director makes such determination unless and until Calleguas Municipal Water District imposes a corresponding surcharge. The District shall track and notify customers of the amount of any such deferred surcharge payments through its billing system. If the District determines that the Calleguas Municipal Water District will not impose a corresponding surcharge, the District shall forgive the deferred surcharge payments at the same time it refunds surcharges paid, as set forth above. 246

2-A-9e **DELETED** 213

2-A-10 **MINIMUM TIERED ALLOCATIONS:**

When it becomes necessary to bill for a partial billing cycle, tiered allocations shall be prorated on a daily basis.72

2-A-11 **WATER ALLOCATION APPEALS:**

The Director or his designated representative may consider customer requests for increased water allocations. Increases may be approved on the basis of need - as determined by the number of residents in the household, special medical needs, livestock, fruit trees, landscape area, or other essential water requirements - and water conservation practices. 189

PART 2 - SECTION B - WATER RATES FOR MISCELLANEOUS SERVICES

2-B-1 **PUBLIC WATER SERVICE:** Charges for water service furnished governmental agencies and Districts shall be equivalent to the rates in Section A except that unmetered service may be granted, but the billing units may be estimated by the District.

2-B-2 **AGRICULTURAL WATER SERVICE:** The Engineer may establish special rates solely for agricultural purposes either metered or on a flat rate subject to approval of the Board.

2-B-3 **TEMPORARY WATER SUPPLY:** The charge for service located out of the District or other temporary water supply as defined in Rule 1-H-4 shall be determined by the Director per rates set forth in Rule 2-A-2b, 3b, 8d, or 9b.[190]

Temporary water supply is interruptible. [190]

2-B-4 **CONSTRUCTION WATER SERVICE (UNMETERED):** Unmetered water service shall be considered a temporary water supply and is interruptible. Charges for unmetered water supplies in any District for construction purposes shall be computed as follows: [190]

1. TRUCK LOADS: To be charged per Rule 2-B-3. [190]
2. RESIDENTIAL LOT CONNECTIONS: Water used for construction of residences shall be charged per Rule 2-B-3, and shall be billed either monthly or bimonthly. [190]

2-B-5 **CONSTRUCTION FIRE HYDRANT METER WATER SERVICE (METERED):**

The District may require that all water used in construction be metered, in which event, the District will furnish, install and remove the meter, valve, and fittings to be located at a fire hydrant or other convenient point in the system.

If the Ventura County Fire Protection District requests that the fire hydrant openings be unobstructed at all times, a charge of $100.00 shall be paid for the installation and removal of a tee and extra valve.

The applicant shall be responsible for the loss or damage to the meter or other equipment used.

The fire hydrant meter requires a Trust Deposit plus an installation fee payable in advance, unless waived by the Director. The trust deposit and installation fee shall be determined by the Director, and shall reflect the cost of the meter and actual labor costs for the installation. [190]

The service charge and commodity rate for construction/fire hydrant meter service, or any other temporary water supply, shall be determined by the Director. [190]

2-B-6 **AUTOMATIC FIRE SPRINKLER SERVICE/FIRE SERVICE:**

The rates to be charged for water service and water consumed by private fire lines exclusively used for fire protection, whether such lines are attached to automatic sprinkler systems, fire hydrants, or hose attachments shall be as follows: [34]

Size of Service Connection	Monthly Charge
2 inch and smaller	$ 7.00
3 inch	10.00
4 inch	15.00
6 inch	25.00
8 inch	40.00
10 inch	60.00

The charge for fire connection sizes not indicated shall be determined by the Director. 190

2-B-7 DELETED

2-B-8 **MISCELLANEOUS CHARGES** 63

Water availability letter	$ 40.00
Sewer availability letter 67	$40.00
Water will-serve letter	$40.00
Sewer will-serve letter 67	$40.00
Fire Flow Test and Letter	$80.00
Annual average water consumption or any other letter not specified herein	$25.00
Water and Sewer Construction Permit Issuance Fee 72	$60.00
Ventura County Waterworks Districts Rules and Regulations (per copy) 75	$50.00

2-B-8a **PERSONALIZED SERVICE** 166

Penalty/Late Fee	10% of balance ($10.00 minimum)
48 Hour Notice of Pending Shut-Off	$20.00
Returned Check/Non-Sufficient Fund (NSF) Notice	$20.00
Shut-off Notice	$25.00
Service turn-on after regular business hours	$50.00

2-B-8b Returned Check Charge 166 $25.00

2-B-8c Backflow Noncompliance Notice 166 $20.00

(i) Service turn-off due to backflow non-compliance $60.00

(ii) Removal and installation of meter due to backflow non- compliance. Actual cost incurred by

		the District
2-B-8d	Meter Inaccessible Notice (reread) [166]	$20.00

2-B-8e All payment arrangements must be prearranged with the business office prior to service interruption. Service turned off for nonpayment and/or NSF checks will not be restored until full payment, including all charges, is presented in the business office. This shall not preclude the Manager or his authorized representative from approving an alternate payment arrangement for a customer experiencing an extreme financial hardship or medical emergency. The District representative will otherwise not accept partial payments, and in no event will payment for an NSF check be accepted in the form of another check, unless it is a certified or cashier's check, or unless by written statement from the customer's banking institution it is determined that the NSF check resulted from an error on the part of the banking institution or through no fault of the customer. In order to avoid the after hours turn-on charge, payment must be presented prior to the close of business on normal work days. [166]

2-B-8f DELETED [166]

2-B-8g No customer with a backflow device noncompliance shut-off will be turned back on other than between the hours of 8:00 a.m. and 5:00 p.m. All backflow device shut-off notices must be cleared by the District before the water can be turned on. [63]

PART 3 - SECTION A – SCHEDULE OF RATES AND CHARGES FOR CONSTRUCTION SERVICE

RULE

TYPES OF CHARGES

Charges shall be made for services rendered by Waterworks Districts for the herein described classes of service. Such charges so collected shall be deposited in the General Funds of the District.

3-A-1 **INTERCONNECTION CHARGES**: The Waterworks Districts will supervise interconnections between the existing water system of the District and the system as follows:

Such connections shall not be made final until all charges therefore have been paid.

(a) For interconnections done by the developer, the District will operate all valves and directly supervise the work of the developer in making the connection between the existing system of the District and the system installed by the developer. The private contractor shall furnish all materials and other labor to make the interconnections, including performing all resurfacing and other work necessary to produce the finished result. [37]

1.	For interconnection to 6" and smaller Water main	$ 75.00
2.	For 8" water main	100.00
3.	For 10" water main	125.00
4.	For 12" water main	160.00

5. For interconnection to larger sized mains, the charge will be determined based on engineering determination of current costs.

(b) For interconnection done by the District, the District will perform all work and furnish all materials to make the interconnection for a charge based on an engineering estimate of current costs.

3-A-2 **INSTALLATION CHARGES FOR PERMANENT METERS AND SERVICES FURNISHED BY THE DISTRICT**: [83]

Charges for furnishing and installing service connections and meters with District forces are as follows:

(a) Meter installed on existing service connection including all necessary fittings (**NOTE: These charges do not include the installation of service connection from main to meter or meter box.)**

¾" Positive Displacement Meter	$	360
1" Positive Displacement Meter	$	395
1 ½" Positive Displacement Meter	$	620

1 ½" Turbine Meter	$	880
2" Positive Displacement Meter	$	740
2" Turbine Meter	$	950
3" Turbine Meter	$	1,250
4" Turbine Meter	$	1,935
6" Turbine Meter	$	2,970

Charges for larger and/or compound meters shall be determined by the District from current costs. A minimum charge of $2,500.00 will be required at time of request for the meter. Applicant will be billed for actual costs (including overhead).

(b) Service connections without meter, including tapping the water main, tubing from main to meter, meter box, all valves and necessary fittings, labor, jacking, or boring, excavating, backfilling, resurfacing, road encroachment permit, and all other necessary work:

A deposit based on the Director's estimate of cost will be required from the applicant at time of request for service installation. Applicant will be billed for actual costs (including overhead) after completion of installation. 191

3-A-3 **CHARGES FOR MISCELLANEOUS CONSTRUCTION SERVICES:**

The District may perform the following construction services, the charges for which shall be determined by an engineering estimate of current costs: water main extensions, meter relocations, extensions to existing service connections, and replacement of meter boxes and meter box covers. 79

3-A-4 DELETED

3-A-5 DELETED

3-A-6 DELETED

3-A-7 DELETED

3-A-8 **FIRE HYDRANT INSTALLATION CHARGES**: The District will furnish and install fire hydrants, including all necessary labor, materials, and permits for a charge based on an engineering estimate of current costs.

3-A-9 **CAPITAL IMPROVEMENT CHARGE**: The charge for Capital Improvement shall be computed, at the option of the District, from the schedule listed below for various districts. When the charge is based on acreage, it shall be computed on the gross area of the parcel which includes streets that lie within the parcel. When acreage charge is used, commercial development shall include, but not be limited to, motels, hotels, trailer parks and multiple residential developments.

NOTE: A single residential lot is considered to be 8,000 square feet or less.35

SCHEDULES FOR DISTRICTS: The Capital Improvement Charges for various districts are as follows:

(a) WATERWORKS DISTRICT NO. 1 - MOORPARK 231

Adjustment is based on Engineering News-Record Construction Cost Index for the Los Angeles Region from January 1, 2015 (10,999.00) to June 13, 2016 (11,148.28)[3]. 233

RESIDENCES 236

Single Family	$ 2,592
Condominium Unit	2,592
Apartment Unit	2,592
Mobile Home Space	2,592

CHARGE BASED ON METER SIZE 236

5/8" or 3/4" Meter	$ 2,592
1" Meter[1]	5,184
1 ½" Meter	10,367
2" Meter	18,142
3" Meter	38,876
4" Meter	77,751
6" Meter	155,503

CHARGE BASED ON ACREAGE[2] 236

Commercial Development	$ 9,070
Industrial Development	9,329
Public Development	5,182

[1]Where a 1" Meter is necessary for residential fire sprinklers or other means of fire protection required by the Fire Protection District, or a larger meter is needed to compensate for water system pressure, the ¾" Meter charge shall apply.

[2]Per acre or any fraction thereof.

[3]Adjustment is based on Engineering New Record Construction Cost Index for the Los Angeles Region from January 1, 2015 (10,999.00) to June 13, 2016 (11,148.28).

(b) WATERWORKS DISTRICT NO. 16 - PIRU 73a

RESIDENCES

Single Family, Condominium Unit, Apartment Unit and Mobile Home Space	$ 500/Each

CHARGE BASED ON METER SIZE

3/4 inch	$ 500
1 inch	1,000
1 1/2 inch	2,000
2 inches	3,500
3 inches	7,500
4 inches	15,000
6 inches	30,000

CHARGES BASED ON ACREAGE

Per Acre or any fraction thereof:	
Commercial development	$ 2,000
Industrial development	$ 2,500

These capital improvement charges will be applicable for any developer requesting a will-serve letter after December 31, 1994.

Where a 1-inch meter is necessary for residential fire sprinklers or other means of fire protection required by the Fire Protection District, the ¾" inch meter charge shall apply.

Waterworks District No. 16 (Piru) water system shall provide fire service to its customers only. A property owner may obtain fire service by becoming a customer of the District upon paying the applicable fee in accordance with the approved Rules and Regulations.

Any property owner requesting water service from the District shall obtain a "Warring Release" from Warring Water Service, Inc. from where the District receives its water supply.

(c) DELETED

(d) DELETED

(e) DELETED

(f) **WATERWORKS DISTRICT NO. 17 - BELL CANYON** [34]

RESIDENCES

Single Family	$ 180
Each Condominium Unit	180
Each Apartment Unit	180
Each Mobile Home Space	180

CHARGE BASED ON METER SIZE

5/8" or 3/4" meter	$ 180
1" meter	360
1½" meter	720
2" meter	1,260
3" meter	2,700
4" meter	5,400
6" meter	10,800

CHARGE BASED ON ACREAGE

Residential development, per acre, or any fraction thereof	$ 540
Commercial development, per acre, or any fraction thereof	630
Industrial development, per acre, or any fraction thereof	720

(g) DELETED

(h) DELETED

(i) DELETED

(j) DELETED

(k) **WATERWORKS DISTRICT NO. 19 - SOMIS** [58]

RESIDENCES

Single Family	$ 2,000
Condominium Unit	2,000
Apartment Unit	2,000
Mobile Home Space	2,000

CHARGE BASED ON METER SIZE

5/8" or 3/4" Meter	$ 2,000
*1" Meter	4,000
1 ½" Meter	8,000
2" Meter	14,000
3" Meter	30,000
4" Meter	60,000
6" Meter	120,000

CHARGE BASED ON ACREAGE

PER ACRE OR FRACTION THEREOF:

Commercial Development	$ 7,000
Industrial Development	8,000

* Where a 1 inch meter is necessary for residential fire sprinklers or other means of fire protection required by the Fire Protection District, the 3/4 inch meter charge shall apply.

3-A-10 FIRE FLOW REQUIREMENTS: When any parcel of land and/or building requires a fire flow of 1,500 gpm, such additional fire flow shall be provided by the owner of the parcel or the building and at the owner's expense. [40]

PART 4 - STANDARD PLAN NOTES FOR THE CONSTRUCTION OF WATER SYSTEMS OR IMPROVEMENTS WITHIN COUNTY WATERWORKS DISTRICTS

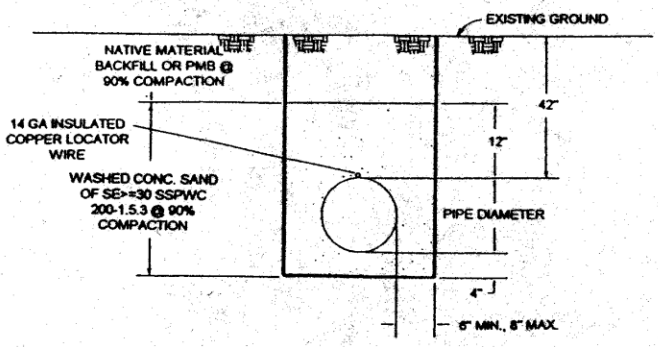
Section 451 of the County of Ventura Standard Land Development Specifications is incorporated herein by reference.

The attached Water Construction Standards (Plate Nos. 1-19 and 29) are incorporated herein. [77]

VENTURA COUNTY WATERWORKS DISTRICT NO. 1, 16, 17 & 19
WATER CONSTRUCTION STANDARDS

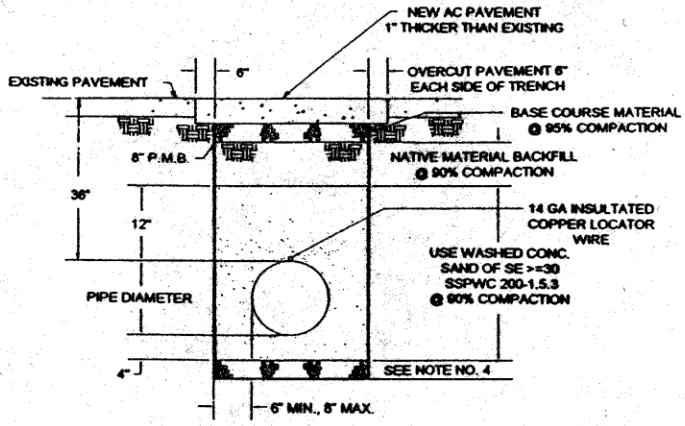
TABLE OF STANDARD PLATES

DESCRIPTION	PLATE NO.
Trench Details	1
Valve Box Installation	2
Air and Vacuum Valve Installation, 1" and 2"	3
Air Gap Detail	4
Dual Meter Installation	5
Water Meter Service Installation, 3/4" - 2"	6
Water Meter Service Installation, 3" & 4"	7
Fire Hydrant Installation	8
Fire Hydrant Miscellaneous Details	9
Blow-Off Installation, 2" and 4"	10
Mechanical Tapping Sleeve Detail	11
Double Detector Check Valve	12
Reduced Pressure Backflow Device	13
Valve Location at Intersections	14
Pipe Encasement, Casing & Abandonment	15
Trench Stabilizer Details	16
Meter Box Clearance Details	17
Utility Undercrossing Detail	18
Thrust and Anchor Blocks Details	19
Current Material List	29



TYPICAL BACKFILL FOR UNPAVED AREAS

NOT TO SCALE



TYPICAL BACKFILL FOR PAVED AREAS

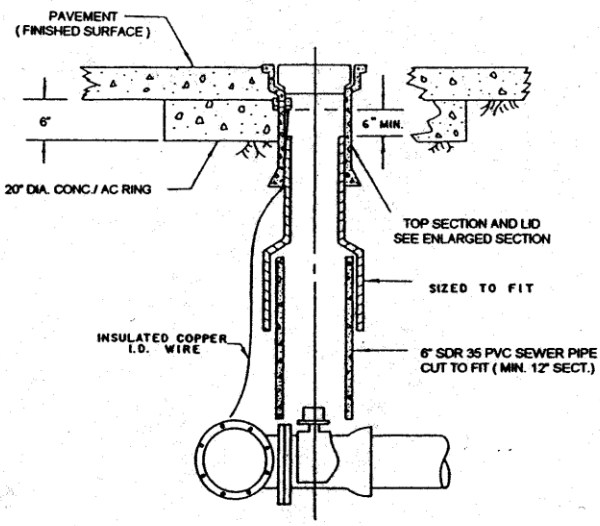
NOT TO SCALE

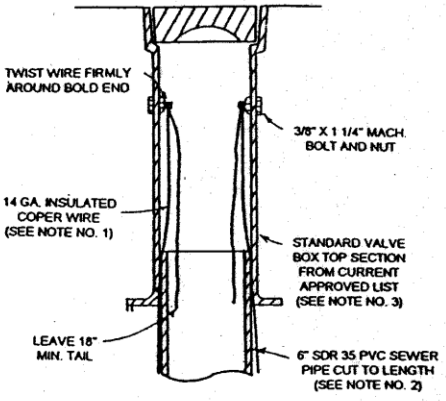
NOTES:

1. MAINTAIN 36" COVER FOR 10" AND SMALLER PIPES IN PAVED AREAS.
2. MAINTAIN 42" COVER FOR 12" AND LARGER PIPES IN PAVED AREAS, AND FOR ALL PIPES IN UNPAVED AREAS.
3. BEDDING SHALL EXTEND 4" MINIMUM BELOW PIPE IF TRENCH BOTTOM MATERIAL DOES NOT MEET S.E. 30.
4. FOUNDATION SHALL BE REQUIRED IF NATIVE MATERIAL IS SOFT, SPONGY OR UNSTABLE. FOUNDATION MATERIALS SHALL BE THE SAME AS BEDDING AND COMPACTED TO 95% RELATIVE DENSITY.

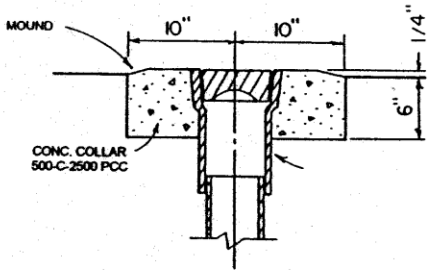
VENTURA COUNTY WATERWORKS DISTRICT NO. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR.PUB.WKS.	TRENCH DETAILS	PLATE NO. 1
RECOMMENDED BY: DPTY. DIR. PUB.WKS.		

B:\PLATES\PLATE1.DOC
7/17/96





TOP SECTION AND LID



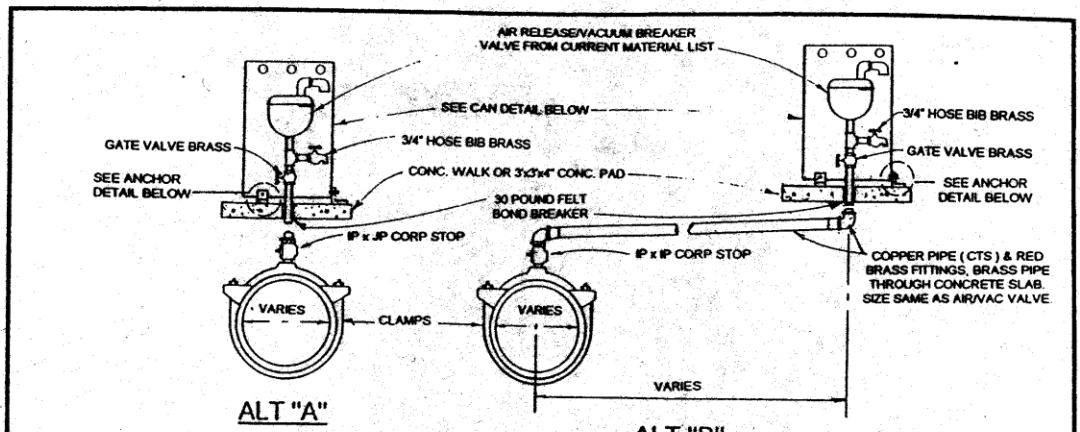
CONCRETE COLLAR
FOR VALVE BOXES

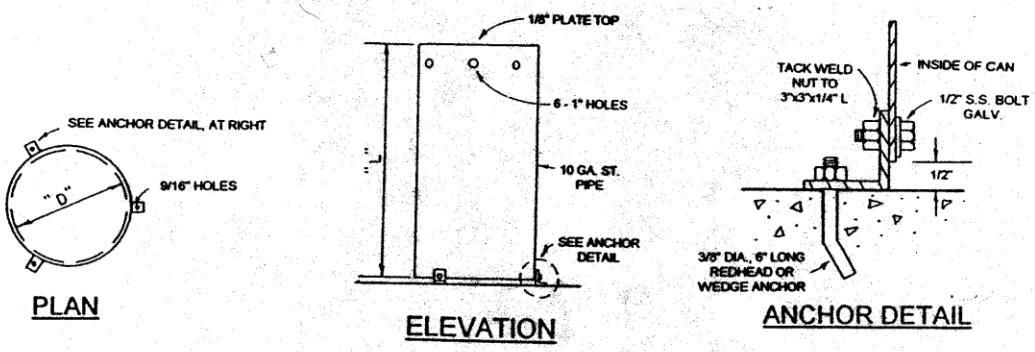
NOTES:

1. IDENTIFICATION WIRE TO BE BARED AND ATTACHED MECHANICALLY TO TEE AND VALVE.
2. IF DEPTH FROM VALVE BOX TOP TO VALVE OPERATING NUT IS GREATER THAN 42", AN APPROPRIATE VALVE EXTENSION SHALL BE INSTALLED.
3. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	VALVE BOX INSTALLATION	PLATE NO. 2
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE2.DOC
7/17/96





CAN DETAIL

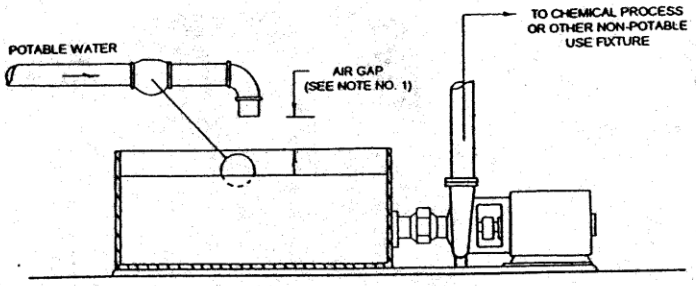
NOTES:

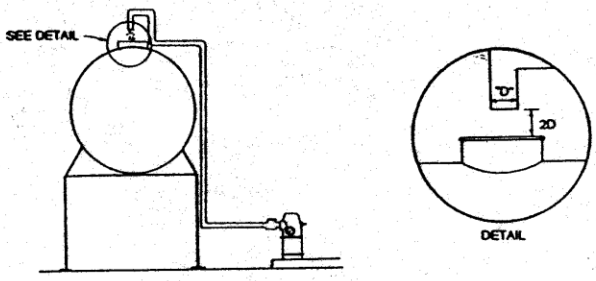
1. MAIN TAP SHALL BE WITH AN APPROVED SERVICE CLAMP ON A.C., P.V.C. OR D. I. PIPE ON A WELDED COUPLING ON STEEL PIPE. (ALTERNATE "B" ONLY)
2. THE CAN SHALL BE PAINTED INSIDE AND OUTSIDE WITH "SAFETY" YELLOW IN ACCORDANCE WITH "AWWA C503."
3. IF AIR VALVE IS ANCHORED TO STRUCTURE, CAN SHALL BE OMITTED.
4. VALVE SIZE SHALL BE 1" FOR 10" OR SMALLER PIPE SIZE, 2" FOR 12" OR LARGER PIPE SIZE OR AS DIRECTED BY DISTRICT ENGINEER.
5. "D" FOR 1" VALVE = 12" "L" FOR 1" VALVE = 24"
   "D" FOR 2" VALVE = 18" "L" FOR 2" VALVE = 26"
6. BARRICADE SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 306-10.5.
7. VALVE CAN SHALL BE LOCATED 12" CLEAR AWAY FROM THE CURB OR BEHIND SIDEWALK.
8. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

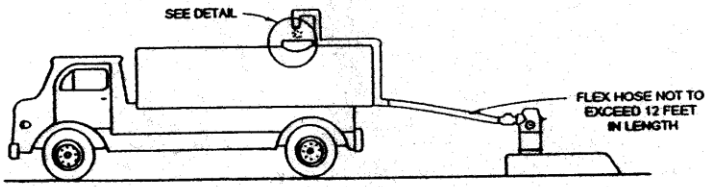
VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19

ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS. RECOMMENDED BY: DPTY. DIR. PUB. WKS.	AIR AND VACUUM VALVE INSTALLATION 1" AND 2"	PLATE NO. 3

B:\PLATES\PLATE3.DOC
7/17/96





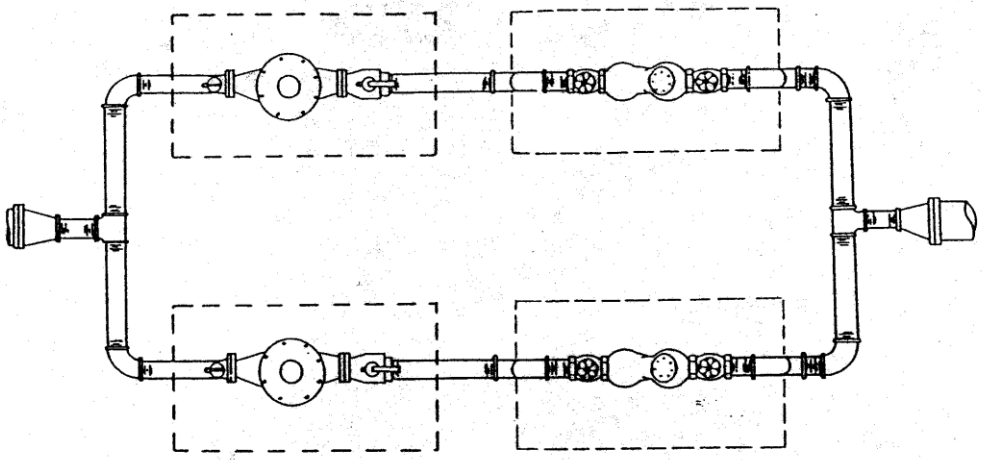


NOTES:

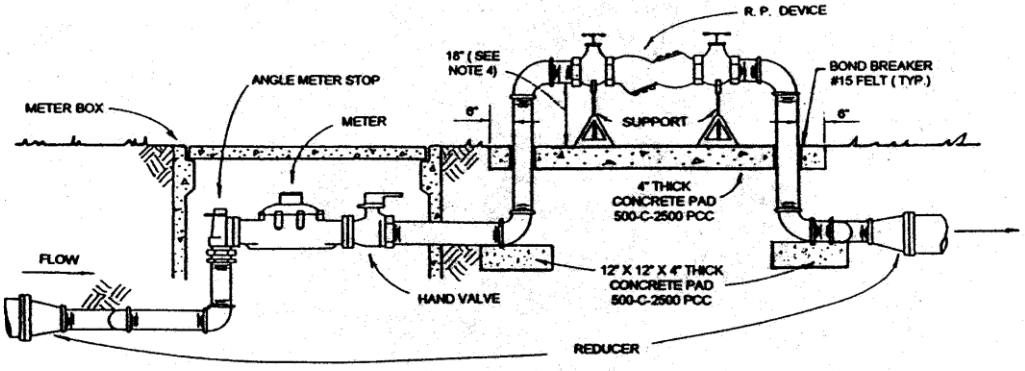
1. ALL WATER TANKS SHALL BE EQUIPPED WITH AN APPROVED AIR GAP. THE AIR GAP SHALL BE AT LEAST TWICE THE DIAMETER OF THE SUPPLY PIPE AND IN NO CASE LESS THAN 1".
2. PIPE LINE BETWEEN METER AND AIR GAP SHALL BE EXPOSED WITH NO CONNECTIONS BETWEEN METER AND AIR GAP.
3. APPROVED RP DEVICE SHALL BE INSTALLED IF AIR GAP CANNOT BE MADE.
4. ALL HOSES USED TO CONNECT PUBLIC WATER SYSTEM TO WATER TANKS SHALL BE KEPT IN SANITARY CONDITION AT ALL TIMES.
5. WHERE ELEVATED TANKS ARE HOOKED DIRECTLY TO FIRE HYDRANTS, AN AUTOMATIC VALVE SHALL BE REQUIRED THAT SHALL OPEN AND CLOSE AT A RATE THAT SHALL NOT CAUSE AN EXCESSIVE "HAMMER" TO THE SYSTEM.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	AIR GAP DETAIL	PLATE NO. 4
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE4.DOC
7/18/96



PLAN



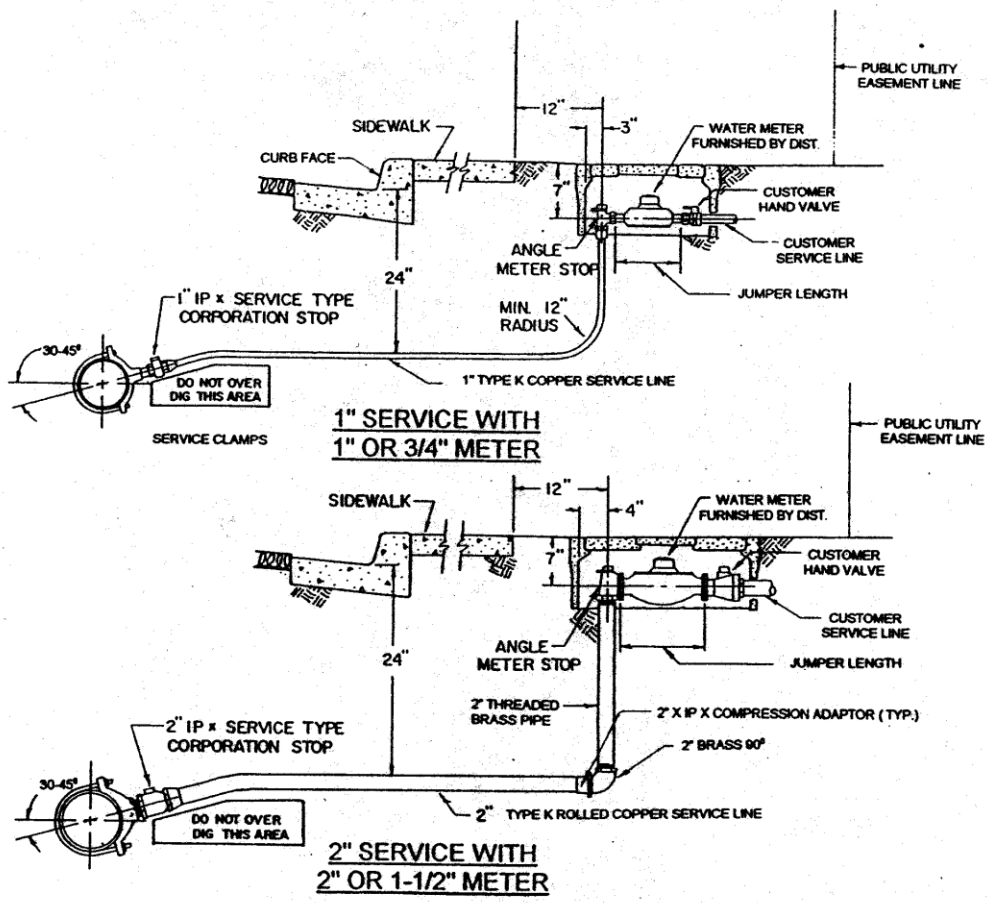
SECTION

NOTES:

1. THIS DETAIL IS FOR GENERAL INSTALLATION CONDITIONS ONLY. EACH INDIVIDUAL INSTALLATION SHALL BE APPROVED BY THE DISTRICT PRIOR TO CONSTRUCTION.
2. METER SIZE AND TYPE SHALL BE DETERMINED BY THE DISTRICT.
3. AFTER INSTALLATION DEVICE SHALL BE TESTED BY A VENTURA COUNTY CERTIFIED BACKFLOW DEVICE TESTER. DEVICE SHALL BE INSPECTED AND APPROVED BY A DISTRICT REPRESENTATIVE PRIOR TO ACCEPTANCE.
4. MAINTAIN 18" CLEARANCE FROM REDUCED PRESSURE BACKFLOW DEVICE RELIEF OUTLET TO CONCRETE PAD.
5. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS. RECOMMENDED BY: DPTY. DIR. PUB. WKS.	DUAL METER INSTALLATION	PLATE NO. 5

B:\PLATES\PLATE5.DOC
7/17/96

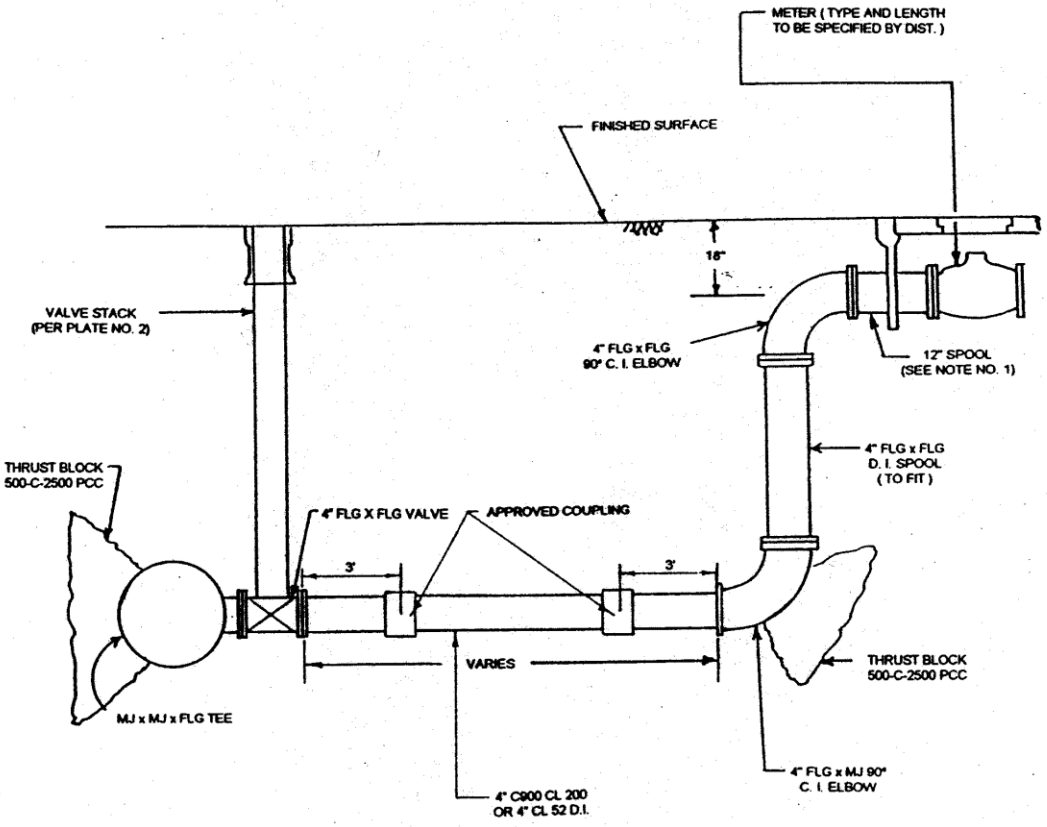


NOTES:

1. JUMPER SHALL BE SUPPLIED BY THE DISTRICT AND INSTALLED BY THE OWNER'S CONTRACTOR.
2. FOR PARKWAY AND SIDEWALK CONSTRUCTION, TO R/W OR WHEN SLOPE INTERFERENCE EXISTS ANGLE METER STOP SHALL BE SET 12" BEHIND CURB.
3. A 14 GA. INSULATED COPPER TRACER WIRE SHALL BE INSTALLED WITH ALL SERVICES AND CONNECTED TO EXISTING WIRE AT MAIN LINE. THE TRACER WIRE SHALL BE STRIPPED AND ATTACHED TO THE ANGLE STOP. THE TRACER WIRE SHALL BE ATTACHED TO THE TUBING EVERY 10'.
4. SOLDERING TO COPPER IS NOT ALLOWED TO EXTEND RUN ON COMPRESSION FITTINGS. USE SOLID PIECE OF PIPE.
5. CURRENT MATERIAL LIST AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	WATER METER SERVICE INSTALLATION, 3/4" - 2"	PLATE NO. 6
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE6.DOC
8/12/96

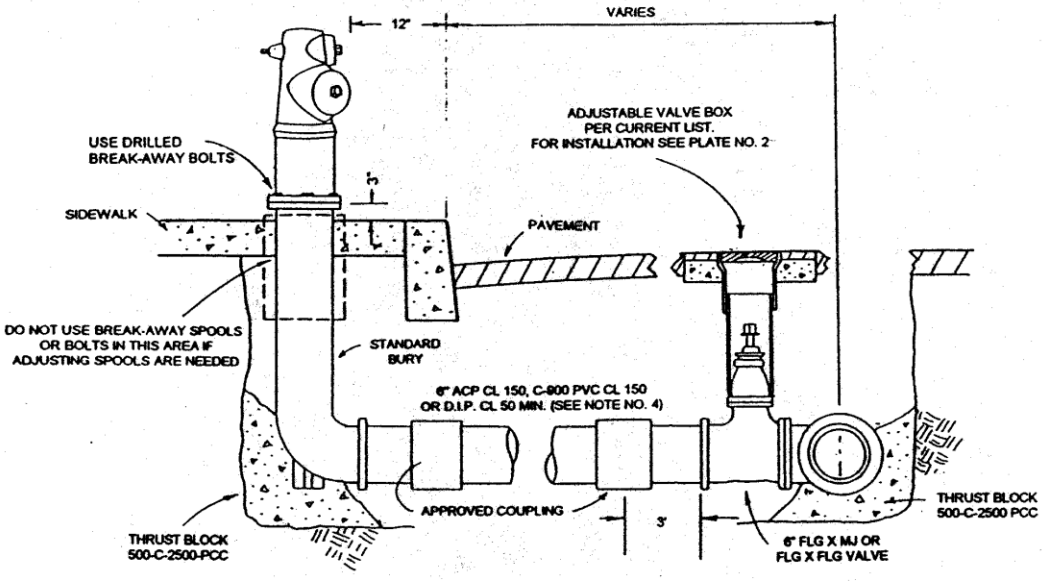


NOTES:

1. 3" SERVICE SHALL HAVE A 4" x 3" FLG x FLG C.I. ADAPTER AND A 3" x 6" FLG x FLG C.I. SPOOL IN PLACE OF THE 4" x 12" SPOOL.
2. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	WATER METER SERVICE INSTALLATION, 3" & 4"	PLATE NO. 7
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE7.DOC
7/18/96

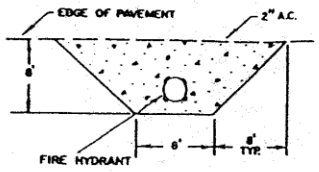


NOTES:

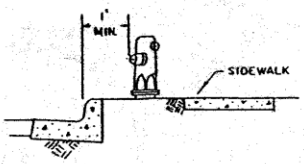
1. FIRE HYDRANT CAPS AND OPERATOR STEMS SHALL BE EQUIPPED WITH OPERATOR NUTS MEASURING 1-3/4" POINT TO FLAT.
2. FIRE HYDRANT SHALL BE PAINTED WITH SAFETY YELLOW IN ACCORDANCE WITH AWWA C503.
3. NO PART OF THE HYDRANT FLANGE, BURY FLANGE OR ADJUSTING SPOOL FLANGE SHALL BE WITHIN THE CONCRETE SIDEWALK.
4. IF THE STATIC WATER PRESSURE AT THE POINT OF HYDRANT INSTALLATION EXCEEDS 130 PSIG, PIPE SHALL BE CLASS 200 FOR ACP AND PVC AND CLASS 52 FOR D.I.P.
5. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	FIRE HYDRANT INSTALLATION	PLATE NO. 8
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

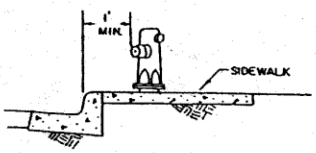
B:\PLATES\PLATE8.DOC
7/17/96



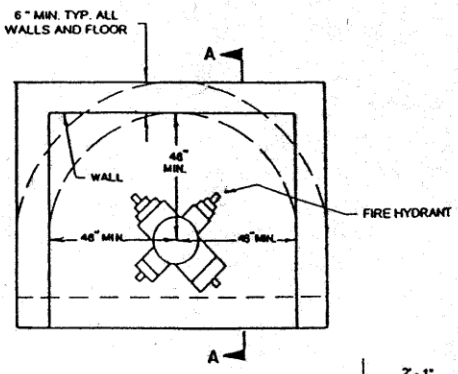
FIRE HYDRANT IN STREET SHOULDER



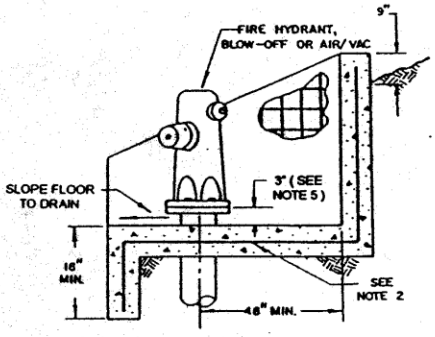
CASE I



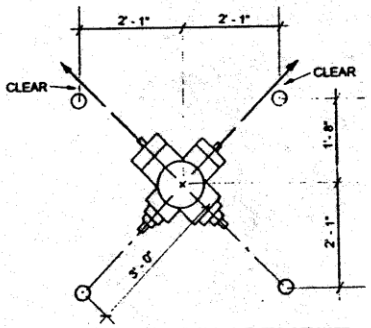
CASE II



PLAN



SECTION A-A
CONCRETE (OR BLOCK) RETAINING WALL
(TO BE USED WHERE GROUND SLOPE EXCEEDS 30% OR AS REQUIRED)



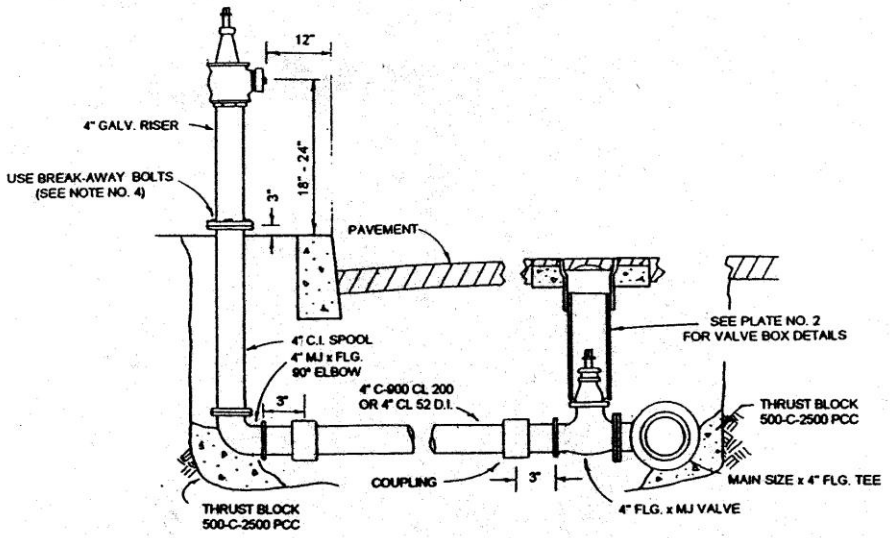
BARRICADE PLACEMENT
(WHEN SPECIFIED)

NOTES:

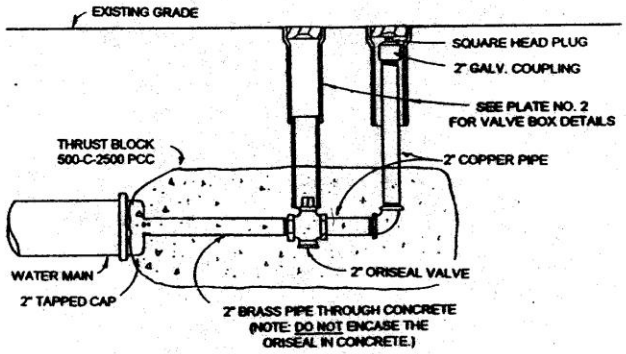
1. ALL REBARS SHALL BE NO. 4 @ 12" O.C.. CONCRETE BLOCK MAY BE SUBSTITUTED FOR WALL SECTION. CONSULT LOCAL BUILDING AND SAFETY FOR ALL WALLS HIGHER THAN 30". CONSULT LOCAL AUTHORITY FOR SIDEWALK BUMP-OUT IN CASE II.
2. BARRICADES SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 306-10.5. REFER TO PLATE NO. 8 FOR OTHER DETAILS.
3. LOCATION OF FRONT BARRICADES SHALL BE ADJUSTED TO PROVIDE CLEARANCE FOR DISCHARGE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	FIRE HYDRANT MISCELLANEOUS DETAILS	PLATE NO. 9
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE9.DOC
7/18/96



2-1/2" x 4" PERMANENT LINE BLOW-OFF



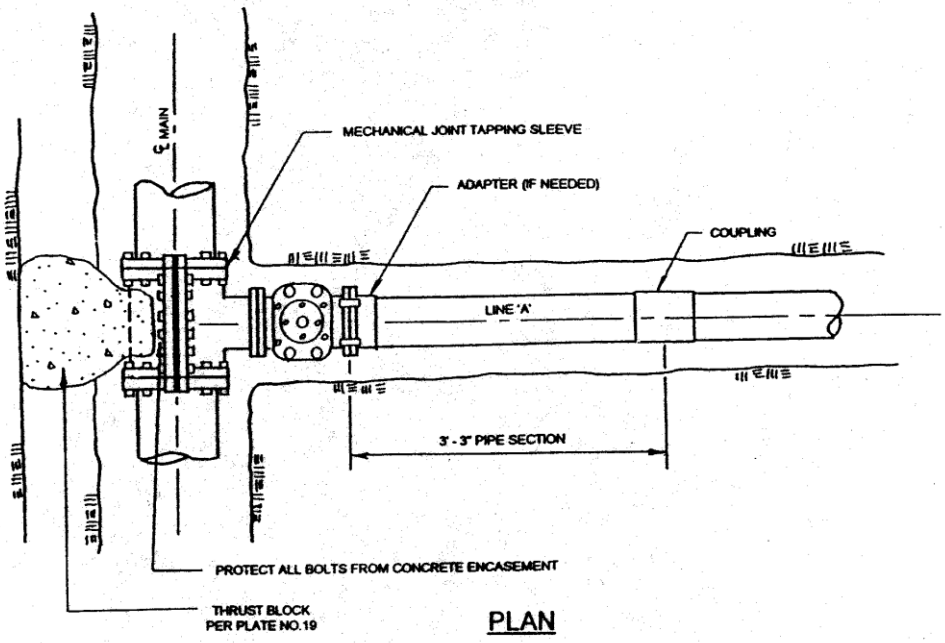
2" TEMPORARY BLOW-OFF

NOTES:

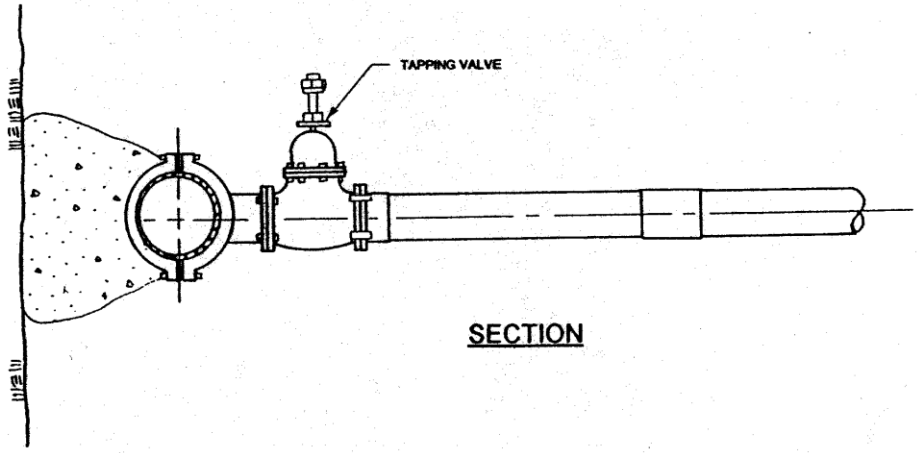
1. FOR DEAD END BLOW-OFF USE 4" REDUCER IN PLACE OF TEE. FOR ROADS WITHOUT CURBS, BLOW-OFFS SHALL BE LOCATED WITHIN THE ROAD RIGHT-OF-WAY, ONE FOOT CLEAR FROM PROPERTY LINE.
2. HYDRANT AND RISER SHALL BE PAINTED WITH SAFETY YELLOW IN ACCORDANCE WITH AWWA C503.
3. NO PART OF THE BLOW-OFF FLANGE OR ADJUSTING SPOOL FLANGE SHALL BE WITHIN THE CONCRETE SIDEWALK.
4. CURRENT MATERIAL LIST AVAILABLE AT DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	BLOW-OFF INSTALLATION, 2" & 4"	PLATE NO. 10
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE10.DOC
7/18/96



PLAN



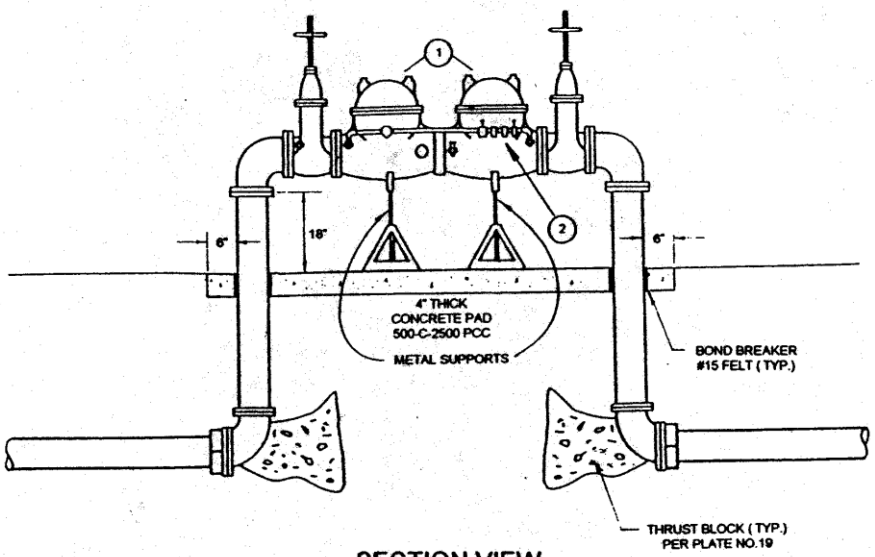
SECTION

NOTES:

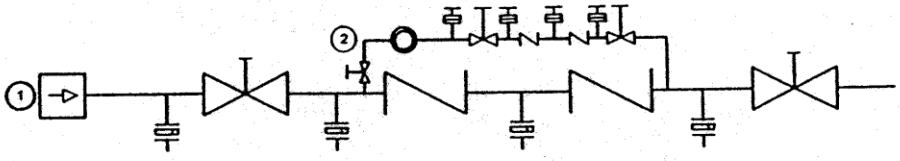
1. USE ONLY WHEN TAP IS ONE-HALF THE DIAMETER OR LESS THAN THE MAIN LINE.
2. CURRENT MATERIAL LIST AVAILABLE AT DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	MECHANICAL TAPPING SLEEVE DETAIL	PLATE NO. 11
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE11.DOC
7/18/96



SECTION VIEW



PLAN VIEW

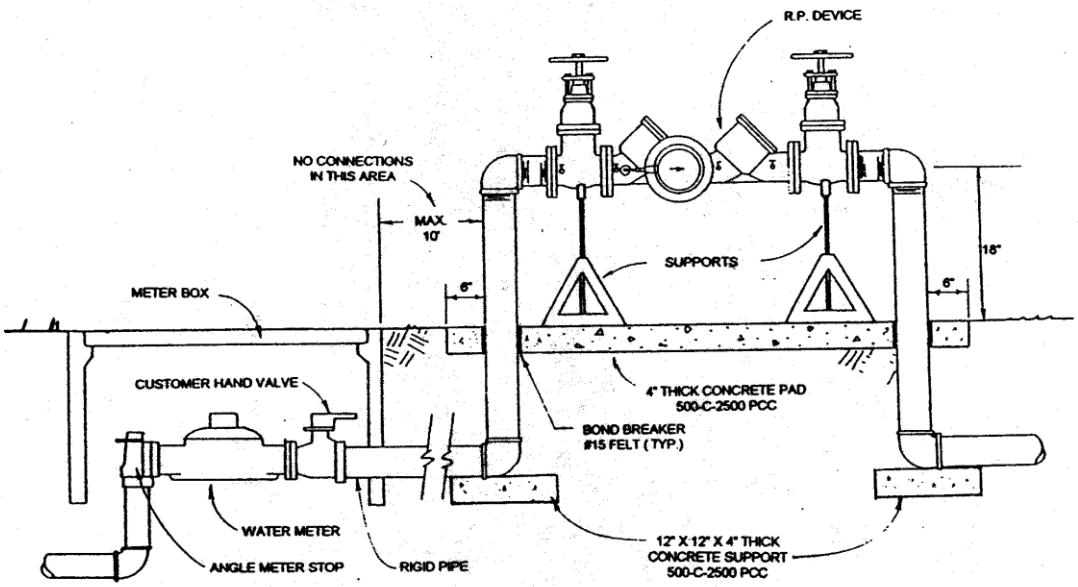
LEGEND: (1) - DOUBLE DETECTOR CHECK VALVE ASSEMBLY.
(2) - BYPASS DOUBLE DETECTOR CHECK VALVE ASSEMBLY AND METER.

NOTES:

1. THIS DETAIL IS FOR GENERAL INSTALLATION CONDITIONS ONLY. EACH INDIVIDUAL INSTALLATION SHALL BE APPROVED BY THE DISTRICT PRIOR TO CONSTRUCTION.
2. TESTING SHALL BE DONE BY A VENTURA COUNTY CERTIFIED DDCV ASSEMBLY TESTER AFTER INSTALLATION.
3. DDCV ASSEMBLY SHALL BE INSPECTED AND APPROVED BY THE DISTRICT PRIOR TO ACCEPTANCE.
4. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	DOUBLE DETECTOR CHECK VALVE	PLATE NO. 12
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE12.DOC
7/18/96

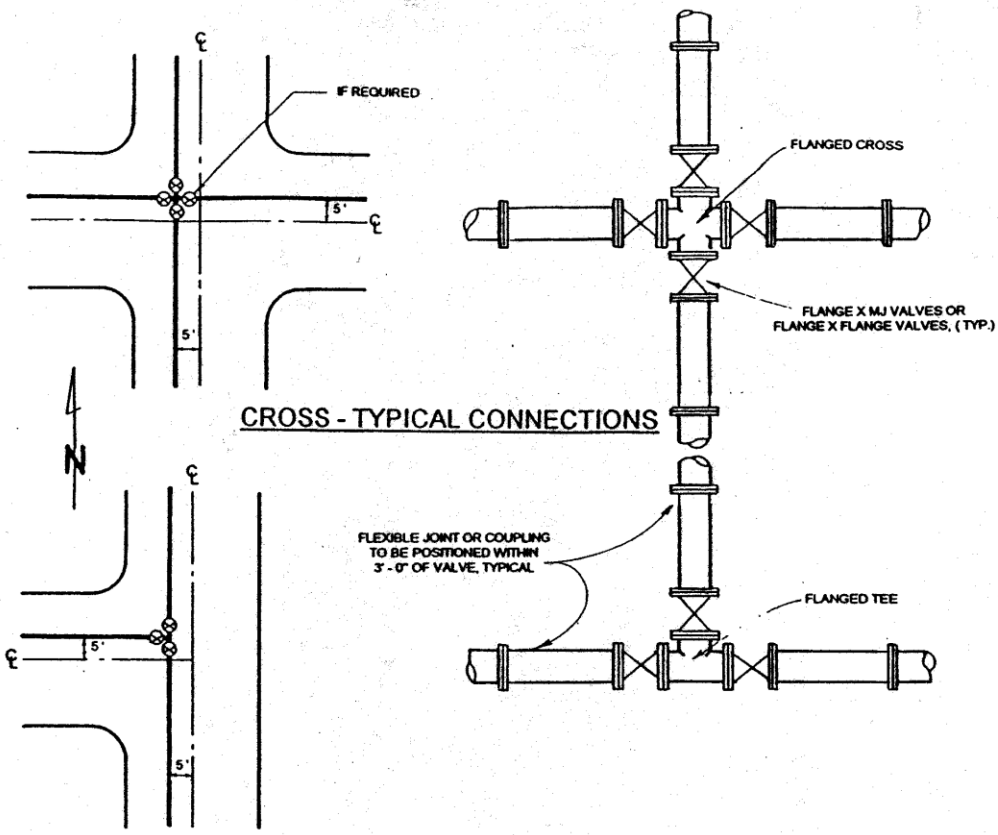


NOTES:

1. THIS DETAIL IS FOR GENERAL INSTALLATION CONDITIONS ONLY. EACH INDIVIDUAL INSTALLATION SHALL BE APPROVED BY THE DISTRICT PRIOR TO CONSTRUCTION.
2. METER SIZE AND TYPE SHALL BE DETERMINED BY THE DISTRICT.
3. THE DEVICE SHALL BE TESTED BY AN APPROVED TESTER PRIOR TO ACCEPTANCE.
4. MAINTAIN 18" CLEARANCE FROM REDUCED PRESSURE BACKFLOW DEVICE RELIEF OUTLET TO CONCRETE PAD.
5. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996 APPROVED BY: DIR. PUB. WKS. RECOMMENDED BY: DPTY. DIR. PUB. WKS.	WATER CONSTRUCTION STANDARDS	
	REDUCED PRESSURE BACKFLOW DEVICE	PLATE NO. 13

B:\PLATES\PLATE13.DOC
7/18/96



CROSS - TYPICAL CONNECTIONS

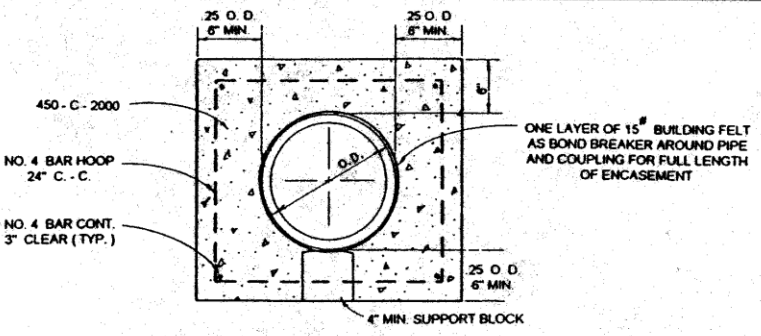
TEE - TYPICAL CONNECTIONS

NOTES:

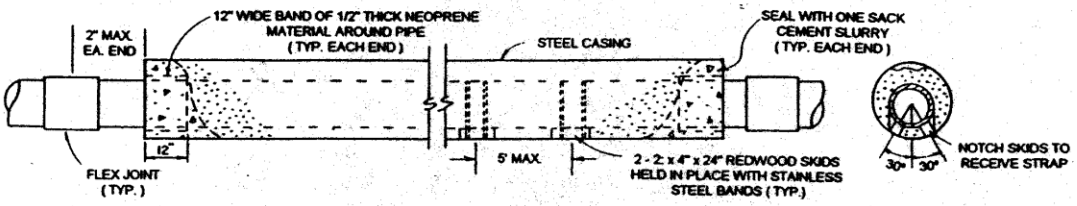
1. WATER MAINS IN PUBLIC STREETS SHALL BE LOCATED PARALLEL TO AND 5 FT NORTH OR WEST OF THE CENTER LINE OF THE STREET.
2. SEE PLATE NO. 19 FOR ANCHOR BLOCKS AND THRUST BLOCK DETAILS.
3. SEE PLATE NO. 2 FOR VALVE BOX DETAILS.
4. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	VALVE LOCATION AT INTERSECTIONS	PLATE NO. 14
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE13.DOC
7/18/96



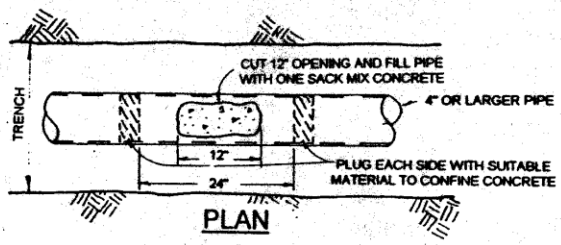
CONCRETE ENCASEMENT



TYPICAL CASING DETAIL

NOTES:

1. ALL CASING JOINTS SHALL BE FULL CIRCUMFERENTIAL BUTT WELDED.
2. AFTER PUSHING MAIN INTO PLACE, WASH IN IMPORTED SAND WITH A PRESSURE HOSE UNTIL MAIN IS COMPLETELY COVERED. CARE SHALL BE TAKEN TO ASSURE THAT EXCESSIVE WATER ACCUMULATION DOES NOT CAUSE THE PIPE TO FLOAT.



PLAN

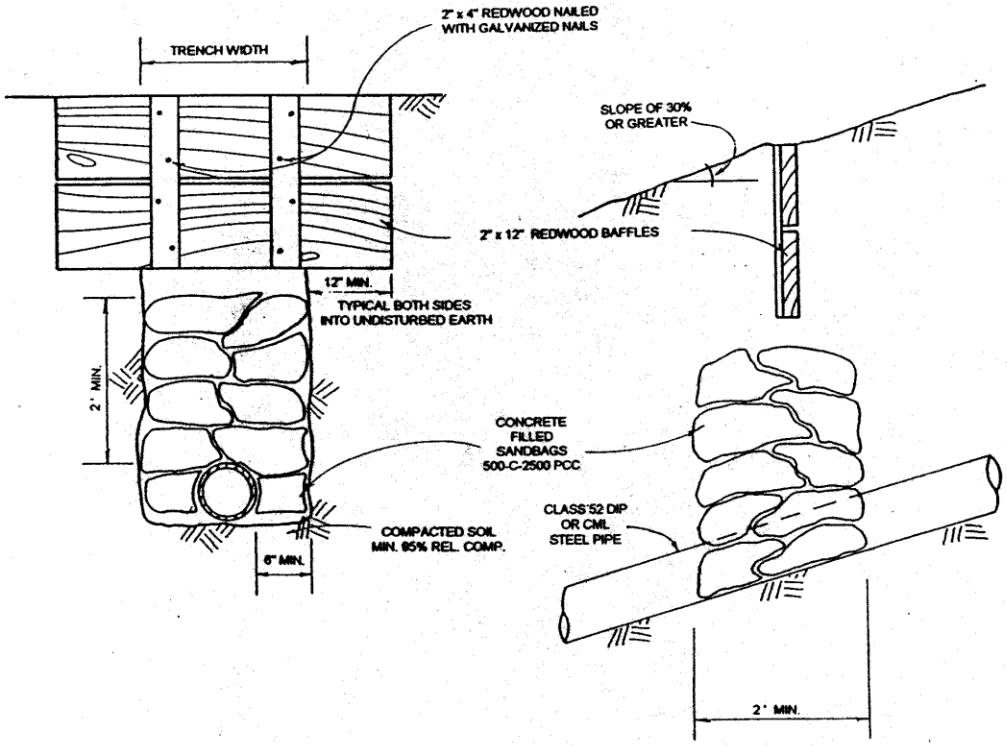
DETAIL FOR CUTTING AND PLUGGING ABANDONED WATER MAINS

NOTES:

1. FOR PIPE WITH LESS THAN 4" DIAMETER , A SHORT SECTION SHALL BE REMOVED AND PIPE ENDS ENCASED IN CONCRETE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	PIPE ENCASEMENT, CASING & ABANDONMENT	PLATE NO. 15
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE16.DOC
7/18/96

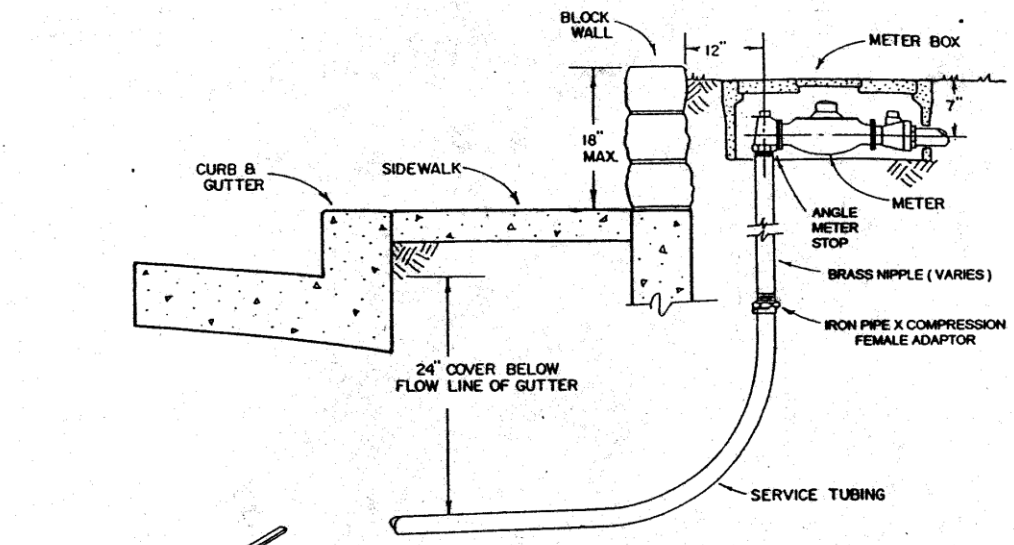


NOTES:

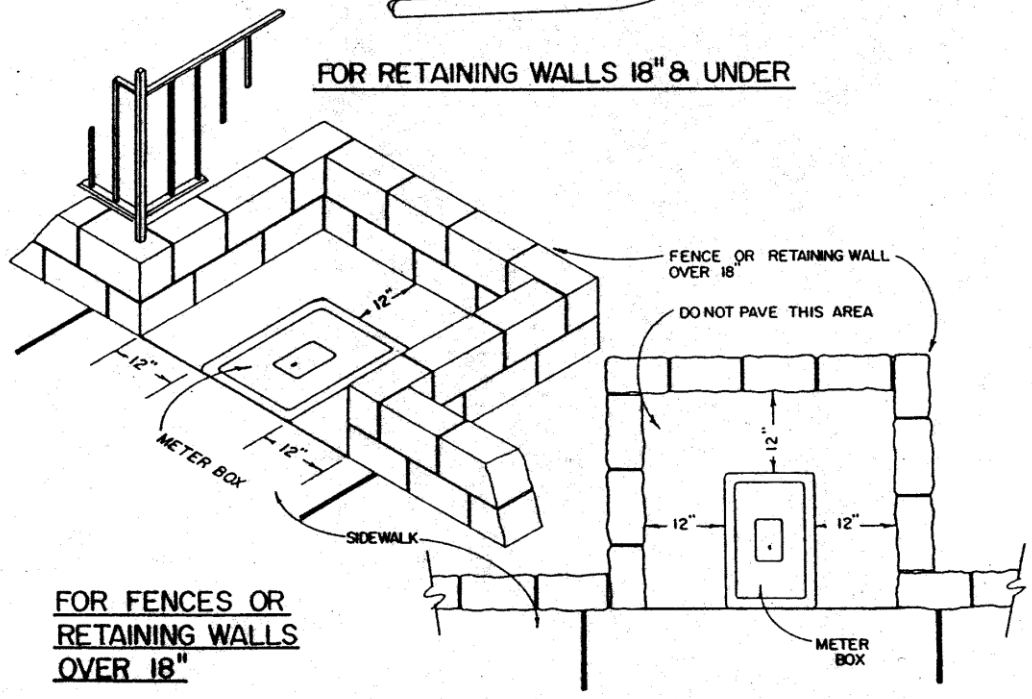
1. SANDBAGS SHALL BE TIGHTLY PACKED AROUND PIPE. SPACING SHALL BE 20 FT (6.0 M) MAXIMUM OR AT LEAST TWO PER SLOPE EQUALLY SPACED, WHICHEVER YIELDS THE GREATER NUMBER.
2. REDWOOD BAFFLES SHALL BE SPACED AT 10 FT (3.0 M) MAXIMUM OR AT LEAST TWO PER SLOPE EQUALLY SPACED, WHICHEVER YIELDS THE GREATER NUMBER.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	TRENCH STABILIZER DETAILS	PLATE NO. 16
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE16.DOC
8/12/96



FOR RETAINING WALLS 18" & UNDER

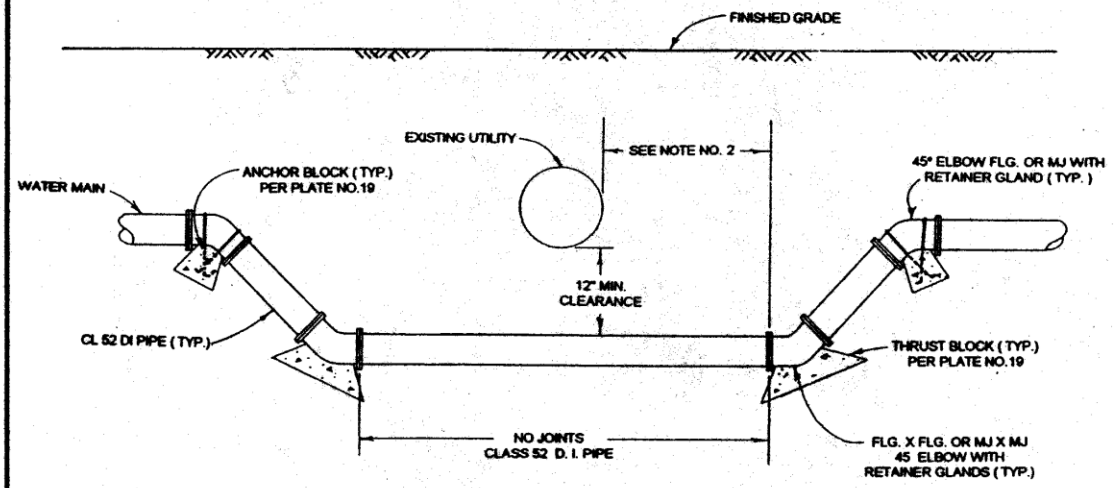


FOR FENCES OR RETAINING WALLS OVER 18"

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19

ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	METER BOX CLEARANCE DETAILS	PLATE NO. 17
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE17.DOC
7/17/96

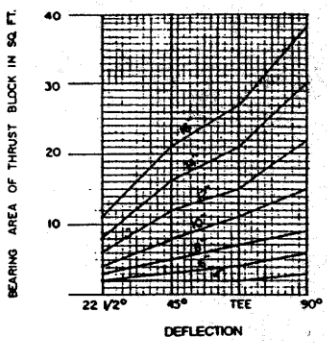


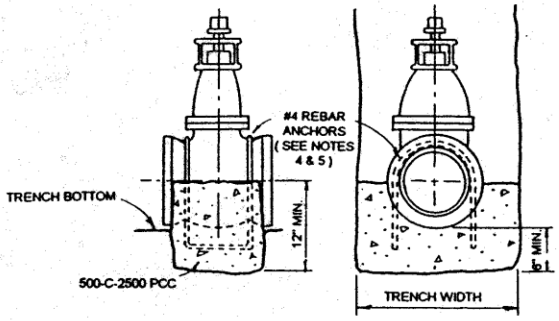
NOTES:

1. USE DUCTILE IRON RETAINER - TYPE MECHANICAL JOINT OR BOLTED C. I. FLANGE FITTINGS.
2. THIS DISTANCE IS DETERMINED BY THE TYPE OF OBSTRUCTION BEING CROSSED, FOR UTILITIES, THE DISTANCE IS 3'. FOR SEWERS, REFER TO WATER AND SEWER SEPARATION HEALTH DEPARTMENT REQUIREMENTS.
3. SEE PLATE NO. 1 FOR BACKFILL DETAILS.
4. AIR RELEASE AND VACUUM BREAKER VALVE AND/OR BLOW-OFF MAY BE REQUIRED AT THE DISTRICT'S DISCRETION.
5. REBARS SHALL BE COATED WITH APPROVED BITUMASTIC COMPOUND.
6. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	UTILITY UNDERCROSSING DETAIL	PLATE NO. 18
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE18.DOC
7/18/96

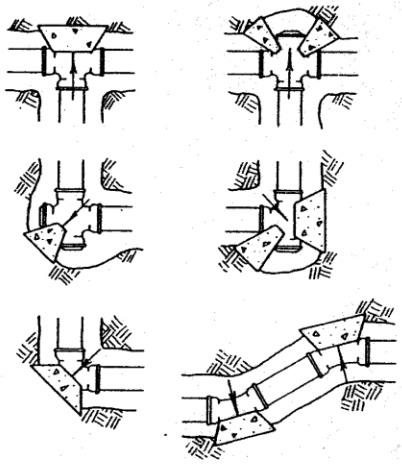




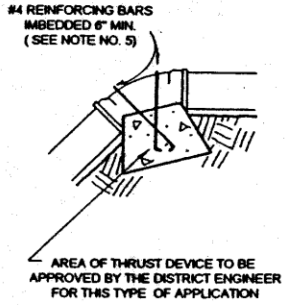
VALVE ANCHOR

NOTES:

1. BEARING AREA SHOWN ABOVE BASED ON SOIL CONSISTING OF SAND AND GRAVEL. CEMENTED WITH CLAY - SAFE BEARING LOAD = 2000 PSF.
2. FOR SOFT CLAY MULTIPLY AREA x 4.0. FOR SAND MULTIPLY AREA x 2.0.
3. FOR SAND AND GRAVEL MULTIPLY AREA x 1.5. FOR SHALE, SANDSTONE OR CONGLOMERATE MULTIPLY AREA x 0.4.



THRUST BLOCKING



ANCHOR BLOCK

NOTES:

1. IN NO CASE SHALL THE THRUST BLOCK CONTAIN LESS THAN 3 CUBIC FEET OF CONCRETE AND SHALL BEAR ON UNDISTURBED EARTH.
2. DO NOT INTERPOLATE BEARING AREA FOR FITTINGS NOT SHOWN.
3. ANCHOR IS NOT REQUIRED FOR 6" VALVES OR SMALLER.
4. COAT REBARS WITH APPROVED BITUMASTIC COMPOUND.
5. FOR FLANGED AND MECHANICAL VALVES, KEEP CONCRETE OFF BOLT.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	WATER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	THRUST AND ANCHOR BLOCK DETAILS	PLATE NO. 19
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE19.DOC
7/17/96

ITEM	MANUFACTURER	MODEL	TYPE
Air Vac	APCO	142, 144	1" & 2"
Air Vac	Cla-Val	33A, 33	1" & 2"
Angle Meter Stop	Ford	KV 13-444 W	1" x 1"
Angle Meter Stop	Ford	KV 43-342 W	1" x 3/4"
Angle Meter Stop	Ford	KV 43-444 W	1" x 1"
Angle Meter Stop	Ford	FV 13-77 W	2"
Angle Meter Stop	Ford	FV 43-777 W	2"
Angle Meter Stop	Jones	J - 1527	1"
Angle Meter Stop	Jones	J - 1527	1" x 3/4"
Angle Meter Stop	Jones	J - 1527 F	2"
Blow-Off	Jones	J - 334 HP	4"
Blow-Off	Mueller; Oriseal	H - 10297	2"
Copper Tubing		Type "K"	1" & 2" Roll Only
Corporation Stop	Ford	F-1100	1"
Corporation Stop	Ford	FB-1100	1"
Corporation Stop	Ford	FB-1100	2"
Corporation Stop	Jones	J-1935	2"
Corporation Stop	Jones	J-3403	1"
Customer Hand Valve	Ford	B13-332	3/4"
Customer Hand Valve	Ford	B13-444	1"
Customer Hand Valve	Ford	B13-666	1 1/2"
Customer Hand Valve	Ford	B13-777	2"
Customer Hand Valve	Ford	HB-34	
Customer Hand Valve	Jones	J-1908	3/4"
Customer Hand Valve	Jones	J-1908	1"
Customer Hand Valve	Jones	J-1913W	1 1/2"
Customer Hand Valve	Jones	J-1913W	2"
Customer Hand Valve	Jones	J-2813	3/4" & 1"
Customer Hand Valve	Jones	J-2815	1 1/2" & 2"
Fire Hydrant	Clow	500 Series	550,560,565
Fire Hydrant	Clow	800 Series	850,860
Fire Hydrant	Clow	2000 Series	2050,2060,2065
Fire Hydrant	Jones	4000 Series	4040
Fire Hydrant Bury	Clow	FE	6"
Fire Hydrant Bury	Tyler	5-180MJ 5-780 FE	6"

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19

ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	**WATER CONSTRUCTION STANDARDS**	
APPROVED BY: DIR. PUB. WKS.	**CURRENT MATERIAL LIST**	**PLATE NO. 29** Page 1 of 2
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

ITEM	MANUFACTURER	MODEL	TYPE
Location Wire			14" Ga. Copper-Insulated
Mech. Tapping Sleeves	Mueller, Waterous		4" - 24"
Meter Boxes	Brooks, J & R Conc, or Quazite, Armorcast		
Service Saddle for A.C.P.	Ford	202B	4" - 16"
A.C.P.	Jones	J-979	3" - 16"
P.V.C.	Ford	202B-S	4" - 30"
P.V.C.	Jones	J-969	
Valves	American Darling	AFC-2500	R.W.G.V.
Valves	AVK (S.S. Bolts)		R.W.G.V.
Valves	Clow		R.W.G.V.
Valves	M & H		R.W.G.V.
Valves	Stockhom		R.W.G.V.
Valves	Waterous		R.W.G.V.
Valves for Air Vac	Mueller	H-10291	1" & 2" Oriseal
Valve Stacks	Tyler		Cast Iron
Valve Stack Liner		SDR-35-PVC	6" Sewer Pipe

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1, 16, 17 & 19

ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996

APPROVED BY: DIR. PUB. WKS.

RECOMMENDED BY: DPTY. DIR. PUB. WKS.

WATER CONSTRUCTION STANDARDS

CURRENT MATERIAL LIST (CONTINUED)

PLATE NO. 29 Page 2 of 2

PART 5 – SECTION A - OVERSIZING AND REIMBURSEMENT AGREEMENTS [68]

RULE

5-A-1 OVERSIZING AGREEMENT

Only water/sewer lines greater than eight inches (8") in diameter may be considered "oversized" and subject to an agreement, provided the over sizing is required to serve other than the property being developed.

When existing water/sewer lines must be extended to serve a development, the line extension shall be the responsibility of the property owner requiring service. However, the District and the developer may agree to oversize any water/sewer lines which, in the opinion of the Engineer or his designee, benefit others. A developer anticipating reimbursement of a portion of the construction cost associated with over sizing shall enter into a written agreement with the District prior to construction of the water/sewer lines. The amount of reimbursement will be determined by the District based on pro-rata share of construction costs. This will be calculated based on installed footage of pipe multiplied by cost per linear foot. The reimbursement amount will be paid to the developer when the District accepts the facilities for maintenance. [192]

All other charges otherwise required in accordance with these Rules and Regulations shall be paid unless specifically offset against reimbursement due under the over sizing agreement.

5-B-1 REIMBURSEMENT AGREEMENT

A developer may be reimbursed for a portion of the cost associated with the installation of water/sewer improvements, such as pipelines and appurtenances. Reimbursement shall only be by written agreement and pursuant to the requirements outlined herein.

The District may allow for reimbursement of costs for an extension of a District water/sewer line which, in the opinion of the Engineer or his designee, benefits other properties which may be subsequently connected. The developer requesting reimbursement shall enter into a written reimbursement agreement with the District prior to construction. In no case will reimbursement be made without an agreement prior to construction. [192]

5-B-2 PROJECT COST

The cost of extending a water/sewer line shall be limited to the actual District approved construction contract price, including all labor and materials costs incurred.

Only that portion of the District approved project cost which benefits other properties shall be subject to reimbursement on a pro-rata basis.

Reimbursement agreements will not be considered for projects costing less than $10,000.

5-B-3 REIMBURSEMENT AMOUNT

The reimbursement agreement shall state the total dollar amount which is subject to reimbursement, identify the water/sewer lines subject to the agreement and describe the area benefitted by the extension of such lines. The method of determining the pro-rata distribution of costs shall be based on estimated future benefits.

5-B-4 REIMBURSEMENT AND DURATION

Reimbursements shall be made annually to the developer, its successors, or assignees only after pro-rata payments are received by the District from the benefiting properties, usually upon connection to the water/sewer lines. The maximum duration of the agreement shall not exceed ten (10) years following acceptance of the water/sewer improvements. The payments received by the District each calendar year shall be paid without interest to the developer, its successors, or assignees on or before June 30 of the succeeding year. Such annual payments shall continue to be made until the total reimbursement amount provided for in the agreement is paid or until the agreement expires, whichever occurs first.

5-B-5 REIMBURSEMENT AGREEMENT ADMINISTRATIVE AND PROCESSING FEE

The developer proposing a reimbursement agreement shall pay District a reimbursement agreement processing fee in the amount of $300.00 prior to the time the reimbursement agreement is prepared. The District shall deduct an administrative fee in the amount of $100.00 per parcel from each reimbursement made to the developer.

PART 6 - OPERATION AND MAINTENANCE OF RECYCLED WATER DISTRIBUTION SYSTEM (MOORPARK) [78]

California Water Code, Section 13510 states that the people of the State have a primary interest in the development of facilities to reclaim water containing waste to supplement existing surface and underground water supplies and to assist in meeting the future water requirements of the State.

PART 6 - SECTION A - VENTURA COUNTY WATERWORKS DISTRICT NO. 1 (DISTRICT)

RULE

6-A-1 The District wishes to conserve water resources by collecting, treating and recycling wastewater and beneficially reusing the treated water.

Where the District determines recycled water service is available it shall be used for golf course irrigation, landscape irrigation, irrigation of nursery stock, recreational impoundment, construction water and other such legal uses in lieu of potable water. District may also require use of recycled water for agricultural irrigation and industrial process water. Recycled water shall be used within the District boundaries whenever its use is economically and technically feasible, and consistent with legal requirements. Determinations on the specific uses for recycled water shall be in accordance with the standards of treatment and water quality requirements set forth in the California Code of Regulations, to protect public health, safety and welfare, and the environment.

The production and use of recycled water is currently regulated by state law and administrative regulations and requirements. Section 13521 of the Water Code requires the State Department of Health Services (DOHS) to adopt reclamation criteria (regulations) for the use of recycled water in order to protect public health. The Regional Water Quality Control Board (RWQCB) prescribes reclamation requirements for individual water reclamation projects. The requirements issued by RWQCB must include, or be in conformance with, the reclamation criteria adopted by the DOHS.

PART 6 - SECTION B - DEFINITIONS OF TERMS

RULE

6-B-1 **GENERAL:** In addition to Part 1 of the Rules and Regulations the following terms shall have the meanings as herein defined whenever references are made thereto.

AGRICULTURAL PURPOSES: Agricultural purposes shall mean the growing of field and nursery crops, row crops, vines, and sod.

AIR GAP SEPARATION: Air gap separation is a physical break between a supply pipe and a receiving vessel. The air gap shall be at least double the diameter of the supply pipe, measured vertically above the top rim of the vessel, and in no case less than one inch.

APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE: Approved reduced pressure principle backflow prevention device is a device containing two independently acting approved check valves together with a hydraulically operating, mechanically independent pressure relief valve located between the check valves, designed to maintain a reduced pressure between the check valves. The unit shall include properly located test cocks and tight closing shutoff valves at each end of the assembly, and shall be as approved by the District.

AUTOMATIC SYSTEM: Automatic system is a landscape irrigation system which includes automatic controllers, valves, and associated equipment required for the programming of effective water application rates when using recycled water.

AUXILIARY WATER SUPPLY: Auxiliary water supply shall mean any water supply on or available to the premises other than the District's potable water and recycled water supplies.

BUILDING: Building shall mean any structure used for human habitation, business, recreation, or other uses requiring sanitary facilities.

CONTRACTOR: Contractor shall mean any individual, firm, partnership, association or corporation currently licensed by the State of California to perform the type of work required by permit.

CUSTOMER: Customer shall mean any person, firm, association, partnership, corporation, or governmental public agency supplied or entitled to be supplied with water by the District for compensation.

DESIGN AREA: Design area shall mean the specific land area designated to be irrigated through on-site facilities using recycled water.

OFF-SITE FACILITIES: Off-site facilities shall mean facilities under the control of the District including recycled water pipelines, reservoirs, pumping stations, manholes, valves, treatment facilities and other appurtenances and property up to the point of connection with the customer's facilities. For recycled water service, the off-site facilities shall be those upstream of the District's recycled water meter.

ON-SITE FACILITIES: On-site facilities shall mean facilities under the control of the applicant, owner or customer including, but not limited to, residential or commercial landscape irrigation systems, and agricultural irrigation system. For recycled water service, the on-site facilities shall be those downstream of the District's recycled water meter.

ON-SITE RECYCLED WATER SUPERVISOR: On-site recycled water supervisor shall mean a qualified person designated by a recycled water applicant and approved by the District. This person shall be knowledgeable in the construction and operation of irrigation systems and in the application of the guidelines, criteria, standards and rules and regulations governing the proper use of recycled water.

PERSON: Person shall mean any human being, individual, form, company, partnership, association; private, municipal or public corporations, districts, the United States of America, the State of California, and all political subdivisions and governmental agencies thereof.

POTABLE WATER: Potable water shall mean water which conforms to the federal, state and local standards for human consumption.

RECREATIONAL IMPOUNDMENT: Recreational impoundment shall mean a body of water used for recreational activities including, but not limited to, fishing, boating, and water hazards in golf courses. Allowable uses usually depend on treatment level of the water.

RECYCLED WATER DISTRIBUTION SYSTEM: Recycled water distribution system shall mean a piping system intended for the collection, storage and delivery of recycled water only and which is separate from any potable water distribution system.

RECYCLED WATER: Recycled water as defined in Title 22, Chapter 4 of the California Code of Regulations means water which, as a result of tertiary treatment of domestic and industrial wastewater, is suitable for a direct beneficial use or a controlled use that otherwise would not occur.

RECYCLED WATER SERVICE CONNECTION: Recycled water service connection shall mean the piping necessary to conduct recycled water from the District's recycled water distribution system to particular property designated in the application for recycled water service including the meter, meter box, valves and piping equipment within the meter box.

SERVICE: Service shall mean the delivery of recycled water.

STREET: Street shall mean any public highway, road, street, avenue, alley, way, easement or public place dedicated and accepted by the County

of Ventura or the City of Moorpark, and any easement accepted by the District.

WASTE DISCHARGE: Waste discharge means water deposited, released or discharged into a sewer system from any commercial, industrial or residential source which contains levels of any substance or substances which may cause substantial harm to any water treatment or reclamation facility or which may prevent any use of recycled water authorized by law.

PART 6 - SECTION C - DESCRIPTION OF SERVICE

RULE

6-C-1 **RECYCLED WATER SUPPLY:**

a. The District will exercise reasonable diligence and care to:

1. Deliver a continuous supply of recycled water to the customer at reasonable pressure, and
2. Avoid unnecessary shortages or interruption in the service.

b. The District shall not be liable should the overall recycled water demand exceed the overall supply. In that case, the District will supplement the recycled water distribution system with other sources of water such as groundwater, imported water, and seasonally stored water. Should the supplementing sources not be sufficient to meet the demand, recycled water use will be rationed just as potable water would be rationed when its supply cannot meet demand.

c. Current District customers will be provided three months written notice prior to the District making recycled water available.

d. The District shall have the right to temporarily suspend service to any customer, whenever the District deems it necessary to do so, and the District shall not be liable for any loss of damage caused thereby. The causes for temporary suspension of service will be removed by the District without unnecessary delay and with the least inconvenience to the customer.

6-C-2 **RECYCLED WATER QUALITY**: When recycled water service is furnished, the District will endeavor to furnish at all times, treated domestic and industrial wastewater suitable for direct beneficial use or a controlled use that otherwise would not occur.

6-C-3 **MANDATED USE OF RECYCLED WATER:**

a. Where the District has determined recycled water use is feasible for a certain property and use, and the customer declines to use recycled water, the District may continue to provide potable water

use at a rate 2.0 times the prevailing potable water rate. The change in rate will apply 60 days after the District has notified the customer of the availability of recycled water or the day when the customer declined use of recycled water, whichever occurs first.

b. A customer may request a waiver from the recycled water use requirement for agricultural irrigation and industrial process water, and from the 2.0 times surcharge, by submitting written justification explaining why recycled water use would constitute an undue hardship. Examples of undue hardship include, but are not limited to:

1. Where the quality of reclaimed water will detrimentally affect the productivity of the agricultural land being irrigated.
2. Where the quality of reclaimed water will unduly affect the industrial process.
3. Where the cost of retrofitting onsite water systems is estimated to exceed the total estimated savings from utilizing recycled water for a period of three (3) years.

PART 6 - SECTION D - COMMENCEMENT OF SERVICE

RULE

6-D-1 **APPLICATION FOR SERVICE**

No person shall make connection to recycled water distribution system of the District without a permit issued by the District.

Persons desiring or required to obtain service shall make application for a recycled water permit by providing such information as the District deems appropriate to evaluate the request, including, but not limited to:

a. Name of applicant and person responsible for paying recycled water bill.
b. Address of person responsible for payment of recycled water bill.
c. Applicants and on-site recycled water supervisor's name.
d. Location of proposed service, address and brief description of property.
e. Property owner's name and address.
f. Intended use of recycled water by the customer.
g. Design area.
h. On-site irrigation piping plan.
i. Any additional information the District may require for service.

6-D-2 **APPLICATION PROCEDURE**

An application for a permit shall be made in writing, signed by the applicant, owner, or customer, if they are not one and the same.

The applicant for a permit must agree to comply with the requirements of any and all applicable federal, state and local statutes, ordinances, regulations, and other requirements. Current requirements are available at the District Office on request. The District may, at its discretion, require specific prior approval of any permit by the federal, state, or local agency having jurisdiction over or an interest in the operation of the District's facilities.

Upon receipt of an application, the District shall review the application and make such investigation relating thereto as necessary. The District may prescribe requirements in writing to the applicant as to the facilities necessary to be constructed, the point of connection, financial responsibility, and the use of the service, including the availability of adequate on-site recycled water facilities to insure initial and future continued compliance with the District's regulations and any other applicable requirements.

6-D-3 **PERMIT**

If the District approves an application, the District shall issue a recycled water permit for recycled water service. The permit shall entitle the applicant to receive recycled water service upon the terms and conditions of these rules and regulations.

The permit shall include the following:

a. Name and address of applicant.

b. A drawing of the proposed system showing the location and size of all valves, pipes, outlets, and appurtenances.

c. A statement that no changes in the proposed system will be undertaken without application and approval of an amended permit.

d. A statement recognizing potential penalties for violation of District rules and regulations.

6-D-4 **MANDATORY SERVICE CONDITIONS**

When, in the judgment of the District, recycled water service can be feasibly provided to a particular parcel of land for certain uses, not including land used for row crops, the Director shall require the use of recycled water for those uses. A notice of the determination, including the proposed conditions and time schedule for compliance, and a recycled water permit application shall be sent to the water customer by certified mail. As used herein, the term "feasible" means: [193]

a. The District expects the recycled water service to a particular parcel of land for a certain use will be at least as reliable in terms of supply availability and delivery system maintenance as the potable water supply. Certain use being any use allowed by law.

b. The recycled water can be delivered to the property in compliance with all federal, state and local laws, ordinances and regulations at an overall cost to the customer which does not exceed ninety percent (90%) of the overall cost of current potable and agricultural rates.

c. The notice will include information about recycled water quality, the responsibilities of the customer, the price of the recycled water along with a 12 month bill projection based on previous potable water usage, and the on-site retrofit facilities requirements.

6-D-5 **RECYCLED WATER RATE** [228]

The recycled water rate of $860/AF was set based on the cost of providing recycled water to customers in fiscal year 2012. The recycled water rate will be reviewed each year and may be adjusted based on the cost, at that time, of providing recycled water to customers.

PART 6 - SECTION E - CONDITIONS OF SERVICE

6-E-1 **GENERAL**

Service will be provided to property within the District which is contiguous to existing recycled water distribution lines for the uses specified herein. Service will be provided to property not contiguous to existing distribution lines the line is extended to the applicant's property, at their expense.

6-E-2 **GENERAL REQUIREMENTS - PERMIT USES**

a. The use of recycled water shall include, but not be limited to golf course irrigation, landscape irrigation, irrigation of nursery stock, recreational impoundment and construction water. Each such use must be considered for approval by the District on a case-by-case basis, and the District shall determine at its discretion whether it is necessary or desirable to furnish recycled water for the specific use involved. Determination as to specific uses to be allowed shall be in accordance with the standards of wastewater treatment and water quality requirements set forth in the California Code of Regulations. Prior to approving such uses, the District shall, in its discretion, set forth specific requirements as conditions to providing such services and/or require specific proper approval from the appropriate regulatory agencies.

b. Recycled water shall be provided once the following conditions are met:

1. Obtained approval from the regulatory agencies.
2. Obtain District approval for the design and construction of the private irrigation system.
3. Owner and operator of the system shall obtain a permit to receive such recycled water and use it only for approved purposes.

6-E-3 **OTHER LIMITATIONS**

The District shall not be liable for any damage by recycled water or otherwise resulting from defective plumbing, broken or faulty services or recycled water mains. All applicants for recycled water service shall be required to accept such conditions of pressure and service as provided by the distribution system at the location of the proposed service connection and to hold the District harmless from the damage arising from low pressure or high pressure conditions or from interruptions of service.

6-E-4 **SIZE, LOCATION AND INSTALLATION OF SERVICE LINE**

The District reserves the right to determine the size of the service lines, the service connections and the meters and shall also have the right to determine the kind and size of backflow protection devices for potable water service, in accordance herewith, and any and all other appurtenances to the service. The service lines shall be installed to a curb or property line of the customer's property abutting upon a public street, highway, alley, easement, lane or road (other than a freeway) in which the District's recycled water mains are installed.

a. The District reserves the right to limit the area of land to be supplied by one service connection to one ownership. A service connection shall not be used to supply adjoining property of a different owner.

b. When property provided with a service connection is subdivided, such connection shall be considered as serving the lot or parcel of land that it directly or first enters. Additional mains and/or recycled water service lines will be required for all subdivided area in accordance with the rules and regulations.

c. All recycled water used on any premises where a meter is installed must pass through the meter. Customer shall be held responsible and charged for all recycled water passing through the meter serving the property.

d. Every recycled water service line shall be equipped with a curb stop or wheel valve on the inlet side of the meter; such valve or curb stop

being intended exclusively for the use of the District in controlling the recycled water supply through the service line. If the curb stop or wheel valve is damaged by the customer's use to an extent requiring replacement such replacement shall be at the customer's expense.

6-E-5 **RELOCATION OF RECYCLED WATER SERVICE LINE**

Should a service line installed pursuant to the request of the applicant, owner or customer be of the wrong size or installed at a wrong location, the cost of relocation shall be paid by the applicant, owner or customer. All services provided prior to final street improvements shall be considered temporary and the costs for all repairs or changes required to be performed by the District shall be paid by the applicant, owner or customer.

6-E-6 **SCHEDULING RECYCLED WATER**

The District reserves the right to control and schedule the use of recycled water if, in the opinion of the District, scheduling is necessary for purposes including, but not limited to, the maintenance of an acceptable working pressure in the recycled water system and providing for reasonable safeguards in relation to public health.

6-E-7 **EMERGENCY CONNECTIONS TO RECYCLED WATER SYSTEM**

If, in the opinion of the District, an emergency exists whereby recycled water is not available, the District may provide water from alternate sources, through the recycled water system.

PART 6 - SECTION F - EXTENSION OF FACILITIES

RULE

6-F-1 **GENERAL**

All off-site recycled water facilities and all on-site recycled water facilities shall be designed and constructed according to the requirements, conditions and standards as adopted and revised by the Board of Supervisors from time to time, which documents are on file at the District office and by this reference are incorporated herein. The recycled water system, including both off-site and on-site facilities, shall be separate and independent of any potable water system.

6-F-2 **ON-SITE RECYCLED WATER FACILITIES**

a. Any on-site recycled water facility shall be provided by the applicant, owner or customer at the applicant's expense. The applicant, owner or customer shall retain title to all such on-site facilities.

b. On-site facilities, in addition to conforming to applicable District guidelines, shall conform to local governing codes, rules and regulations.

c. Plans and specifications and record drawings, in accordance with District requirements, shall be prepared and submitted to the District for on-site facilities. Plans and specifications must be approved by the District prior to commencing construction. When the facilities are being converted from potable to recycled water and record drawings are not available, testing and a schematic plan may substitute for construction drawings.

d. Irrigation schedules must be prepared by the applicant and approved by the District, in accordance with the above referenced specifications. Prior to commencement of service to any on-site system using recycled water, record drawings shall be provided to the District and the installed system shall be tested under active conditions to ensure that the operation is in accordance with these rules and regulations.

e. In those areas where recycled water is not immediately available for use when the design area is ready for construction, and if the District has determined that recycled water will be supplied in the future, on-site facilities shall nevertheless be designed to use recycled water. Provisions shall be made and these regulations followed to allow for connection to the District's off-site recycled water facilities when available. In the interim, potable domestic water will be supplied to the on-site facilities through a temporary connection. A backflow preventer will be required on the temporary connection as long as the on-site facilities are using potable water. The backflow preventer shall be downstream of the meter and a part of the on-site facilities.

6-F-3 **OFF-SITE RECYCLED WATER FACILITIES**

a. Any off-site recycled water distribution facilities that are required to serve the applicant's property shall be provided by the applicant, owner or customer at his expense, unless the District determines it is a District benefit to construct these capital facilities.

b. The District may require the construction of off-site facilities including meters, pipe lines, pressure reducing stations, reservoirs, pumping facilities and treatment capacity. The required facilities may be larger than needed to serve just the property described in the application submitted to the District. In such cases, the District may enter into a reimbursement agreement in accordance with Part 5 of the rules and regulations.

c. The terms and provisions of such reimbursement agreement shall be determined by the District in its discretion. In no event shall interest be paid on any such amounts. The amount so advanced for facilities available to lands outside the area described in the application for service shall be taken into account when development occurs for which such facilities are constructed; and the District reserves the right to impose and charge additional connection charges, initial charges and costs, if necessary, to cause equitable reimbursement in any such instances.

d. Plans and specifications for off-site facilities shall be submitted to and approved by the District in advance of construction.

e. Necessary easements shall be provided to the District. All easements shall be in a form acceptable to the District and not subject to outstanding obligations to relocate such facilities or any deeds of trust, except in instances where such is in the best interests of the District.

6-F-4 **CONVERSIONS OF EXISTING FACILITIES FOR RECYCLED WATER**

Where it is planned that an existing water system be converted to a recycled water facility, the facilities to be converted to recycled water shall be investigated in detail, including a review of any record drawings, preparation of required reports, and determinations by the District of measures necessary to bring the system into full compliance with these rules and regulations. No existing potable water facilities shall be connected to or incorporated into the recycled water system without District approval.

PART 6 - SECTION G - CONTINUATION OF SERVICE

RULE

6-G-1 **FACILITIES OPERATIONS: OFF-SITE RECYCLED WATER FACILITIES**

Operation and surveillance of all the District's off-site recycled water system facilities, including, but not limited to recycled water pipelines, reservoirs, pumping stations, fire hydrants, manholes, valves, connections, treatment facilities and other appurtenances and property up to and including the District's meter, shall be under the jurisdiction and control of the District. No other person except authorized employees of the District shall have any right to enter upon, inspect, operate, adjust change, alter, move or relocate any portion of the foregoing, or any of the District's property. If such should occur, all charges and penalties shall be applicable and collected. Such action may also be in violation of any and all applicable federal, state and local statutes, ordinances, regulations and other requirements.

6-G-2 **FACILITIES OPERATIONS: ON-SITE FACILITIES**

a. The operation and maintenance of on-site recycled water distribution facilities are the responsibility of the applicant, owner or customer.

b. The operation and maintenance of all on-site recycled water system facilities including, but not limited to, landscape irrigation systems, agricultural irrigation systems, irrigation systems for nursery stock, systems utilized in relation to use of recycled water for industrial process or construction purposes, or recreational impoundment systems using the District's recycled water shall be under the management of an "on-site Recycled Water Supervisor" as stated in Rule 6-H-4.

c. The District shall monitor and inspect the entire recycled water system, including on-site and off-site facilities, and for these purposes shall have the right to enter upon the customer's premises during reasonable hours or any time in the event of an emergency, such as a break in the system causing a hazard to life or property. Where necessary, keys and/or combinations shall be issued to the District to provide such access.

d. The applicant, owner or customer shall have the following responsibilities in relation to operation of on-site facilities:

1. To make sure that all operations personnel are trained and familiarized with the use of recycled water.

2. To furnish their operations personnel with maintenance instruction, irrigation schedules and record drawings or schematic drawings, in the case of a conversion from potable to recycled water use, to ensure proper operation in accordance with the on-site facilities design and these rules and regulations.

3. To prepare and submit to the District one (1) set of record drawings on Mylar or schematic drawings, in the case of a conversion from potable to recycled water use.

4. To notify the District of any and all updates or proposed changes, modifications or additions to the on-site facilities, such changes shall be approved by the District and shall be designed and constructed in accordance to all Federal, State and local standards. In accordance with the above referenced requirements, conditions and standards, changes must be submitted to the District for plan check and approval prior to construction. The construction shall be inspected by the District and revised record drawings and controller charts

shall be approved by the District. The District may, if it deems such to be in the best interest of the District, waive or modify any of the foregoing.

5. To ensure that the recycled water facilities remain in accordance with these rules and regulations.

6. To operate and control the system in order to prevent direct human consumption of recycled water and to control and limit runoff. The applicant, owner, or customer shall be responsible for any and all subsequent uses of the recycled water. Operation and control measures to be utilized in this regard shall include where appropriate, but not be limited to, the following:

   a. On-site facilities shall be operated to prevent or minimize discharge into areas not under control of the customer. Part circle sprinklers shall be used adjacent to sidewalks, roadways and property lines to confine the discharge from sprinklers to the design area.

   b. The operation of the on-site facilities shall be during he periods of minimal public use of the service area. Allow a maximum dry-out time before the service area will be used by the public.

   c. Recycled water shall be applied at a rate that does not exceed the infiltration rate of the soil. Where varying soil types are present, the design and operation of the on-site facilities shall be compatible with the lowest infiltration rate present.

   d. Automatic systems shall be utilized and programmed to prevent or minimize the ponding and runoff of recycled water. The sprinkler system shall not be allowed to operate for a time longer than the landscape's water requirement. If runoff occurs before the landscape's water requirements are met, the automatic controls shall be reprogrammed to lessen water cycles to meet the requirements. This method of operation is intended to control and limit runoff.

   e. Reporting to the District any and all failures in their systems that cause an unauthorized discharge of recycled water.

7. To comply with any and all applicable federal, state and local statutes, ordinances, regulations, contracts, these rules and

regulations and all requirements prescribed by the District and the Board of Supervisors. In the event of violation, the charges and penalties shall be applied and collected.

6-G-3 **WATER CONSERVATION**

It is the desire of the District to effect conservation of water resources whenever possible, such measures being consistent with legal responsibilities to seek to wisely utilize the water resources of the State of California and District.

No irrigation of new or existing parks, median strips, landscaped public areas or landscaped areas, lawns or gardens surrounding single family homes, condominiums, townhouses, apartments and industrial parks shall occur in such a way as to waste water. The rate and extent of application of water shall be controlled by the consumer so as to minimize runoff from the irrigated areas.

Applicable sections of Part 1 - Section L are incorporated herein and shall apply.

6-G-4 **METER READING AND BILLING**

The applicable rules from Part 1 - Section D - H are incorporated herein and shall apply to recycled water.

PART 6 - SECTION H - PROTECTIVE MEASURES

RULE

6-H-1 **CROSS CONNECTION PREVENTION: GENERAL**

The purpose of these provisions is to protect the potable water supply against actual or potential cross-connection by isolating within the premises, contamination or pollution that may occur because of some undiscovered or unauthorized cross-connection in the premises, and to prevent cross-connections from occurring in the future, in accordance with Title 17, Chapter 5, Sections 7583-7622, of the California Code of Regulations. These provisions shall be in addition to and not in lieu of the controls and requirements of other regulatory agencies, such as local governmental agencies and local health department and State DOHS. These regulations are intended to protect the potable water supply and are not intended to provide regulatory measures for protection of users from the hazards of cross-connections within their own premises.

Backflow prevention devices, on the potable water service to the premises, as required in these provisions, shall be provided by the applicant, owner or customer at his expense. Such devices shall be owned and maintained by the applicant.

6-H-2 **INSPECTION OF PROTECTIVE DEVICES**

The customer shall have the backflow prevention devices inspected at least once a year, or more often in those instances where successive inspections indicate repeated failure. All inspections and testing shall be performed by a tester certified by the local health department. These devices shall be repaired overhauled, or replaced at the expense of the water user whenever they are found to be defective. Records of all such tests, repairs, and overhauls shall be mailed to the District and the local health department. Nothing contained herein shall relieve a potable water customer from the duty to install, test and maintain backflow prevention devices.

6-H-3 **MARKING OF EXPOSED POTABLE AND NON-POTABLE WATER LINES**

Where the premises contain dual or multiple water systems and piping the exposed portions for recycled water pipelines shall be painted, banded, or marked at sufficient intervals. All outlets from secondary or other potentially contaminated systems shall be posted as being contaminated and unsafe for drinking purposes.

6-H-4 **ON-SITE RECYCLED WATER SUPERVISOR**

The "On-site Recycled Water Supervisor" designated by the applicant, owner or customer shall be approved by the District. The District may from time to time, request that an "On-site Recycled Water Supervisor" obtain instruction in the use of recycled water, such instruction being provided by or approved by the District.

The District, in turn will notify the local health department and State DOHS and the RWQCB, of the identity of the person responsible for the water piping on all premises concerned with these regulations. At each premise where it is necessary, in the opinion of the regulatory agency and/or the District, a Recycled Water Supervisor shall be designated who shall be responsible for the installation and the use of pipelines and equipment and for the prevention of cross-connections.

In the event of contamination or pollution of the drinking water system due to a cross-connection on the premises, the local health officer and the District shall be promptly advised by the person responsible for the water system so that appropriate measures may be taken to overcome the contamination or pollution.

6-H-5 **REGULATION OF WASTE DISCHARGE TO SEWERAGE SYSTEMS**

Waste discharge to the sewage system shall be in accordance with Part 12 of these Rules and Regulations.

PART 6 - SECTION I - SANCTIONS

RULE

6-I-1 **PUBLIC NUISANCE**

Use of recycled water in any manner in violation of these rules and regulations or of any permit issued hereunder is hereby declared a public nuisance and shall be corrected or abated as directed by the District. Any person creating such a public nuisance is guilty of a misdemeanor.

6-I-2 **INJUNCTION**

Whenever use of recycled water is in violation of these rules and regulations otherwise causes or threatens to cause a condition of nuisance, the District may seek injunctive relief as may be appropriate to enjoin such or use.

6-I-3 **PERMIT REVOCATION**

In addition to any other statute or rule authorizing termination of water service, the District may revoke a permit issued hereunder if a violation of any provision of these rules and regulations is found to exist or if a discharge of waste or use of recycled water causes or threatens to cause a nuisance.

6-I-4 **PENALTY**

Any owner and/or operator who violate these rules and regulations shall, for each day of violation, or portion thereof, be subject to a fine not exceeding $1,000.00. In addition, water service to the property may be discontinued.

PART 7 - OPERATION AND MAINTENANCE OF SEWAGE COLLECTION SYSTEM - (MOORPARK)

The California State Water Code Division 16, Section 55335.5, provides for a waterworks district to construct, maintain, and operate sewage collection and treatment facilities and dispose of the effluent therefore in any lawful manner and also do all that is necessary or proper to accomplish such powers. The Rules and Regulations of Part 7 of this publication are based on this authority.

PART 7 - SECTION A - VENTURA COUNTY WATERWORKS DISTRICT NO. 1 (MOORPARK)

RULE

7-A-1 The District shall observe all existing ordinances of the Moorpark County Sanitation District in carrying out its responsibilities for the operation and maintenance of the sewage collection system.

The District shall observe all provisions of the "Public Sewage Joint Powers Agreement" dated March 7, 1967, entered into by the District and the Moorpark County Sanitation District.

PART 7 - SECTION B - DEFINITION OF TERMS

RULE

7-B-1 **DISTRICT**: District shall mean the Ventura County Waterworks District No. 1 (Moorpark).

BOARD: Board shall mean the Board of Directors of Ventura County Waterworks District No. 1 (Moorpark).

ENGINEER: Engineer shall mean the Director of the Public Works Agency or his authorized representative. 194

MANAGER: Manager shall mean that employee of the Public Works Agency assigned to the Water and Sanitation Department to be in direct responsible charge of the operations, construction, repair, and maintenance, of Waterworks District No. 1 (Moorpark) facilities, under the direction of the Director. 194

DIRECTOR: Director shall mean that employee of the Public Works Agency assigned to the Water and Sanitation Department to be in direct responsible charge of the operations, budgets, constructions, repair, maintenance, and business of the Districts.194

PERSON: Person shall mean any human being, individual, firm, company, partnership, association; private, municipal or public corporations, the United States of America, the State of California, districts and all political subdivisions, governmental agencies and mandatory's thereof.

PERMIT: Permit shall mean any written authorization required pursuant to the Moorpark County Sanitation District ordinances or the Rules and Regulations of the District for the installation or connection of any sewage works.

BUILDING: Building shall mean any structure used for human habitation, business, recreation, or others uses requiring sanitary facilities.

CONTRACTOR: Contractor shall mean any individual, firm, partnership, association or corporation currently licensed by the State of California to perform the type of work required by permit.

STREET: Street shall mean any public highway, road, street, avenue, alley, way, or public place dedicated and accepted by the County.

SEWAGE: Sewage shall mean a combination of water carried wastes from a residence, a business, an institutional or industrial establishment.

SEWAGE WORKS: Sewage Works shall mean all facilities for the collection, transportation, pumping, treatment, and disposal of sewage.

SINGLE RESIDENTIAL: Single residential sewer connection shall mean a sewer to serve a single residence.

MULTIPLE RESIDENTIAL: Multiple residential sewer connection shall mean a sewer connection to serve more than one residential unit. 79

COMMERCIAL: Commercial shall mean a site or building used for the exchange or buying and selling of commodities and shall also mean a hotel or motel. 13

INSTITUTIONAL: Institutional shall mean any educational institution supported by state or local taxes.

INDUSTRIAL: Industrial shall mean a fraternal organization or private school; it shall also mean any site, structure, building or works which is, or which is designed, to be used for the manufacture, processing, or distribution of materials, equipment, supplies, food, or commodities of any description; or which is used or designed as a sanitarium, hospital, penal institution, or charitable institution; together with all appurtenances thereto and the surrounding premises under the same ownership or control.

SEWER CONNECTION FEE: Shall mean a fee to obtain permission to connect to the District sewer, to have flow capacity rights and to use the trunk sewer, sewage treatment facilities and appurtenances, provided that the District's prevailing service charges have been paid. 13

SEWAGE TREATMENT PLANT: Sewage Treatment Plant shall mean any device, facilities, or structures used for the treatment of sewage.

SEWER: Sewer shall mean any pipe or conduit for the transportation of sewage.

PRIVATE SEWER: Private Sewer shall mean a sewer serving an independent sewage disposal system not connected with a public sewer.

PUBLIC SEWER: Public Sewer shall mean a sewer lying within a public way or easement under the jurisdiction of the District.

SANITARY SEWER: Sanitary Sewer shall mean a sewer to which storm, surface, and ground waters are not intentionally admitted.

HOUSE LATERAL SEWER: House Lateral Sewer shall mean that portion of a public sewer within a public way or easement which connects a building sewer to the main sewer.

BUILDING SEWER: Building Sewer shall mean that portion of any sewer which begins at the plumbing or drainage outlet of a building or industrial facility and runs to the property line or a private sewage disposal system.

SIDE SEWER: Side Sewer shall mean the sewer line which begins at the foundation wall of a building and terminates at the main sewer and includes both the building and house lateral sewer.

MAIN SEWER: Main sewer shall mean a public sewer which is designed to accommodate more than one lateral sewer.

PART 7 - SECTION C - GENERAL

RULE

ORIGINAL CONNECTIONS ON COMMENCEMENT OF OPERATION SEWAGE COLLECTION SYSTEM

7-C-1 DELETED

7-C-2 DELETED

7-C-3 DELETED

7-C-4 DELETED

FEES

7-C-5 **SEWER CONNECTION FEES**:

Effective July 1, 2015, the sewer connection fee shall be as shown in 7-C-5.4 and shall be collected at the time of issuance of a Sewer Will-Serve Letter and after a project has received tentative approval from the appropriate legislative body.[237]

7-C-5.1 SINGLE RESIDENTIAL LOT SEWER CONNECTION:

A fee as shown in Section 7-C-5.4 shall be paid for each residential lot.[13]

7-C-5.2 MULTIPLE RESIDENTIAL SEWER CONNECTION:

A fee as shown in Section 7-C-5.4 shall be paid for each equivalent residential unit, or fraction thereof. Each apartment unit or similar type dwelling unit, including a mobile home, shall be considered 0.80 equivalent residential unit and each trailer space shall be considered one-half (½) of an equivalent residential unit. The number of equivalent residential units for recreational and/or other miscellaneous facilities within the multiple residential complex shall be computed per Method A or Method B in Section 7-C-5.3. No connection fee shall be charged for laundry room facilities within the complex open to use only by residents of the complex.[63]

7-C-5.3 COMMERCIAL, INDUSTRIAL, INSTITUTIONAL OR MISCELLANEOUS SEWER CONNECTION: A fee computed, at the option of the District, by use of Methods A, B, or C below, shall be paid.[13]

Method A: Based on Water Meter Size

Each 5/8" or 3/4" meter shall equal one (1) equivalent residential unit.

Each 1" meter shall equal two (2) equivalent residential units.

Each 1 ¼" or 1 ½" meter shall equal four (4) equivalent residential units.

Each 2" meter shall equal seven (7) equivalent residential units.

Each 3" meter shall equal fifteen (15) equivalent residential units.

Each 4" meter shall equal thirty (30) equivalent residential units.

Each 6" meter shall equal sixty (60) equivalent residential units.

Fee for each equivalent residential unit or fraction thereof, shall be as shown in Section 7-C-5.4.

Method B: Based on number of plumbing fixtures. Each twenty-five (25) plumbing fixture units as defined in the Uniform Plumbing Code under the section entitled "Drainage Systems" shall be considered equal to one (1) equivalent residential unit. The fee for each equivalent residential unit, or fraction thereof, shall be as shown in Section 7-C-5.4.

Method C: Based on flow and waste characteristics. Where flow and waste characteristics are of an unusual nature, the equivalent residential unit (ERU) is determined based on the following formula: 63

$$\frac{\text{Daily Flow}}{210}\left[0.576 + \frac{\text{BOD Concentration}}{240}(0.228) + \frac{\text{TSS Concentration}}{300}(0.196)\right]$$

7-C-5.4 SCHEDULE OF SEWER CONNECTION FEES

Sewer connection fees shall be in accordance with the following schedule:

FEE SCHEDULE 237

Residential, per Residential Lot.	$ 4,985
Multiple Residential, per Equivalent Residential Unit, or fraction thereof.	$ 4,985
Commercial, Industrial, Institutional or Miscellaneous, computed by Method A or B in Sec. 7-C-5.3 per Equivalent Residential Unit, or fraction thereof.	$ 4,985
Commercial, Industrial, Institutional or Miscellaneous, computed by Method C in Sec. 7-C-5.3	To be determined by District

7-C-5.5 DELETED

7-C-6 **SEWER SERVICE CHARGES**167 Sewer service charges shall be in accordance with the following schedule:

7-C-6.1 TYPE OF SEWER CONNECTION242	Monthly Charge

Single residential, per each residential lot.	$ 26.00/ERU
Multiple residential, per each Equivalent Residential Unit (ERU) or fraction thereof.[242] Each single family residence, duplex, or similar type dwelling unit shall be considered one Equivalent Residential Unit. Each apartment unit, condominium, townhouse, or similar type dwelling unit, including a mobile home, shall be considered 0.80 Equivalent Residential Unit and each trailer space shall be considered one-half (1/2) of an Equivalent Residential Unit. The number of Equivalent Residential Units for recreational and/or other miscellaneous facilities within the multiple residential complex shall be computed per Method A or B in Section 7-C-5.3. No monthly sewer service charge shall be made for laundry room facilities within the complex open to use only by residents of the complex. For dwellings not specifically described herein, the number of Equivalent Residential Units will be determined by the Director. [194]	$ 26.00/ERU
Commercial, Industrial, Institutional or Miscellaneous, when Equivalent Residential Units are computed per Method A or B in Section 7-C-5.3 per Equivalent Residential Unit.	$ 26.00/ERU
Commercial, Industrial, Institutional or Miscellaneous, per Equivalent Residential Unit, when flow and waste characteristics are of unusual nature and Equivalent Residential Units are computed on the basis of strength of the five (5) day Biochemical Oxygen Demand (B.O.D.) suspended solids, quantity of flow and other factors of the waste discharge that affect the sewage transmission, sewers, treatment, and disposal.	$26.00/ERU

7-C-6.2 Billing shall be made monthly and submitted with the water service charges for the same period. If circumstances warrant, at the option of the District, separate bills may be issued. [242]

The Director[194] or his authorized representative may make adjustments or waive charges to customer bills for those charges resulting from billing errors or other discrepancies.

The sewer service charge for property located within the boundaries of Ventura County Waterworks District No. 1 shall be collected by Ventura County Waterworks District No. 1 in the amount, as set forth herein.[242]

For an initial connection of any building, structure, or other facility to the District sewer, the charge for sewer service shall begin with the first day of the month following the date of issuance of the appropriate Building and Safety Department's Certificate of Occupancy and shall continue until a request for discontinuance of service is received by the District. Said sewer service charge shall be billed to the recipient of the Certificate of Occupancy in a manner provided elsewhere in these Rules and Regulations.

When it becomes necessary to bill for a partial billing period of less than 23 days or greater than 37 days, a daily pro-rata billing charge will be calculated. [242]

Bills for sewer service charges shall be due and payable in cash or check on presentation and shall become delinquent nineteen (19) days after mailing. [72]

Non-payment of either water or sewer service charges shall cause water service to be shut off. Delinquent notices shall first be presented by mail or by person.

If more than one tenant on a parcel of property is served through a single sewer service, the District will render a single bill to the property owner or applicant of record. Said bill shall include a charge for sewer service to be computed in accordance with Section 7-C-6 of these Rules and Regulations.

No sewer service charge will be made upon notification to the District that the property is vacant and does not require service. The District may at its option require verification that the property is not receiving water service. [79]

7-C-7 **DELETED** [83]

7-C-8 **DELETED** [83]

PUBLIC SEWER USE

7-C-9 **WASTE DISPOSAL**: It shall be unlawful for any person to place, deposit, or permit the deposit in an unsanitary manner upon public or private property within the District or in any area within the jurisdiction of the District, any human excrement or other objectionable waste, except chemical toilets on a construction site may be used during the construction period.

7-C-10 **TREATMENT OF WASTE**: It shall be unlawful to discharge into any drainage conduit, stream or water course any sewage, industrial waste, or other polluted waters except where suitable treatment has been provided in accordance with the provisions of Moorpark County Sanitation District's ordinance, except emergency or temporary overflows from sewage lift stations may be permitted by the Engineer[194] for use during temporary outages of power at the lift station.

7-C-11 **UNLAWFUL DISPOSAL**: Except as provided herein, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, sewage pit or other facility intended for the disposal of sewage.

7-C-12 **OCCUPANCY PROHIBITED**: No building, structure, or other facility shall be occupied until the owner of the premises has complied with the provisions of the Moorpark County Sanitation District ordinances and these Regulations.

SEWER CONSTRUCTION

7-C-13 **SEWER REQUIRED**: Any building or structure located on property which abuts any easement or right of way in which there is a present or planned public sewer of the District shall, at the expense of the owner of said building or structure, and, in accordance with the provisions of the Moorpark County Sanitation District Ordinances, be connected to the public sewer provided that said public sewer in within two hundred (200) feet of the property line of the site of the building or structure; and that said building or structure is not in excess of four hundred (400) feet from the District sewer. Said sewer connection shall be completed within 60 days following receipt of official notification to proceed. [13]

7-C-14 **PERMIT**: Prior to construction of a building sewer, lateral sewer, or any connection with a public sewer, a written Permit shall be obtained, and all fees and connection charges paid in accordance with the provisions of Section C of these Rules and Regulations.

7-C-15 **CONSTRUCTION REQUIREMENTS**: The requirements of the Ordinances and Rules and Regulations of the Moorpark County Sanitation District shall govern the construction of all building and lateral sewers. [13]

7-C-16 **SEPARATE SEWERS**: Except as provided in Section 7-C-16.1 for condominium projects, no two adjacent lots fronting on the same street shall be permitted to join in the use of the same side sewer, and every building or industrial facility shall be separately connected with a public sewer if such sewer is available. However, one or more buildings located on property belonging to the same owner may be served with the same side sewer during the period of said ownership. The District shall render a single bill to the property owner, or applicant of record, which shall include the sewer service charge for the entire property. Upon subsequent subdivision and sale of the portion of a lot, that portion not directly connected with a public sewer shall be separately connected with the public sewer. It shall be unlawful for the owner to continue to use or to maintain such indirect connection. [13]

7-C-16.1 **CONDOMINIUM PROJECTS:** In condominium projects, two or more units of the condominium may, at the option of the District, be permitted to join in the use of the same side sewer. The responsibility for maintenance of such side sewer shall be as defined in Section 7-E-4 of these Rules and Regulations. The District shall render a single bill to the management body of the project, or its authorized representative, which shall include the sewer service charge for the entire condominium project as computed in accordance with Section 7-C-6 of these Rules and Regulations. [13]

7-C-17 **PERMIT REQUIRED**: Prior to uncovering, connecting to, opening into, using, altering, or disturbing any public sewer or appurtenance, a written permit shall be obtained and all fees, connection charges, and bonds shall be furnished in accordance with the provisions of these Rules and Regulations and Moorpark County Sanitation District's ordinances.

Permission to connect any lot or parcel of land outside the District to any public sewer under the jurisdiction of the District shall be optional with the Board and if approved shall be granted by Permit after subject lot or parcel has been annexed to the Moorpark County Sanitation District and Waterworks District No.1.

The applicant shall enter into a written contract satisfactory to the District whereby he shall bind himself, his heirs, successors and assigns to abide by all ordinances, rules, and regulations regarding the use of such sewer, the connection, and the draining therewith. The applicant shall pay all permit fees and a monthly service charge set by the District for the use of such sewer. [13]

7-C-18 **SUBDIVISIONS**: Prior to the approval by the governing body of any final subdivision map the requirements of Rule 7-C-14 shall be fully complied with. Said map shall provide for the dedication for public use of all streets, easements, or rights of way in which public sewer lines are to be constructed. The developer shall construct the sewers in the subdivision or tract and dedicate the in-tract facilities to the District.

7-C-19 **INCOMPLETE CONSTRUCTION**: If the map as provided for in Section 7-C-18 is recorded, and the sewer construction of the tract is not completed within the time limit granted by permit, the governing body may extend the time limit, or may complete the work and take appropriate action to enforce the provisions of the bond furnished by the sub-divider. [13]

7-C-20 **EASEMENTS OR RIGHTS OF WAY**: Where an easement is required for the extension of the public sewer or a connection thereof an acceptable easement or right of way shall be procured by the applicant and shall be dedicated to the District. Such easement or right of way shall be legally sufficient in form, and approved by the Engineer[194] prior to the laying and maintenance of such extension or connection.

7-C-21 **PERSONS AUTHORIZED**: Public sewer construction within the District shall be performed by authorized contractors, currently licensed by the State of California or by the District forces. All terms and conditions of the District Permit shall be binding on the contractor. The requirements of this section shall also apply to side sewers installed concurrently with public sewer construction.

PERMITS

7-C-22 **PERMIT REQUIRED**: No unauthorized person shall uncover, connect with, open into, use, alter, or disturb any public sewer or appurtenance, or perform work on any drainage system without first obtaining a written Permit from the District. Such Permit shall be posted at the worksite and shall be shown upon the demand of any District authorized representative.

7-C-23 **APPLICATION FOR PERMIT**: Any person legally entitled to apply for and receive a Permit shall make application to the District on the form provided. The location, ownership, occupancy and use of the premises and a description of the proposed nature of the work to be performed shall be provided by the applicant. Specifications, plans, drawing and other information shall be supplied to the Engineer as deemed necessary. [194]

7-C-24 **PERMIT COMPLIANCE**: The approval of the application is evidenced by the issuance of a Permit. Thereafter, no change shall be made in the location of the sewer, the grade, materials, or other details described in the Permit or as shown on the approved plans and specifications, unless prior written permission is obtained from the District, the Engineer or other authorized representative. [194]

7-C-25 **AGREEMENT**: The signature of the applicant on an application for a Permit shall constitute an agreement to comply with all provisions, terms, and requirements of these Rules and Regulations and the Moorpark County Sanitation ordinances. The signature shall constitute an agreement to comply with the approved plans and specifications and any further corrections, or modifications as may be required by the District. Such agreements shall be binding upon the applicant and may be modified by the District after the receipt and consideration of a written request for modification submitted by the applicant.

7-C-26 **PERMIT CLASSES**: There shall be five classes of permits.[13]

(a) Single Residential Lot sewer permit.

(b) Multiple Residential, Institutional, Commercial, Miscellaneous sewer permit.

(c) Industrial sewer permit.

(d) Private sewage disposal permit.

(e) Subdivision Final Map or Parcel Map sewer permit.

7-C-27 **INDUSTRIAL WASTE TESTING FEES**

7-C-27.1 DELETED [83]

7-C-27.2 **INDUSTRIAL WASTE TESTING FEE**: The testing fee shall be based upon actual costs of the tests. The District Engineer[194] shall estimate the cost of testing and shall require a cash deposit equal to the estimated cost of the test from the applicant prior to start of the testing.

7-C-27.3 If a refund of the construction inspection fee is requested within ninety (90) days after the fee has been paid and no construction work has commenced, 80% of the fee may be refunded to the applicant.

7-C-28 **BONDS - PUBLIC SEWAGE WORKS CONSTRUCTION**

7-C-28.1 BONDS: A faithful performance bond and materials and labor bond or cash each in the amount equivalent to the total estimated cost of the work shall be furnished by the applicant to the District, prior to the issuance of any permit for public sewer construction. Such bond shall be secured by a surety bond or sureties satisfactory to the District. The faithful performance bond or cash deposit shall be conditioned upon the full performance of all the terms and conditions of the permit. It shall guarantee correction of faulty workmanship and replacement of defective materials for a period of one (1) year after date of acceptance of the work by the District.

7-C-28.2 **LIABILITY:** The applicant shall be solely liable for any defects or failure during performance of the work or any failure which may develop therein. The District, its officers, agents, and employees, shall not be answerable for any liability, death or injury to persons, property damage, due to or arising out of the performance of the work by the applicant. The applicant shall answer for and save the District, its officers, agents, and employees, from all liabilities imposed by law, including all costs, expenses, fees, and interest incurred in seeking to enforce this provision.

PART 7 - SECTION D - ENFORCEMENT

7-D-1 **TIME LIMIT - PERMITS**: If the work granted by the permit is not commenced within six (6) months from date of issuance, or is discontinued for a period of 90 days after partial completion, the Permit shall be void. No further work shall be undertaken until a new permit has been secured by proper application and payment of a new fee. The work shall be completed within the calendar days for completion as specified by the new permit.

7-D-2 **VIOLATION**: Any person found to be in violation of any provision of these Rules and Regulations of the District, (except Rule 7-E-1) shall be served with written notice by the Engineer or other authorized representative. Such written notice shall state the nature of the violation and provide a reasonable time limit for correction thereof. Said time limit shall not be less than two (2) nor more than seven (7) working days. Within the time period stated in the notice all violations shall permanently cease. All persons shall be strictly liable for the acts of their agents and employees performed under the provisions of this or any other ordinance, rule or regulation of the District. Upon notification by the Engineer of any defect arising in any sewer, or notification of any violation of this ordinance, corrections shall immediately be effected by the person or persons in charge of said work.[195]

7-D-3 **PUBLIC NUISANCE**: Continued habitation of any building, or continued operation of any industrial facility in violation of the provisions of this or any other ordinance, rule, or regulation is hereby declared a public nuisance. Proceedings may be brought by the District to abate such nuisance during the period of violation.

7-D-4 **DISCONNECTION**: The alternate method of enforcing the provisions of this or any other ordinance, rule, or regulation of the District shall be as follows: The Engineer shall have the power to disconnect the user or subdivision sewer system from the sewer mains of the District. Upon disconnection, the Engineer shall estimate the cost of disconnection and reconnection. Such user shall deposit said estimated cost prior to reconnection to the system. The District shall refund any part of the deposit remaining after payment of the aforementioned costs.[195]

7-D-5 **PUBLIC NUISANCE, ABATEMENT**: During the period of disconnection, human habitation of such premises shall constitute a public nuisance whereupon the District shall initiate proceedings for the abatement of said nuisance during the disconnection. Reasonable attorney's fees and costs of suit of any action brought shall be paid the District as a condition precedent to reconnection.

7-D-6 **MEANS OF ENFORCEMENT**: The District declares the foregoing procedures are established as a means of enforcing the provisions of this and any other ordinance, rule, or regulation of the District, and not as a penalty.

7-D-7 **MISDEMEANOR**: In accordance with Section 55334 of the California State Water Code, any violation of a regulation or ordinance of the District is a misdemeanor punishable by fine not to exceed $500.00, or imprisonment not to exceed six months, or both.

7-D-8 **LIABILITY FOR VIOLATION**: The violation of any provision of these rules and regulations, by any person, shall cause him to be liable to the District for any expense, loss, or damage, caused the District by reason of the violation.

7-D-9 **TAMPERING WITH DISTRICT PROPERTY:** No person shall at any time install an unauthorized sewer connection to, or tamper with, or otherwise interfere with the sewer system.

In the event a person, firm, or corporation for any reason digs out and damages any part of the sewer system, or causes any such act to be done, such person, firm, or corporation will be held liable for any injury or damage. The District may impose a fine of up to $250.00, plus labor and materials for repairs and damages, to any person, form or corporation found to be tampering with District property or engaged in the unauthorized operation of any part of the sewer system. [72]

PART 7 - SECTION E - MISCELLANEOUS PROVISIONS

7-E-1 **PROTECTION FROM DAMAGE**: No unauthorized person shall maliciously, willfully, or negligently, break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which constitutes a part of the District sewerage works. Any person in violation of this provision shall be subject to the penalties provided by law (See Rule 7-D-2).

7-E-2 **POWER AND AUTHORITY OF INSPECTORS**:[196] The Officers, Inspectors, Engineer, or any other duly authorized employee of the District shall wear or carry an official badge of office, or other evidence, which establishes his position as such. Upon the exhibition of proper credentials and identification he shall be permitted to enter into residential, commercial, institutional, and industrial facilities for the purposes of inspection, observation, measurement, sampling, testing, or otherwise performing the necessary duties pursuant to the enforcement of the provisions of the Moorpark County Sanitation District ordinances or rules and regulations of this District.

7-E-3 **ORIGINAL CONNECTIONS ON COMMENCEMENT OF OPERATION OF SEWAGE SYSTEM**: Notwithstanding any statement to the contrary herein, the owner of any building situated within the District, and under the terms of the Moorpark County Sanitation District Ordinance, is required to connect such building to the proper public sewer and shall have sixty (60) days after such date as the Board proclaim, that the District is ready to receive sewage into the District sewage system, to connect such building directly with the proper public sewer, costs of such connection to be at the expense of the owner. Where the cost of providing sewer service to any lot, parcel, or building within the District would cause an undue hardship on the District, the District reserves the right to delay sewer service to said lot, parcel, or building until such time as the District is financially able to provide such service. [13]

7-E-4 **OWNER'S RESPONSIBILITY**: The owner shall be responsible for maintaining the side sewer from the building connection to the public sewer line connection. The District is not responsible for damage caused by line breaks or leaks occurring on the owner's property. [13]

7-E-5 **SEWER TOO LOW**: In all buildings in which any building sewer is too low to permit gravity flow to public sewer, sanitary sewage carried by such building sewer shall be lifted by artificial means, provided by the owner, approved by the Inspector, and discharged to the public sewer at the expense of the owner.

7-E-6 **DESIGN AND CONSTRUCTION STANDARDS**: Minimum standards for the design and construction of sewers within the District shall be in accordance with the **SPECIFICATIONS FOR SEWER CONSTRUCTION** heretofore and hereafter adopted by District, copies of which are on file in the District office. The Engineer may permit modifications or may require higher standards where unusual conditions are encountered.[196]

"As-built" drawings showing the actual location of all mains, structures, Y's, laterals, and cleanouts shall be filed with the District before final acceptance of the work.

7-E-7 **SWIMMING POOLS**: It shall be unlawful for any person to discharge the contents of a swimming pool into a sanitary sewer except in the manner specified herein. The size of pipe carrying discharge water shall not be larger than 2" and shall not be under a head to exceed 20'. If the water is discharged by pumping, the rate of flow shall not exceed 100 gallons per minute. Each swimming pool discharging to a sanitary sewer shall be equipped with an approved separator to preclude any possibility of a backflow of sewage into the swimming pool or piping system.

PART 8 - DELETED

PART 9 - STANDARD CRITERIA FOR THE PREPARATION AND PROCESSING OF PLANS AND ALL SUPPLEMENTAL DOCUMENTS FOR WATER AND SEWER SYSTEM IMPROVEMENTS UNDER THE JURISDICTION OF VENTURA COUNTY WATERWORKS DISTRICTS NO. 1, 16, 17 & 19 [83]

RULE

PART 9 - SECTION A - GENERAL

9-A-1 The owner/developer shall determine if the proposed development is entirely within a Ventura County Waterworks District. Any portion of the development not within the District shall be annexed to the District or other arrangements made to obtain water service. This determination shall be made at the earliest possible date as plans shall not be approved by the District until annexation is complete.

9-A-2 The owner/developer shall secondly determine if the proposed development is outside of or within an improvement zone of the District. Developments outside improvement zones shall be processed in accordance with Part 9, Section B hereof. Developments within improvement zones shall be processed in accordance with Part 9, Section C hereof.

9-A-3 All financial arrangements shall be completed with the District before "Will-Serve" letters and letters to the Department of Real Estate will be issued.

PART 9 - SECTION B - WATER SYSTEMS FOR DEVELOPMENTS WITHIN THE DISTRICT WHICH ARE NOT IN AN IMPROVEMENT ZONE

9-B-1 The water system improvements for developments not within an improvement zone of the District shall be designed, furnished and installed by the owner/developer at his expense or he shall be charged for said improvements and pay the District the cost thereof computed at the rates set forth in Part 3 hereof or as computed by the Engineer. Said improvements shall be as required to meet the design criteria and standards of the District set forth in this and other sections of the Rules and Regulations as stipulated by the Engineer.[197]

9-B-2 The water system improvements shall be designed and plans shall be prepared by a Civil Engineer registered in the State of California, said engineer to be hereafter referred to as the Owner's Engineer.

9-B-3 For design of the distribution system and for establishing pipe sizes, one of the following formulas shall be used, whichever gives the larger value for peak demand rate:

1. Peak demand rate (gpm) =

Number of residential units x 1.65

2 + Fire Flow

The amount of fire flow required by the District shall be 1000 gpm for residential development, 1500 gpm for commercial development, and 2000 gpm for industrial development. A higher fire flow may be required by the Fire Department.

2. Peak demand rate (gpm) =

Number of residential units x 1.65

9-B-4 The District shall be contacted to obtain the water pressure that is available at points where the new system will be tied into the existing system. The District strives to maintain a minimum pressure of 40 psi but under extenuating circumstances a waiver may be obtained from the Engineer. In no case shall the pressures allowed be less than the County Minimum Standards. 197

9-B-5 Water improvements plans shall be twenty-two inches by thirty-six inches (22" x 36") in size with a two inch (2") margin on the left and a one-half inch (1/2") margin on each of the other sides, and shall be prepared on a permanent-type reproducible material suitable for microfilming. Each sheet shall contain a north arrow. The horizontal scale shall be one inch to forty feet (1" to 40') and the vertical scale shall be one inch to four feet (1" to 4'). All scales shall be graphically shown. 32 Under unusual circumstances, a variation in scale may be approved by the Engineer. 197

9-B-6 The plans shall contain an overall plan at a preferred scale of one inch to two hundred feet (1" to 200') showing general layout of water lines, fire hydrants, proposed and existing valves, named streets, development boundary, and sheet index. All bench marks shall be graphically shown on this overall plan and the elevations, descriptions, locations, etc., shall be illustrated as below:

B.M. No. ____ Elev. ____ F.B. ____ Page

Type of Marker

Location

The elevations used shall be based on U.S.C. and G.S. mean sea level, 1929 datum, with the tract engineer specifying what adjustment was used. When practical, the 1970 adjustment shall be used.

9-B-7 If these water improvement plans are not part of a set of plans which include a vicinity map, a vicinity map shall be shown on the water plans showing the development site in relation to one of the major communities of the County.

9-B-8 The water system shall be shown in plan and profile and shall include, but not be limited to, adequate stationing, curve data, location in regard to survey lines and structures, easement limits and pipe size, type, class, and cover. In

addition, a detail of any radical change in vertical alignment shall be shown. All sewer facilities shall be shown and labeled on the plan view. Any pipelines two inches (2") or more in diameter which cross the water main (especially gas, storm, irrigation, sewer, telephone, power, television, and oil lines) shall be shown and labeled on the profile.

9-B-9 All drawing sheets shall be provided with title and signature blocks that agree with those currently in use by the Ventura County Department of Public Works or by the applicable governing body if the development is in an incorporated area. In addition, the following signature block shall appear on each water system sheet:

Approved by
Ventura County Waterworks District No.

_____
Engineer[197] Date

9-B-10 The General Notes shall include a note stating that the water system shall be constructed in accordance with the Rules and Regulations of the applicable Ventura County Waterworks District. There shall be a note on the plans stating that the District Manager [197] shall be notified 48 hours prior to the construction of tie-ins to existing lines.

9-B-11 Ventura County Waterworks Districts' Standard Designs No. 78 through 83 and any additional standard designs that may hereafter be adopted by the District shall be included as part of the improvement plans. Reproducibles of these Standard Designs are on file in the Water and Sanitation Division of the Ventura County Department of Public Works from which the owner/developer can obtain reproducibles for inclusion in the water plans.

9-B-12 **EASEMENTS AND LANDS IN FEE**

9-B-12.1 Whenever possible, any easement or land in fee required for installation of the water system improvements shall be dedicated and accepted on the final map. The owners of land included within the development shall offer to dedicate for public use the water line easements and/or lands in fee so designated on the final map. The form of dedication shall be as follows:

"We also grant to Ventura County Waterworks District No. ___ all water line easements (and lands in fee*) delineated and designated on the map."

***** Add if applicable

The form of acceptance shall be as follows:

"Ventura County Waterworks District No. ____ hereby accepts for public use all water line easements (and lands in fee*) delineated and designated on the map, when said map is approved and recorded."

***** Add if applicable

The limits of these easements and/or lands in fee shall be shown and labeled on the map.

9-B-12.2 If there are easements or lands in fee required for installation of the water system improvements which do not fall within the limits of the final map, these easements shall be granted to the District by deeds of conveyance on a form as approved by the District. The developer shall work with the Management Services Division of the Ventura County Public Works Department to have these deeds written in proper form and dedicated to the District.

9-B-13 CHECKING OF IMPROVEMENT PLANS AND FINAL MAP

9-B-13.1 The above mentioned plans shall be submitted to the District for checking and approval before any final map is approved or before construction is commenced, whichever occurs first. The submittal of these plans for checking shall include the following:

1. Approved tentative map (if not previously submitted). (1 print)
2. Final map including title sheet. (1 print)
3. Development improvement plan title sheet. (1 print)
4. Water improvement plans. (2 prints)
5. Street, sewer, and drainage improvement plans. (1 sheet)
6. Grading plan. (1 sheet)
7. Cost estimate of water system improvements. (1 copy)
8. Hydraulic calculations (signed by a Registered Civil Engineer for this specific unit of development or for the entire tract/development if plans submitted are for one unit of the tract/development only. (1 copy)
9. Plan check fees computed in accordance with Section 9-D.
10. Construction inspection fees computed in accordance with Section 9-E.

9-B-13.2 The plans, cost estimate, and calculations shall be checked by the Engineer[197] who shall, within ten (10) days, approve them as filed or require them to be modified as he deems necessary. Any corrections required on the water plans or final map will be marked in red by the District. When the Owner's Engineer submits his plans for rechecking he shall include the check prints with his resubmittal.

9-B-13.3 All corrections, all financial arrangements, and all arrangements for dedication of easements to the District shall be completed and the "Certificate of Adequacy of Water Supply System" (if required) shall be signed by the

Owner's Engineer before the plans will be approved and signed by the Engineer.[197]

9-B-14 **APPROVAL AND ACCEPTANCE OF PLANS, SECURITY, AND AGREEMENTS**

9-B-14.1 The District requires that construction of the water system improvements be covered by a written agreement, a soils engineering and good and sufficient security of the type specified in Section 66499 of the Government Code for faithful performance, materials and labor, each in the amount equivalent to the total estimated cost of the work. Such security shall be satisfactory to the District. It shall guarantee correction of faulty workmanship and replacement of defective materials for a period of one (1) year after date of acceptance of the work by the District.

Upon request of the subdivider, the Engineer[197] may, at his discretion, reduce the amount of the water and sewer improvement security by partial exoneration in an amount not exceeding 50% of the initial amount of such security when a corresponding percentage amount of improvements has been fully completed to the satisfaction of the Engineer.[197]

9-B-14.2 The Owner's Engineer shall submit the following items to the District:

1. Tracings of the final map (if applicable).
2. Three copies of the agreement (Form No. WW-166).
3. Three copies of security (Labor and Materials).
4. Three copies of security (Performance).
5. Three copies of Agreement to Pay for Soils Engineering (Form No.WW-169).
6. Separate deeds of conveyance for easements and/or lands in fee if these are not conveyed on the final map.
7. The number which the County has assigned to the Environmental Impact Report for the development.

9-B-14.3 The District shall take all necessary action to have said water system improvement plans, agreement and security approved and accepted by the Board of Directors of the District and shall forward copies of same to the proper agency for processing. [25]

9-B-15 **INSPECTION:** The District shall contract with the County of Ventura or other governmental agency or shall employ a qualified person or persons to inspect the installation and testing of said water system improvements.

9-B-16 **ACCEPTANCE OF WATER SYSTEM IMPROVEMENTS BY THE DISTRICT**

9-B-16.1 The actual location of all water system improvements, including but not limited to the stationing of each water service, shall be accurately determined after

construction and shall be recorded on "As Built" plans. If water services are not at right angles to the water main, the stationing at the property line shall also be shown.

9-B-16.2 A permanent-type reproducible set of these "As Built" plans, which have been certified as being correct, signed and dated by the Owner's Engineer, shall be submitted to the Director.

9-B-16.3 The District shall take the necessary action to have the improvements accepted by the Board of Directors and to have the security exonerated under the terms set forth in the agreement. [25]

PART 9 - SECTION C - WATER SYSTEMS FOR DEVELOPMENTS WITHIN AN IMPROVEMENT ZONE

9-C-1 The owner/developer shall give the District in writing the tentative dates of required installation of water system improvements to furnish water to his development six months in advance of such required installation to

9-C-2 The District will prepare the water improvement plans and will take the necessary action to have the system installed with the exception of construction staking which will be furnished by the owner/developer at no cost to the District. To initiate this design of the system, the owner/developer shall, at least one month prior to recordation of the final map, or, if no final map is required, at least ninety days prior to start of construction, submit prints of the following to the District:

1. Approved tentative map (if not previously submitted).
2. Final map including title sheet.
3. Street, sewer, and drainage improvement plans.
4. Grading plan.
5. Overall plan for the entire development if system is to be designed for one unit of development only.

9-C-3 Said plans and final map will be used as a basis for the design of the water system and any subsequent change in these tentative plans which requires any major change in the water system shall be the responsibility of the owner/developer and any resulting costs shall be paid for by the owner/developer.

9-C-4 **EASEMENTS:** The procedure for conveying easements and lands in fee shall be as set forth in Section 9-B-12 hereof.

9-C-5 The development General Notes shall include a note stating that the water system shall be constructed in accordance with the Rules and Regulations of the applicable Ventura County Waterworks District.

9-C-6 If the development is a subdivision in which certain lots will be dedicated to a nontaxable entity, the developer shall pay Capital Improvement Charges on these lots before the District approves recordation of the final map.

9-C-7 In some cases, such as in planned developments, parcel maps, special use permits, and conditional use permits, the owner may desire that certain on-site facilities, such as fire lines, be accepted by the District for operation and maintenance. If the District agrees to accept these facilities, the facilities shall be designed, furnished, and installed at the owner's expense subject to prior approval of the improvement plans by the District. The installation of facilities shall be inspected and approved by the District at the owner's expense.

PART 9 - SECTION D - PLAN CHECK FEES FOR DISTRICT WATER AND SEWER SYSTEM IMPROVEMENTS [83]

9-D-1 The plan check fees for District water and sewer system improvements shall be as set forth below:

9-D-1.1 **SINGLE RESIDENTIAL WATER AND SEWER SERVICE PLAN CHECK FEE:** There shall be no plan check fee for a single residential water and sewer service connection.

9-D-1.2 **MULTIPLE RESIDENTIAL, COMMERCIAL, INSTITUTIONAL, INDUSTRIAL, OR MISCELLANEOUS WATER AND SEWER SYSTEM IMPROVEMENTS PLAN CHECK FEE:** The multiple residential, commercial, institutional, industrial, or miscellaneous water and sewer system improvement plan check fee shall be based on actual cost (including overhead) to the District.

A fee deposit in the amount of one and one-half percent (1½%) of the District's approved estimate of the cost of the water and sewer system improvements to be constructed shall be deposited with the District at the time improvement plans are submitted for plan check.

If the actual cost to plan check (including overhead) exceeds the deposit, the applicant shall pay the additional amount due prior to District approval of the plans. If the actual cost to plan check (including overhead) is less than the deposit, District will refund the balance to the applicant within 90 days from the District's approval of the plans.

9-D-1.3 **SUBDIVISION FINAL MAP OR PARCEL MAP WATER AND SEWER SYSTEM IMPROVEMENTS PLAN CHECK FEES**: The water and sewer system improvements to be constructed as a condition of approval by the Governing Body of a final tract map or parcel map, require the payment for plan check based on actual cost (including overhead) to District in order for the water and sewer system improvements to be constructed in a publicly dedicated street, waterline easement, or right of way dedicated to the District.

A fee deposit of one and one-half percent (1½%) of the District's approved estimate of the cost of the water and sewer system improvements to be constructed shall be deposited with the District at the time improvement plans are submitted for plan check.

If the actual cost to plan check (including overhead) exceeds the deposit, the applicant shall pay the additional amount due prior to District approval of the

plans. If the actual cost to plan check (including overhead) is less than the deposit, District will refund the balance to the applicant within 90 days from the District's approval of the plans.

PART 9 - SECTION E - CONSTRUCTION INSPECTION FEES FOR DISTRICT WATER AND SEWER SYSTEM IMPROVEMENTS [83]

9-E-1 The construction inspection fees for District water and sewer system improvements shall be as set forth below:

9-E-1.1 **SINGLE RESIDENTIAL WATER AND SEWER SERVICE CONSTRUCTION INSPECTION FEE:** The water and sewer service construction inspection fee shall be $125.00.

9-E-1.2 **MULTIPLE RESIDENTIAL, COMMERCIAL, INSTITUTIONAL, INDUSTRIAL, OR MISCELLANEOUS WATER AND SEWER SYSTEM IMPROVEMENTS CONSTRUCTION INSPECTION FEE:** The water and sewer system improvements construction inspection fee for multiple residential, commercial, institutional, industrial, or miscellaneous developments shall be based on actual cost (including overhead) to District. The following fee deposit shall be deposited with the District prior to District approval of improvement plans:

a. A fee deposit of 5% of the first $20,000 of the District's approve estimate of the cost of the water and sewer system improvements.

b. A fee deposit of 3 1/2% of the next $80,000 of the District's approved estimated water and sewer system improvement costs.

c. A fee deposit of 3% of the District's approved estimated water and sewer system improvement costs over $100,000.

If the actual cost of inspection (including overhead) exceeds the deposit, the applicant shall pay the additional amount due prior to District's acceptance of the improvements. If the actual cost of inspection (including overhead) is less than the deposit, District will refund the balance to the applicant within 90 days from District's acceptance of the improvements.

9-E-1.3 **SUBDIVISION FINAL MAP OR PARCEL MAP WATER AND SEWER SYSTEM IMPROVEMENTS CONSTRUCTION INSPECTION FEES:** The construction inspection fees for water and sewer system improvements to be constructed as a condition of approval by the Governing Body of a final tract map or parcel map shall be computed on the same basis as those fees set forth in Section 9-E-1.2a, 9-E-1.2b, and 9-E-1.2c hereof.

PART 9 - SECTION F - ANNEXATION PROCEDURES [72]

9-F-1 Application procedures for annexation to a Waterworks District are as follows:

(i) The proposed annexation will first be considered by Waterworks District Advisory Committee.

(ii) The District staff will prepare a Resolution of Application Initiating the Proceedings for Annexation for transmittal to the Board of Supervisors to initiate the annexation process.

(iii) Upon Board approval, the application material will be forwarded to the Local Agency Formation Commission (LAFCO) (including an Assessor's Parcel Map of the annexation area and metes and bounds description).

(iv) LAFCO will conduct a public hearing and either approve or deny the annexation.

(v) The LAFCO's resolution, if approved, will then be submitted to the Board of Supervisors for final approval.

(vi) The Board of Supervisors' resolution of approval is then returned by the Clerk of the Board to the LAFCO office for recordation and filing with appropriate State and local agencies, which completes the annexation procedures.

9-F-2 **FEES:** The applicant shall pay the District a fee of $315.00 to process the Resolution of Application Initiating the Proceedings for Annexation and deposit an amount, estimated by the District, to reimburse the District for actual costs incurred in processing the annexation. Said deposit shall be required to be submitted after approval of the Resolution of Application and prior to the District forwarding the Resolution to LAFCO. If the actual cost exceeds the initial deposit, the remaining balance shall be paid prior to final approval. If the actual cost is less than the deposit, the balance will be refunded to the applicant.

PART 10 - OPERATION AND MAINTENANCE OF SEWAGE COLLECTION SYSTEM (PIRU) 23b

The California State Water Code Division 16, Section 55335.5, provides for a waterworks district to construct, maintain, and operate sewage collection and treatment facilities and dispose of the effluent there from in any lawful manner and also do all that is necessary or proper to accomplish such powers. The rules and regulations of Part 10 of this publication are based on this authority.

PART 10 - SECTION A - VENTURA COUNTY WATERWORKS DISTRICT NO. 16 (PIRU)

Purpose: These Rules and Regulations are intended to govern the use and construction of sanitary sewer facilities hereafter installed, operated, altered, or repaired within the District. These Rules and Regulations shall not apply retroactively and, in the event of any alteration or repair hereafter made, it shall apply only to the new materials and methods used therein. These Rules and Regulations shall not conflict in any way with any other ordinance, rules, or regulations of the District.

PART 10 - SECTION B - DEFINITION OF TERMS

RULE

10-B-1 **DISTRICT**: District shall mean the Ventura County Waterworks District No. 16 (Piru).

BOARD: Board shall mean the Board of Supervisors of Ventura County, acting as the Board of Directors of Ventura County Waterworks District No. 16 (Piru).

ENGINEER: The Engineer shall mean the Director of the Public Works Agency of Ventura County or his authorized representative.198

MANAGER: The Manager shall mean that employee of the Public Works Agency assigned to the Water and Sanitation Department to be in direct responsible charge of the operations, construction, repair, and maintenance, of the District's facilities, under the direction of the Director.198

DIRECTOR: Director shall mean that employee of the Public Works Agency assigned to the Water and Sanitation Department to be in direct responsible charge of the operations, budgets, construction, repair, maintenance, and business of Waterworks District No. 16 (Piru).198

PERSON: Person shall mean any human being, individual, firm, company, partnership, association; private, municipal or public corporations, the United States of America, the State of California, districts and all political sub-divisions, governmental agencies and mandatory's thereof.

PERMIT: Permit shall mean any written authorization required pursuant to the Rules and Regulations of the District for the installation or connection of any sewage works.

DESIGN ENGINEER: The engineer who designs the sewerage facilities or appurtenances thereto under the direction of a Civil Engineer registered in the State of California.

REGISTERED CIVIL ENGINEER: A Civil Engineer registered in the State of California employed by a sewer agency, owner, or developer.

INSPECTOR: The Sewer Inspector for the District duly authorized by the Engineer and responsible for the particular duties delegated to him.[198]

DEVELOPER: The person or persons, firm, partnership, corporation, or combination thereof, who have entered into an agreement with the governing body of the district, as party or parties of the second part of his or their legal representative.

SERVICE APPLICANT shall mean the person making application for a permit for a sewer (or application for sewer service) and shall be the owner, tenant, or agent of the premises to be served by the sewer for which application is made.

CUSTOMER shall mean the person or agency of record receiving sewer service from the District.

UNIFORM PLUMBING CODE shall mean the Plumbing Code adopted by Ventura County Board of Supervisors for unincorporated areas or the Uniform Plumbing Code as adopted by the local city if the area is located in the city.

PLUMBING SYSTEM shall mean all plumbing fixtures and waste and vent pipes, and all sanitary sewer pipes within a building and extending to the building sewer connection three feet (3') outside the building wall.

EASEMENT shall mean the public way or right-of-way which the District is authorized to use for pipeline, sewer, or other purposes.

PRIVATE EASEMENT shall mean an easement in which a customer or others may have installed a sewer line for the transportation of sewage to the District sewers, in which easement or sewer the District has no interest or responsibility.

MAIN SEWER EXTENSION shall mean the extension of the Main Sewer beyond the existing facilities, exclusive of sewer service connections.

PRIVATE CONTRACT WORK shall mean construction of sewer lines or mains and related facilities within the District by a land developer or persons other than the District.

AUTHORIZED PRIVATE CONTRACT WORK shall mean Private Contract work authorized by the District.

PRIVATE CONTRACTOR shall mean a person or firm, not employed by the District or County, engaged in the installation of sewer facilities within the sewer service area of the District or within territory being considered for annexation thereto.

INTERCONNECTION shall mean an authorized connection of the District sewer system to the sewer system of another sewer agency.

DOMESTIC SEWAGE shall mean the waterborne wastes derived from the ordinary living processes, free from commercial, institutional, or industrial wastes, and of such character as to permit satisfactory disposal, without special treatment, into the public sewer or by means of a private sewage disposal system.

INDUSTRIAL WASTE shall mean any and all commercial, institutional, or industrial waste substances, liquid or solid, except domestic sewage and including, but not limited to, radioactive wastes and explosives, noxious, toxic, or corrosive gases or liquids when present in the sewerage system.

B.O.D. shall mean Biochemical Oxygen Demand as described in Standard Methods for the Examination of Water and Wastewater.

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER shall be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association, except where the Engineer[198] approves other procedures necessary for unusual wastes.

BUILDING: Building shall mean any structure used for human habitation, business, recreation, or other uses requiring sanitary facilities.

CONTRACTOR: Contractor shall mean any individual, firm, partnership, association, or corporation currently licensed by the State of California to perform the type of work required by permit.

STREET shall mean any public highway, road, street, avenue, alley, way, or public place dedicated and accepted by the County.

SEWAGE shall mean a combination of water-carried wastes from a residence, a business, an institution, or an industrial establishment.

SEWAGE WORKS shall mean all facilities for the collection, transportation, pumping, treatment, and disposal of sewage.

SINGLE RESIDENTIAL sewer connection shall mean a sewer to serve a single residence.

MULTIPLE RESIDENTIAL sewer connection shall mean a sewer to serve more than one single family residence.

COMMERCIAL shall mean a site or building used for the exchange or buying and selling of commodities and shall also mean a hotel or motel.

INSTITUTIONAL shall mean any educational institution supported by state or local taxes.

INDUSTRIAL shall mean a fraternal organization or private school; it shall also mean any site, structure, building, or works which is, or which is designed, to be used for the manufacture, processing, or distribution of materials, equipment, supplies, food, or commodities of any description; or which is used or designed as a sanitarium, hospital, penal institution, or charitable institution; together with all appurtenances thereto and the surrounding premises under the same ownership or control.

SEWER CONNECTION FEE shall mean a fee to obtain permission to connect to the District sewer, to have flow capacity rights and to use the trunk sewer, sewage treatment facilities and appurtenances, provided that the District's prevailing service charges have been paid.

SEWAGE TREATMENT PLANT shall mean any devices, facilities, or structures used for the treatment of sewage.

SEWER shall mean any pipe or conduit for the transportation of sewage.

PRIVATE SEWER shall mean a sewer serving an independent sewage disposal system not connected with a public sewer.

PUBLIC SEWER shall mean a sewer lying within a public way or easement under the jurisdiction of the District.

SANITARY SEWER shall mean a sewer to which storm, surface, and ground waters are not intentionally admitted.

HOUSE LATERAL SEWER shall mean that portion of a public sewer within a public way or easement which connects a building sewer to the main sewer.

BUILDING SEWER shall mean that portion of any sewer which begins at the plumbing or drainage outlet of a building or industrial facility and runs to the property line or a private sewage disposal system.

SIDE SEWER shall mean the sewer line which begins at the foundation wall of a building and terminates at the main sewer and includes both the building and house lateral sewer.

MAIN SEWER shall mean a public sewer which is designed to accommodate more than one lateral sewer.

STRUCTURAL IMPROVEMENTS shall mean both Capital Improvements and Local System Improvements, including land, real estate, all classes of sewers, sewer service connections, pumping plants, treatment plants, electrical systems, and appurtenances.

CAPITAL IMPROVEMENTS shall mean those portions of the "Structural Improvements" of a District, the use of which is necessary to and shared in common by the entire District and shall specifically include:

a. Real estate and rights-of-way.

b. Sewer mains which are not classified as (belonging to) local system improvements.

c. Pumping plants and all piping thereon, on main line sewers.

d. Force main piping.

e. Sewage treatment plants.

f. Sewage storage structures.

LOCAL SYSTEM IMPROVEMENTS shall mean the following structural improvements:

a. Lateral sewer lying within the public way from the fitting at the main sewer to the property line.

b. All sewer mains used for the collection of sewage from a local area, land division, or subdivision.

REFERENCE TO STANDARDS AND PUBLICATIONS: Any reference made in these standard specifications or on the drawings to any specifications, standard methods, or publications or any scientific or technical society or other organization shall, in the absence of a specific designation to the contrary, be understood to refer to the specifications, standard method, or publication in effect on the date the work is approved.

GRADE shall mean the ratio of vertical rise to one unit of horizontal distance and with the vertical rise and horizontal distance in the same units.

PART 10 - SECTION C - GENERAL

RULE

10-C-1 **SERVICE AREA MAPS AND LEGAL DESCRIPTIONS**: Maps and legal descriptions of service areas and special zones of District shall be maintained in the office of the County Surveyor[199] and may also be maintained in the office of the Director of Public Works Agency of Ventura County.

10-C-2 **DESCRIPTION OF SERVICE:**

SEWER SERVICE: The District will exercise reasonable diligence and care to:

Provide a continuous service of receiving sanitary sewage from the customer, and

Avoid unnecessary stoppages or interruptions of the flow of sewage in District's sewers.

10-C-3 **ORIGINAL CONNECTIONS ON COMMENCEMENT OF OPERATION OF SEWAGE COLLECTION SYSTEM**: The District will provide house laterals to the property lines for existing homes, buildings, and structures within the District completed prior to October 25, 1974 if the subject property abuts a public dedicated street or sewer easement.

The above provisions shall apply to homes, buildings, and structures for which there has been issued a valid building permit on or before October 25, 1974.

10-C-4 **BUILDING SEWERS, LATERAL SEWERS, AND CONNECTIONS**:

10-C-4.1 **MINIMUM SIZE AND GRADE**: The minimum size of a building sewer shall be four inches (4") in diameter. A building sewer serving a duplex shall be not less than four inches (4") in diameter. A building sewer serving a multiple dwelling of three or more units shall be not less than six inches (6") in diameter. When more than one building sewer shall be connected to a single side sewer, the side sewer from the point of intersection of two or more units shall be not less than six inches (6") in diameter and shall have an approved cleanout at the property line. The minimum grade of a building sewer shall have a fall of not less than two feet (2') per one hundred feet.

10-C-4.2 **OLD BUILDING SEWERS** may be used in connection with new buildings only when they are found, upon examination and test by the Engineer, to meet all requirements of the District. The examination and testing fee shall be determined by the Engineer and shall be paid by the applicant.

10-C-4.3 **CONNECTIONS TO PUBLIC SEWERS**: The connection of the building sewer into the public sewer shall be made at the lateral or tee branch, if such lateral or tee branch is available at the suitable location. Where no properly located tee branch is available, a neat hole may be cut into the public sewer and a tee saddle or a sewer stub nipple adaptor installed to receive the lateral sewer. In no case shall the pipe protrude beyond the inside diameter of the main sewer. The invert of the building or lateral sewer at the point of connection shall be at a higher elevation than the invert of the public sewer.

The connection to the public sewer shall be made in the presence of the Inspector and under his supervision and direction. Material removed by the neat hole cutting shall be removed from the sewer. Any damage to the public sewer shall be repaired at the cost of the applicant and to the satisfaction of the Inspector.

10-C-4.4 **CLEANOUTS**: Cleanouts in building sewers shall be provided in accordance with the Uniform Plumbing Code. Cleanouts shall be the same diameter as the building sewer and shall be watertight.

10-C-4.5 **PROTECTION OF EXCAVATION**: All excavations for a side or lateral sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other property disturbed in the course of the work shall be restored in a manner satisfactory to the Engineer$_{199}$. All excavations including shoring and trench protection shall be performed in accordance with Federal, State, and local regulations.

10-C-4.6 **LARGE INCREASE IN THE USE OF SEWER**: Customers making any change in operations on their premises requiring substantial increases in the sewage flow through the District's facilities shall immediately give the Engineer$_{199}$ written notice of the nature of the change.

10-C-5 **ORIGINAL FEES ON COMMENCEMENT OF OPERATION OF SEWAGE COLLECTION SYSTEM**

10-C-5.1 **CONNECTION FEE:** No fee will be collected from persons within the District who have private sewer systems as of October 25, 1974, or who possess valid building permits prior to said date. Subsequent to October 25, 1974, the connection fee shall be determined periodically by the District.

10-C-5.2 Up to and including October 25, 1974, the District shall provide all lateral sewers, necessary to connect the individual building sewer lines of residences and buildings to the District main sewer line providing the subject property abuts a public street dedicated and accepted by the County.

10-C-5.3 Subsequent to October 25, 1974, persons other than those qualifying in paragraph 10-C-5.2 above shall be required to finance and install at their own expense the necessary lateral sewer to connect with the District's collection system's line in order to serve their property. This installation shall be in addition to the building sewer line which connects with the lateral sewer.

10-C-5.4 The following shall apply for each equivalent residential unit sewer service charge:

Any property owners with a private sewer system, who will make application for sewer service before March 1, 1975 and pay $22.00, will have until October 1, 1975 to make the physical connection between his existing system and the District's system. A property owner who has not made application by March 1, 1975, nor paid $22.00, the owner then must pay $83.00 by April 1, 1975, or $77.00 by May 1, 1975, in order to be connected. If the property owner has not made application or connected his system to the District's system by May 1, 1975, he would then be subject to the then prevailing connection fee, plus an appropriate amount for monthly service charges.

10-C-6 **FEES**

10-C-6.1 **SEWER CONNECTION FEES** as outlined below shall be paid in full prior to final approval of any Subdivision, Planned Development, Land Division, Special Use Permit and/or prior to the commencement of any work necessary to furnish sewer service to any residence, building, or parcel.

However, in a case where an individual owns a parcel of land larger than ten acres in size but desires sewer service for only a small portion thereof, and if the District is financially able to do so, it may, at its option, collect sewer connection fees for only that portion of the parcel that is to be developed as shown on Subdivision, Planned Development, or Special Use Permit improvement plans. At such time as further development of the parcel occurs, the then applicable sewer connection fees shall be paid for the remainder.

Said sewer connection fee shall be in accordance with the rate effective on the date of issuance of the permit or, in the case where a final map is required, the fee shall be in accordance with the rate effective on the date of the recordation of the final map.

10-C-6.2 **SINGLE RESIDENTIAL LOT SEWER CONNECTION**: A fee as shown in Section 10-C-6.5 shall be paid for each residential lot.

10-C-6.3 **MULTIPLE RESIDENTIAL SEWER CONNECTION**:[238] A fee as shown in Section 10-C-6.5 shall be paid for each Equivalent Residential Unit, or fraction thereof. Each apartment unit, or similar type dwelling unit, including a mobile home, shall be considered 0.80 Equivalent Residential Unit and each trailer space shall be considered one-half (1/2) of an Equivalent Residential Unit. The number of Equivalent Residential Units for each recreational and/or other miscellaneous facilities, within the multiple residential complex shall be computed per Method A or Method B in Section 10-C-6.4. No connection fee shall be charged for laundry room facilities within the complex open to use only by residents of the complex.

10-C-6.4 **COMMERCIAL, INDUSTRIAL, INSTITUTIONAL, OR MISCELLANEOUS SEWER CONNECTION**: A fee computed, at the option of the District, by use of Methods A, B, or C below, shall be paid.

Method A: Based on Water Meter Size.

Each 5/8" or 3/4" meter shall be one (1) equivalent residential unit.

Each 1" meter shall equal two (2) equivalent residential units.

Each 1 ¼" or 1 ½" meter shall equal four (4) equivalent residential units.

Each 2" meter shall equal seven (7) equivalent residential units.

Each 3" meter shall equal fifteen (15) equivalent residential units.

Each 4" meter shall equal thirty (30) equivalent residential units.

Each 6" meter shall equal sixty (60) equivalent residential units.

Fee for each equivalent residential unit or fraction thereof, shall be shown in Section 10-C-6.5.

Method B: Based on Number of Plumbing fixtures. Each twenty-five (25) plumbing fixture units as defined in the Uniform Plumbing Code under the Section entitled "Drainage Systems" shall be considered equal to one (1) equivalent residential unit. The fee for each equivalent residential unit, or fraction thereof, shall be as shown in Section 10-C-6.5.

Method C: Based on Flow and Waste Characteristics. Where flow and waste characteristics are of an unusual nature, the sewer connection fee shall be determined on the basis of strength of the five (5) day Biochemical Oxygen Demand (BOD), suspended solids, quantity of flow and other factors of the waste discharge that affect the sewer transmission and sewers, treatment and disposal. Determination of the strength of waste shall be conducted in accordance with the latest edition of "Standard Methods for the Examination of Water & Wastewater," as published by the American Public Health Association, except where wastes of unusual character make other procedures necessary.

10-C-6.5 **SCHEDULE OF SEWER CONNECTION FEES**: Sewer connection fees shall be in accordance with the following schedule: 210

FEE SCHEDULE 239

Residential, per Residential Lot	$ 4,570
Multiple Residential, per Equivalent Residential Unit, or fraction thereof.	$ 4,570
Commercial, Industrial, Institutional, or Miscellaneous, computed by Method A or B in Section 10-C-6.4 per Equivalent Residential Unit, or fraction thereof.	$ 4,570
Commercial, Industrial, Institutional, or Miscellaneous, computed by Method C in Section 10-C-6.4	To be determined by District

10-C-7 **SEWER SERVICE CHARGES** shall be in accordance with the following schedule: 224

Type of Sewer Connection	Annual Charge
Single Residential, per each residential lot.	$ 778.68
Multiple residential, per each equivalent residential unit or fraction thereof. (Each apartment, mobile home, or similar type dwelling unit shall be considered one (1) equivalent residential unit and each trailer space shall be considered one-half (1/2) of an equivalent residential unit. The number of equivalent residential units for recreational and/or other miscellaneous facilities within the multiple residential	$ 778.68

complexes shall be computed per Method A or B in Section 10-C-6.4.)	
Commercial, Industrial, Institutional, or Miscellaneous, when equivalent residential units are computed per Method A or B in Section 10-C-6.4 per equivalent residential unit, or fraction thereof.	$ 778.68
Commercial, Industrial, Institutional, or Miscellaneous, when flow and waste characteristics are of unusual nature, each ser-vice charge shall be computed on the basis of strength of the five day Bio-chemical Oxygen Demand (BOD), suspended solids, quantity of flow, and other factors of the waste discharge that effect the sewage transmission, sewers, treatment and disposal.	To be Calculated

10-C-7.2 **METHOD OF COLLECTION**: Billing for sewer service charges shall be made bi-monthly and shall be due and payable in cash on presentation and shall become delinquent nineteen (19) days after mailing date. Non-payment of sewer service charges shall cause service to be shut off. Delinquent notices shall first be presented by mail on in person. [79]

10-C-7.2.1 For an initial connection of any building, structure, or other facility to the District sewer, the charge for sewer service shall begin with the first day of the month following the date of issuance of the appropriate Building and Safety Department's Certificate of Occupancy and shall continue until a request for discontinuance of service is received by the District. Said sewer service charge shall be billed to the recipient of the Certificate of Occupancy in a manner provided elsewhere in these Rules and Regulations.

10-C-7.2.2 When it becomes necessary to bill for a period other than two months, a daily prorated charge will be calculated. [79]

10-C-7.2.3 If more than one tenant on a parcel of property is served through a single sewer service, the District will render a single bill to the property owner or applicant of record. Said bill shall include a charge for sewer service to be computed in accordance with Section 10-C-6 of these Rules and Regulations.

10-C-7.2.4 The Director[199] or his authorized representative may make adjustments or waive charges to customer bills for those charges resulting from billing errors or other discrepancies.[79]

No sewer service charge will be made upon notification to the District that the property is vacant and does not require service. The District may at its option require verification that the property is not receiving water service.[79]

10-C-7.3 **ALTERNATIVE METHOD OF COLLECTION**: Pursuant to Section 5473 of the Health and Safety Code of the State of California, the sewer service charge for any sewer service connections covered by a permit issued

pursuant to Section 10-E-1 of these Rules and Regulations for any lot, building, or parcel of land shall be collected on the tax roll in a manner provided for in Ordinance Waterworks District No. 16-1 adopted by the Board.

10-C-7.4 **SEWER SERVICE STANDBY CHARGES**: Pursuant to Section 55507 of the State of California Water Code, a sewer service standby or immediate availability charge shall be applied, on a parcel basis, within the District, to be charged to such parcels which sewer service is made available by the District, whether the sewer service is actually used or not and shall be collected on the tax roll in the same manner, by the same persons, and at the same time as, together with, and not separately from, the general county taxes upon approval of the Board.

10-C-8 **DELETED** 83

10-C-9 **DELETED** 83

10-C-10 **DELETED** 83

10-C-11 **INDUSTRIAL WASTE TESTING FEE**: The testing fee shall be based upon actual costs of the tests. The District Engineer199 shall estimate the cost of testing and shall require a cash deposit equal to the estimated cost of the test from the applicant prior to start of the testing.

PART 10 - SECTION D - PUBLIC SEWER USE

RULE

10-D-1 **WASTE DISPOSAL**: It shall be unlawful for any person to place, deposit, or permit the deposit in an unsanitary manner upon public or private property within the District, or in any area within the jurisdiction of the District, any human excrement or other objectionable waste, except chemical toilets on a construction site may be used during the construction period.

10-D-2 **TREATMENT OF WASTE**: It shall be unlawful to discharge into any drainage conduit, stream, or water course any sewage, industrial waste, or other polluted waters.

10-D-3 **UNLAWFUL DISPOSAL**: Except as provided herein, it shall be unlawful to construct any privy, privy fault, septic tank, cesspool, sewage pit or other facility intended for the disposal of sewage.

10-D-3.1 **BRINE PROHIBITED**: Salt brines from on-site regenerated water softeners shall not be permitted to discharge into the laterals or other sewer lines connected with the District sewerage system.

10-D-4 **OCCUPANCY PROHIBITED**: No building, structure, or other facility shall be occupied until the owner of the premises has complied with the provisions of these Rules and Regulations.

10-D-5 **LIMITATIONS ON INDUSTRIAL DISCHARGES AND WASTES**: Limitations as outlined below are placed on certain wastes and discharges into the District sewers.

10-D-5.1 Material which will settle out in the sewers, such as sand or metal filings; any garbage that has not been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particles greater than one-half inch (1/2") in any dimension; any ashes, cinders, mud, straw, glass, rags, feathers, tars, plastics, wood, paunch manure, hair, or any other solid or viscous substance capable of causing obstruction to the flow in sewers or other interference with the proper operation of the sewage works shall not be discharged to the sewers.

10-D-5.2 Moderate amounts of dispersed grease and oil can usually be tolerated, but sewer stoppages occur from grease accumulations, and excessive amounts of oil cause difficulties at the treatment plant. Industries therefore may not use the sewers as a means of disposal of oil and grease, and steps must be taken to remove these substances from waste waters insofar as practicable. In the case of industries with large volumes of waste waters containing oils of a hydrocarbon nature, the floatable oil content will be limited to 10 parts per million. Industries with wastes containing animal or vegetable oils or fats mixed with other suspended matter rendering separation difficult, may in some cases be allowed higher concentration of floatable oil or grease, up to 25 parts per million. Dispersed oil and grease will in general be allowed in concentrations up to 100 parts per million provided that dilution of the waste in sewage does not cause the oil or grease to separate on the surface or collect on the walls of the sewer. Definition of floatable oil and grease, and instructions for determination of same, are available on request from the District's office.

10-D-5.3 Any discharges and wastes containing unreasonable or unnecessarily large amounts of suspended solids shall not be discharged into the sewers unless, and at the option of the District, they are pretreated to reduce the suspended solids to 350 parts per million by weight or the industry discharging the same shall be charged the prorated cost of corrective treatment in the sewage works of the District.

10-D-5.4 High B.O.D. wastes may in some cases cause excessive putrefaction or sulfide formation. In such cases, and at the discretion and option of the District, these wastes shall be pretreated to reduce the five-day Biochemical Oxygen Demand to 300 parts per million before discharge into the sewers or the industry discharging the same shall be charged the pro-rata cost of corrective treatment in the sewage works of the District.

10-D-5.5 Any noxious or malodorous gas or substance capable of creating a public nuisance shall not be discharged to the sewers.

10-D-5.6 Dissolved sulfides in wastes discharged into the sewer shall not exceed a concentration of 0.1 parts per million.

10-D-5.7 Acids shall not be discharged into the sewer unless neutralized to a pH value not lower than 6.0 or higher than 9.0. Highly alkaline wastes shall usually be accepted, except where they may cause encrustation of sewers. Nitric acid requires special consideration; the Engineer shall be consulted prior to making such discharges.

10-D-5.8 Compounds which may give off toxic, explosive, or flammable liquid, solid or gas, in amounts considered dangerous by the District shall not be permitted in the sewers. The concentration of cyanide in any waste (including HCN and CN) shall not exceed 10 parts per million. Wastes containing radioactive material shall require special consideration and a permit therefore issued by the District.

10-D-5.9 Contaminated cooling water blow-down, or bleed, from cooling towers or other evaporative coolers equaling not more than half of the evaporation loss (one-third of the make-up) are acceptable in the sewer. Where cooling is done by using only heat exchange, without utilizing evaporative cooling, the waste water shall not be discharged into the sewer. Toxins or pollutants exceeding Federal or State requirements shall not be discharged to the District sewer.

10-D-5.10 The sanitary sewers in the District are not designed to carry storm waters. Industries shall, therefore, segregate sewage and industrial wastes with roof and yard run-off going to suitable storm water channels.

10-D-5.11 As it is important to keep the temperature of the sewage as low as possible, the temperatures of discharges shall be no higher than 150°F. Where the quantity of discharge represents a significant portion of the flow in a particular sewer, the allowable temperature may, at the discretion of the Engineer$_{200}$ be lowered to reduce sulfide generation in the sewer.

10-D-5.12 Chemical solutions containing nitric acid or salts thereof in concentrations above 5% by weight, and volumes in excess of 300 gallons per day, shall not be discharged into the sewer as they interfere with sewage treatment processes.

10-D-5.13 Wastes containing boron, fluoride, chlorides and sodium or potassium or other dissolved solids or chemicals which will cause the effluent of the District's treatment facilities to exceed the requirements of the Water Quality Control Board of the State of California or the Federal Government shall not be discharged into the sewers.

10-D-5.14 Any septic tank or cesspool sludge or any overflow from cesspools, manure pits or other receptacles storing organic wastes shall not be discharged into the District sewers.

10-D-5.15 Any liquid and/or pulp, being residue resulting from reducing of lemons, oranges or other citrus fruits, to the juice state shall not be discharged to the sewers without pretreatment and as approved by the Engineer.

10-D-5.16 Any salt water or brine solutions in concentrations that are detrimental to domestic sewage treatment and disposal of effluent shall not be discharged to the sewers.

10-D-6 **INTERCEPTORS REQUIRED**: Grease, oil, and sand interceptors shall be provided when, in the opinion of the Engineer$_{200}$, they are necessary for the proper handling of liquid wastes containing grease and in excessive amounts or any flammable wastes, sand, and other harmful ingredients, except that such interceptors shall not be required for buildings used for residential purposes. All interceptors shall be of a type and capacity approved by the

Engineer[200], and shall be so located as to be readily and easily accessible for cleaning and inspection.

10-D-6.1 MAINTENANCE OF INTERCEPTORS: All grease, oil, and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all times.

10-D-7 **PRE-TREATMENT OF COMMERCIAL, INSTITUTIONAL, OR INDUSTRIAL WASTES**: The admission into the public sewers of any waters or wastes containing an unacceptable quantity of any substance having the character described in Section 10-D-5 or having an average daily flow greater than two percent (2%) of the average daily sewage flow of the District, shall be subject to the review and approval of the Engineer.[200] Where necessary, in the opinion of the Engineer,[200] the owner shall provide, at his expense, such pre-treatment as may be necessary to reduce the objectionable characteristics or constituents to within the maximum limits provided for in Section 10-D-5 or control the quantities and rate of discharge of such waters or wastes. Plans, specifications, and any other pertinent information relating to proposed pre-treatment facilities, including metering devices where necessary, shall be submitted for the approval of the Engineer[200], and construction of such facilities shall not be commenced until said approval is obtained in writing.

10-D-7.1 MAINTENANCE OF PRE-TREATMENT FACILITIES: Where pre-treatment facilities including metering devices are provided or required for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense and to the satisfaction of the Engineer.[200]

10-D-8 **CONTROL MANHOLES**: When required by the Engineer, [200] the owner of any property served by a side sewer carrying commercial, institutional, or industrial wastes shall install a suitable control manhole in the side sewer to facilitate observation, sampling, and measurement of wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Engineer.[200] The manhole shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times. In the event that no special manhole has been required, the control manhole shall be considered to be the downstream manhole in the public sewer nearest to the point at which the side sewer is connected.

10-D-9 **MEASUREMENTS AND TESTS**: All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in Section 10-D-5 shall be determined at the control manhole provided for in Section 10-D-8, or upon suitable samples taken at said control manhole and shall be determined by the procedures described in the "Standard Methods for the Examination of Water and Wastewater." A program of tests and reporting of test results shall be submitted for approval of the Engineer.[200]

10-D-10 **SPECIAL AGREEMENT**: No statement contained in this article shall be construed as preventing any special agreement or arrangement between

District and any industrial concern whereby an industrial waste of unusual strength of character may be accepted by the District for transportation, treatment, and disposal, subject to payment therefore by the industrial concern and subject to such terms and conditions, as might be required by the District. The unit payment for sewer service shall in no case be less than required by Federal, State, or other local agencies.

PART 10 - SECTION E - PUBLIC SEWER CONSTRUCTION

10-E-1 **PERMITS**

10-E-1.1 **PERMIT REQUIRED**: No unauthorized person shall uncover, connect with, or open into, use, alter, or disturb any public sewer or appurtenance, or perform work on any drainage system without first obtaining a written Permit from the District. Such Permit shall be posted at the worksite and shall be shown upon the demand of any authorized District representative.

10-E-1.2 **APPLICATION FOR PERMIT**: Any person legally entitled to apply for and receive a Permit shall make an application to the District on the form provided. The location, ownership, occupancy and use of the premises and a description of the proposed nature of the work to be performed shall be provided by the applicant. Specifications, plans, drawings and other information shall be supplied to the Engineer$_{201}$ as deemed necessary.

10-E-1.3 **PERMIT COMPLIANCE**: The approval of the application is evidenced by the issuance of a Permit. Thereafter, no change shall be made in the location of the sewer, the grade, materials, or other details described in the Permit or as shown on the approved plans and specifications, unless prior written permission is obtained from the Engineer$_{201}$.

10-E-1.4 **AGREEMENT**: The signature of the applicant on an application for a Permit shall constitute an agreement to comply with all provisions, terms, and requirements of these Rules and Regulations and all Federal, State, and local regulations. The signature shall constitute an agreement to comply with the approved plans and specifications and any further corrections, or modifications as may be required by the Engineer. Such agreements shall be binding upon the applicant and may be modified by the Engineer after the receipt and consideration of a written request for modification submitted by the applicant.

10-E-1.4.1 The applicant shall enter into a written contract satisfactory to the District whereby he shall bind himself, his heirs, successors and assigns to abide by all ordinances, rules, and regulations regarding the use of such sewer, the connection, and the draining therewith. The applicant shall pay all permit fees and a monthly service charge set by the District for the use of such sewer.

10-E-1.5 **PERMIT CLASSES**: There shall be five (5) classes of permits.

a) Single Residential Lot sewer permit.

b) Multiple Residential, Institutional, Commercial, and Miscellaneous sewer permit.

c) Industrial sewer permit.

d) Private sewage disposal permit.

e) Subdivision Final Map or Parcel Map sewer permit.

10-E-2 **SEWER REQUIRED**: Any building or structure located on property which abuts any easement or right of way in which there is a present or planned public sewer of the District shall, at the expense of the owner of said building or structure, and, in accordance with the provisions of the District, be connected to the public sewer provided that said public sewer is within two hundred (200) feet of the property line of the site of the building or structure; and that said building or structure is not in excess of four hundred (400) feet from the district sewer. Said sewer connection shall be completed within sixty (60) days following receipt of official notification to proceed.

10-E-3 **CONSTRUCTION REQUIREMENTS**: The requirements of the Rules and Regulations of the District shall govern the construction of all building and lateral sewers.

10-E-4 **SEPARATE SEWERS**: Except as provided in Section 10-E-4.1 for condominium projects, no two adjacent lots fronting on the same side street shall be permitted to join in the use of the same side sewer, and every building or industrial facility shall be separately connected with a public sewer if such sewer is available. However, one or more buildings located on property belonging to the same owner may be served with the same side sewer during the period of said ownership. The District shall render a single bill to the property owner, or applicant of record which shall include the sewer service charge for the entire property. Upon subsequent subdivision and sale of the portion of a lot, that portion not directly connected with a public sewer shall be separately connected with the public sewer. It shall be unlawful for the owner to continue the use of or to maintain such indirect connection.

10-E-4.1 **CONDOMINIUM PROJECTS**: In condominium projects, two or more units of the condominium may, at the option of the District, be permitted to join in the use of the same side sewer. The responsibility for maintenance of such side sewer shall be as defined in Section 10-G-4 of these Rules and Regulations. The District shall render a single bill to the management body of the project, or its authorized representative, which shall include the sewer service charge for the entire condominium project as computed in accordance with Section 10-C-6 of these Rules and Regulations.

10-E-5 **SUBDIVISIONS**: Prior to the approval of the governing body of any final subdivision map the requirements of Rule 10-E-1 shall be fully complied with. Said map shall provide for the dedication for public use of all streets, easements, or rights of way in which public sewer lines are to be constructed. The developer shall construct the sewers in the subdivision or tract and dedicate the in-tract facilities to the District.

10-E-6 **INCOMPLETE CONSTRUCTION**: If the map as provided for in Section 10-E-5 is recorded, and the sewer construction of the tract is not completed within the time limit granted by permit, the governing body may extend the time limit, or may complete the work and take appropriate action to enforce the provisions of the bond furnished by the subdivider.

10-E-7 **EASEMENTS OR RIGHTS OF WAY**: Where an easement is required for the extension of the public sewer or a connection thereof, an acceptable easement or right of way shall be procured by the applicant and shall be dedicated to the District. Such easement or right of way shall be legally sufficient in form, and approved by the Engineer[201] prior to the laying and maintenance of such extension or connection. Minimum easement widths are defined in Table 10-H-15.1.

10-E-8 **PERSONS AUTHORIZED**: Public sewer construction within the District shall be performed by authorized contractors, currently licensed by the State of California or by the District forces. All terms and conditions of the District Permit shall be binding on the contractor. The requirements of this section shall also apply to side sewers installed concurrently with public sewer construction.

10-E-9 **SECURITY**: Good and sufficient security of the type specified in Section 66499 of the Government Code for faithful performance, materials, and labor, each in the amount equivalent to the total estimated cost of the work shall be furnished by the applicant to the District, prior to the issuance of any permit for public sewer construction. Such security shall be satisfactory to the District. The security shall be conditioned upon the full performance of all terms and conditions of the permit. It shall guarantee correction of faulty workmanship and replacement of defective materials for a period of one (1) year after date of acceptance of the work by the District.[25]

10-E-10 **LIABILITY**: The applicant shall be solely liable for any defects or failure during performance of the work or any failure which may develop therein. The District, its officers, agents, and employees, shall not be answerable for any liability, death or injury to persons, property damage, due to or arising out of the performance of work by the applicant. The applicant shall answer for and save the District, its officers, agents, and employees, from all liabilities imposed by law, including all costs, expenses, fees, and interest incurred in seeking to enforce this provision.

PART 10 - SECTION F - ENFORCEMENT

10-F-1 **TIME LIMIT - PERMITS**: If the work granted by the permit is not commenced within six (6) months from date of issuance, or is discontinued for a period of ninety (90) days after partial completion, the Permit shall be void. No further work shall be undertaken until a new permit has been secured by proper application and payment of a new fee. The work shall be completed within the calendar days for completion as specified by the new permit.

10-F-2 **VIOLATION**: Any person found to be in violation of any provision of these Rules and Regulations of the District (except Rule 10-G-1), shall be served

with written notice by the Engineer$_{202}$ or other authorized representative. Such written notice shall state the nature of the violation and provide a reasonable time limit for correction thereof. Said time limit shall not be less than two (2) nor more than seven (7) working days. Within the time period stated in the notice all violations shall permanently cease. All persons shall be strictly liable for the acts of their agents and employees performed under the provisions of this or any other ordinance, rule, or regulation of the District. Upon notification by the Engineer$_{202}$ of any defect arising in any sewer, or notification of any violation of this ordinance, corrections shall immediately be effected by the person or persons in charge of said work.

10-F-3 **PUBLIC NUISANCE**: Continued habitation of any building, or continued operation of any industrial facility in violation of the provisions of any ordinance, rule, or regulation is hereby declared a public nuisance. Proceedings may be brought by the District to abate such nuisance during the period of violation.

10-F-4 **DISCONNECTION**: The alternate method of enforcing the provisions of any ordinance, rule, or regulation of the District shall be as follows: The Engineer$_{202}$ shall have the power to disconnect the user or subdivision sewer system from the sewer mains of the District. Upon disconnection, the Engineer$_{202}$ shall estimate the cost of disconnection and reconnection. Such user shall deposit said estimated cost prior to reconnection to the system. The District shall refund any part of the deposit remaining after payment of the aforementioned costs. During the period of disconnection, human habitation of such premises shall constitute a public nuisance whereupon the District shall initiate proceedings for the abatement of such nuisance during the disconnection. Reasonable attorney's fees and costs or suit of any action brought shall be paid the District as a condition precedent to reconnection.

10-F-5 **MEANS OF ENFORCEMENT**: The District declares the foregoing procedures are established as a means of enforcing the provisions of any ordinance, rule, or regulation of the District, and not as a penalty.

10-F-6 **MISDEMEANOR**: In accordance with Section 55334 of the California State Water Code, any violation of a regulation or ordinance of the District is a misdemeanor punishable by fine not to exceed five hundred dollars ($500.00), or imprisonment not to exceed six (6) months or both.

10-F-7 **LIABILITY FOR VIOLATION**: The violation of any provision of these Rules and Regulations, by any person, shall cause him to be liable to the District for any expense, loss, or damage, caused the District by reason of the violation.

10-F-8 **TAMPERING WITH DISTRICT PROPERTY:** No person, other than an authorized District employee, shall at any time install an unauthorized sewer connection to, or tamper with, or otherwise interfere with the sewer system.

In the event a person, firm, or corporation for any reason digs out and damages any part of the sewer system, or causes any such act to be done, such person, firm, or corporation will be held liable for any injury or damage. The District may impose a fine of up to $250.00, plus labor and materials for

repairs and damages to any person, firm, or corporation found to be tampering with District property or engaged in the unauthorized operation of any part of the sewer system. [72]

PART 10 - SECTION G - MISCELLANEOUS PROVISIONS

10-G-1 **PROTECTION FROM DAMAGE**: No unauthorized person shall maliciously, willfully, or negligently, break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which constitutes a part of the District sewerage works. Any person in violation of this provision shall be subject to the penalties provided by law. (See Rule 10-F-2).

10-G-2 **POWER AND AUTHORITY OF INSPECTORS**: The Officers, Inspectors, Engineer [203], or any other duly authorized employee of the District shall wear or carry an official badge of office, or other evidence, which establishes his position as such. Upon the exhibition of proper credentials and identification he shall be permitted to enter into residential, commercial, institutional and industrial facilities for the purposes of inspection, observation, measurement, sampling, testing, or otherwise performing the necessary duties pursuant to the enforcement of the provisions of the Rules and Regulations of this District.

10-G-3 **ORIGINAL CONNECTIONS ON COMMENCEMENT OF OPERATION OF SEWAGE SYSTEM**: Notwithstanding any statement to the contrary herein, the owner of any building situated within the District is required to connect such building to the proper public sewer and shall have sixty (60) days after such date as the Board shall proclaim, that the District is ready to receive sewage into the District sewage system, to connect such building directly with the proper public sewer, costs of such connection to be at the expense of the owner.

Where the cost of providing sewer service to any lot, parcel, or building within the District would cause an undue hardship on the District, the District reserves the right to delay sewer service to said lot, parcel, or building until such time as the District is financially able to provide such service.

10-G-4 **OWNER'S RESPONSIBILITY**: The owner shall be responsible for maintaining the side sewer from the building connection to the public sewer line connection. The District is not responsible for damage caused by line breaks or leaks occurring on the owner's property.

10-G-5 **BUILDING SEWER TOO LOW**: In all buildings in which any building sewer is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building sewer shall be lifted by artificial means, approved by the Engineer, and discharged to the public sewer at the expense of the owner. Where there is possibility of reverse sewage flow due to construction of plumbing in structures in areas such as low lots in hilly areas and where hydraulic relief is not afforded in the upstream manhole and sewage may flow backwards and overflow the plumbing fixtures in a building, the owner shall at his expense provide, maintain, and operate all necessary and approved backflow protection measures and devices.

10-G-6 **DESIGN AND CONSTRUCTION STANDARDS**: Minimum standards for the design and construction of sewers within the District shall be in accordance with the SPECIFICATIONS FOR SEWER CONSTRUCTION as noted on Sewerage Standard Design 50 through 54 inclusive, copies of which are on file in the District office. The Engineer$_{203}$ may permit modifications or may require higher standards where unusual conditions are encountered.

"As-built" drawings showing the actual location of all mains, structures, wyes, laterals, and cleanouts shall be filed with the District before final acceptance of the work.

10-G-7 **SWIMMING POOLS**: It shall be unlawful for any person to discharge the contents of a swimming pool into a sanitary sewer except in the manner specified herein. The size of pipe carrying discharge water shall not be larger than two inches (2") and shall not be under a head to exceed twenty feet (20'). If the water is discharged by pumping, the rate of flow shall not exceed one hundred (100) gallons per minute. Each swimming pool discharging to a sanitary sewer shall be equipped with an approved separator to preclude any possibility of a backflow of sewage into the swimming pool or piping system.

10-G-8 **REIMBURSEMENT FOR OVERSIZING SEWER MAINS**: Whenever it is proposed to install sewer mains in a District by an owner other than the District, for dedication to public use, and the District determines that said dedication is in the best interest of the District, acceptance of said dedication shall be conditioned upon the installation of a sewer main with sufficient capacity to serve present and future service areas. The Board may contract with the owner for reimbursement of costs of oversizing. Reimbursement costs and method of payment shall be determined by the Engineer$_{203}$.

PART 10 - SECTION H - STANDARD CRITERIA FOR THE DESIGN OF SEWER SYSTEMS AND IMPROVEMENTS

RULE

10-H-1 **GENERAL REQUIREMENTS**

10-H-1.1 **SCOPE**: The design and construction of sanitary sewers, sewage treatment plants and other appurtenances in Ventura County Waterworks District No. 16 shall comply with these standard specifications, or permit requirements of various governing bodies, except where specific modifications have been approved by the Engineer in writing. All work shall be in accordance with good engineering practice.

10-H-1.2 These "Standard Criteria for the Design of Sewerage Systems, etc." shall be used with Ventura County Public Works Agency "Sewerage Manual," approved by the Board of Supervisors on July 6, 1965 and the latest revisions thereto. Wherever there are differences between these "Standard Criteria" and the Sewerage Manual, or other County, State or Federal regulations, the most stringent or highest requirements shall govern.

10-H-1.3 **INTERPRETATION**: The Engineer shall decide all questions of interpretation of "good engineering practice" being guided by "Design and Construction of Sanitary and Storm Sewers" (ASCE Manual of Engineering Practice No. 37 or WPCF Manual of Practice No. 8) both prepared by joint committees of the American Society of Civil Engineers and the Water Pollution Control Federation.

10-H-1.4 **PLUMBING CODE**: All work on house laterals and house sewers outside of public rights of way or sewer easements shall be governed by the provisions of the Uniform Plumbing Code as amended by the Ventura County Ordinance in unincorporated areas or the Ordinance of the Governing body in the incorporated areas and other applicable ordinances of the local sewerage agency.

10-H-2 **ENFORCEMENT**: Provisions of these Rules and Regulations shall be enforced by the Engineer[204].

10-H-3 **PLANS, PROFILES, AND SPECIFICATIONS REQUIRED**: The application for a permit for public sewer construction shall be accompanied by two sets of complete plans, profiles, and specifications, complying with all applicable Ordinances, Rules, and Regulations of District, prepared by a Registered Civil Engineer showing all details of the proposed work based on an accurate survey of the ground. At the time of completion of the work, the applicant shall file approved "As-built" reproducible tracings with the District Engineer. The application, together with the plans, profiles, and specifications shall be examined by the Engineer who shall, within ten (10) days, approve them as filed or require them to be modified as he deems necessary for proper installation. Where applicable, the applicant shall secure a road or street encroachment permit. Where the District requires plans, bonds, and an agreement and after examination and approval by the Engineer, the application, plans, profiles, bonds, agreements, and specifications shall be submitted to the Board at its next regular meeting for its considerations. When the Board is satisfied that the proposed work is proper and the plans, profiles, bonds, agreements, and specifications are sufficient and correct, it shall order the issuance of a permit predicated upon the payment of all connection charges and fees and the furnishing of agreement and bonds as required by the District. The owner's engineer shall submit the following items to the District:

1. Tracings of the final map (if applicable).
2. Three copies of the agreement (Form No. WW-16).
3. Three copies of Surety Bond (Labor and Materials - Form No. WW-167).
4. Three copies of Surety Bond (Performance - Form No. WW-168).
5. Three copies of Agreement to Pay for Soils Engineering (Form No. WW-169).
6. Separate deeds of conveyance for easements and/or lands in fee if these are not conveyed on the final map.

7. The number which the County has assigned to the Environmental Impact Report for the development.

The permit shall prescribe such terms and conditions as the District finds necessary in public interest.

10-H-4 **DISTRICT INSPECTOR**: The District may contract with Ventura County, or employ some fit and qualified person or persons to perform the duties of inspecting the installation, connection, maintenance, and use of all side sewers, public sewers, private sewers, and facilities in connection therewith in said District. Said Inspector shall report to and be responsible to the Engineer$_{204}$.

10-H-5 **COMPLIANCE WITH LOCAL REGULATIONS**: Any person or persons constructing a sewer within a public way or easement shall comply with all Federal, State, County, City, or District laws, ordinances, rules, and regulations pertaining to the cutting of pavement, opening, barricading, lighting, and protecting trenches, backfilling and repaving thereof and shall obtain all permits and pay all fees required by the governing body having jurisdiction prior to the issuance of a permit by the District.

10-H-6 **PROTECTION OF EXCAVATION**: The applicant shall maintain such barriers, lights and signs as are necessary to give warning to the public at all times that a sewer is under construction and of each dangerous condition to be encountered as a result thereof. He shall also likewise protect the public in the use of the sidewalk against any such conditions in connection with the construction of the sewer. Streets, sidewalks, parking, and other property disturbed in the course of the work shall be replaced in a manner equal to or better than existing conditions prior to construction.

10-H-7 **GRADE STAKES**: Grade and line stakes shall be set by a Registered Civil Engineer, or by a Licensed Surveyor, prior to the start of work on public sewer construction. The contractor shall be responsible for accurately transferring grades to grade bars and sewer invert.

10-H-8 **DESIGN AND CONSTRUCTION STANDARDS**: Minimum standards for the design of sewers within the District shall be accordance with Section H Standard Criteria for the Design of Sewer Systems and Improvements heretofore or hereafter adopted by District, copies of which are on file in the District office. The Engineer may permit modifications or may require higher standards where unusual conditions are encountered. "As-built" original reproducible tracings showing the actual location by plan and elevation of all mains, structures, wyes, tees, laterals, and cleanouts and appurtenances shall be filed with the District before final acceptance of the work.

10-H-9 **COMPLETION OF SEWER REQUIRED**: Before the acceptance of any sewer line by the District and prior to the admission of any sewage into the system, the sewer line shall have been completed, tested and inspected in full compliance with all requirements of Standard Specifications for Construction of Sewerage Systems and to the satisfaction of the Engineer. If the testing of the sewer line is satisfactory, the Engineer shall issue a Certification of Satisfactory Completion.

10-H-10 **NOTIFICATION**: It shall be the duty of the person doing the work authorized by permit to notify the District in writing that said work is ready for inspection. Such notification shall given not less than twenty-four (24) hours before the work is to be inspected. It shall be the duty of the person doing the work to make sure that the work will stand the tests required by the District before giving the above notification.

10-H-11 **CONDEMNED WORK**: When any work has been inspected and the work condemned, and no Certification of Satisfactory Completion given, written notice to that effect shall be given instructing the owner of the premises, or the agent of such owner, to repair the sewer or other work authorized by the permit in accordance with the Ordinances, Rules, and Regulations of the District.

10-H-12 **CONSTRUCTION PLANS**

10-H-12.1 **SHEET SIZE**: Overall dimensions 20" x 30"

10-H-12.2 **MARGINS**: 2" on left, all others ½"

10-H-12.3 **SCALE**: Preferred Horizontal 1" = 50 feet

Vertical 1" = 5 feet

A permanent type reproducible tracing shall be filed with the District.

10-H-12.4 **APPROVAL**: All drawing sheets shall be provided with title and signature blocks that agree with those currently in use by the Ventura County Public Works Agency. The approval of a representative of the District shall appear on each sheet of sewer construction plans.

10-H-12.5 **TITLE SHEET**: Title sheet, other than subdivision or land divisions to be approved by the Board, shall be the same or similar to that currently in use by the Ventura County Public Works Agency. This sheet shall include a vicinity map showing the job site in relation to one of the major communities of the county and a project location map of a sufficient scale to show the project clearly related to named streets or roads adjacent to the job site.

10-H-12.6 **KEY MAP SHEET**

10-H-12.6.1 This sheet shall contain an overall plan at a scale of 1" = 200 feet (preferred) showing general layout of sewer lines, manhole locations, flow direction arrows, named streets, lot lines, lot numbers, tract boundaries, and a sheet index.

10-H-12.6.2 All bench marks used in the project shall be graphically shown on this sheet and the elevations, descriptions, locations, etc., spelled out as illustrated below:

B. M. No. ___ Elev. ___ F.B. ___ Page

Type of Marker _____

Location _____

All elevations used in preparation of standard plans shall be based on U.S.C. & G.S. mean sea level datum adjusted to 1961.

10-H-12.6.3 Certificate of Adequacy shall be signed by the Developer's Engineer and shall also appear on this sheet.

10-H-12.6.4 The General Notes shall be shown on the Key Map sheet and need not be shown on the other sheets. The General Notes shall include a note requiring compliance with District Construction Standards.

10-H-13 **PLANS AND PROFILE SHEETS**

10-H-13.1 **GRAPHIC SCALE AND NORTH ARROW**: All scales on the plans shall be illustrated graphically so that a true representation is produced when the plans are reduced in size. Every plan drawing shall include a north arrow.

10-H-13.2 **PLAN OF SEWER**: Plan drawings shall show location of sewer mains and other structures in relation to survey lines and stations. Provide all data for horizontal deflections or curves and indicate limits of easements, if any. Minimum easement widths shall be determined from Table 10-H-15.1.

10-H-13.3 **UNDERGROUND PIPES AND UTILITIES**: Show and label on the plans the size and ownership of all existing underground utilities that cross or parallel the sewer. Any pipe line two inches (2") or more in diameter that crosses the sewer and especially water, gas, telephone, power, television, and oil lines, shall be shown and labeled on the profile.

The District is not responsible for the accuracy of the location of these underground lines, and approval of sewer plans by the District does not constitute a representation as to the accuracy the location of, or the existence or non-existence of any underground utility, pipe, or structure within the limits of the project.

10-H-13.4 **STATIONING AND STAKING**: Stationing shall start at the lower end of the sewer and proceed to the upper end of the sewer. Stationing shall be independent of street stationing. Start stationing with 1 plus 00 at the center line of existing sewers when connecting to existing sewers. If an existing District trunk is extended, use the District stationing, taken from their "As-built" profile. If a connection is to be made to an existing sewer by constructing a new manhole, show a tie distance to the nearest existing manhole. Stationing for the new collecting sewer shall begin at the center of the new manhole with station 1 plus 00.

10-H-13.5 **PROFILE OF SEWER**: Show the grade, including vertical curve data, if any, size and strength of pipe and the distances between manholes as other structures. The type of bedding or encasement required to carry loads on the pipe shall also be shown and specified. For each section of sewer the profile shall show alternate acceptable pipe materials that are permissible or whether only one material is acceptable. Show elevations to nearest 0.01 foot of sewer invert.

10-H-14 **SEWER LOCATION IN EASEMENT**: The sanitary sewer shall be located off the center line of the easement to prevent unauthorized property line fences, etc., being built over the manholes.

Where easements follow common lot lines, the full easement width shall be on one lot, in such a manner that access to manholes will not be obstructed by walls, trees, or permanent improvements. Where this requirement cannot be met without interfering with existing buildings, easements may straddle lot lines.

Deeds for easements shall provide for restrictions of permanent construction within easement to provide ingress and egress for maintenance.

Width of easements shall be adequate for the purpose of construction and operation and maintenance of the sewer and shall not be less than the minimum width specified in Table 10-H-15.1.

10-H-15 **DEDICATION OF EASEMENTS**: Easements shall be provided as follows:

a) For subdivision tracts - The owners of land included within the subdivision shall offer to dedicate for public use the sanitary sewer easements so designated on the final map. The form of dedication shall be as follows:

"We also grant to the Ventura County Waterworks District 16 all sanitary sewer easements delineated and designated on the map."

The form accepting the sanitary sewer easements shall be provided on the map as follows:

"The Ventura County Waterworks District 16, hereby accepts for public use all sanitary sewer easements delineated and designated on the map, when said map is approved and recorded."

Ventura County Waterworks District 16

_____ Signature

Chairman of the Board

b) For other than subdivision tracts:

Dedication of sewer rights of way shall occur by means of deeds of conveyance to Waterworks District 16 for all dedications other than those dedications created by subdivision tract maps on a form and as approved by the Engineer.

10-H-15.1 **EASEMENTS**: The minimum width of sanitary sewer easement shall be equal to or greater than the width shown in the following Table:

TABLE 10-H-15.1 MINIMUM EASEMENT WIDTH (IN FEET)

Sewer	Depth (Surface to Sewer Invert - In Feet)				
Size	0-15	15-20	20-25	25-30	30+
6"	12	--	--	--	--
8"	12	15	20	25	--

10"	12	15	20	25	--
12"	15	15	20	25	--
15"	15	20	20	25	30
18"	20	20	20	25	30
21"	20	20	20	25	30
24"	20	20	20	25	30
27"	20	20	25	30	35
30"	20	20	25	30	35
33"	20	20	25	30	35
36"	20	20	25	30	35

Over 36" as approved by the Engineer

10-H-16 **SEWER LOCATION IN ROADS OR STREETS**: The centerline of sewers constructed in City or County roads shall be five feet from the centerline of the road. Exceptions to this location requirement may be made only on approval of the Engineer. On divided highways a separate sewer shall be installed to serve each side of the highway.

10-H-17 **SEWER CAPACITIES AND SIZES**

10-H-17.1 **QUANTITY OF FLOW**: Sewage flows shall be determined from maximum potential population of the tributary area. The criteria on Table 10-H-17.1 shall be used unless otherwise approved by the Engineer.

Peak flow shall be determined by Ratio of Peak to Average Flow chart shown on Plate No. 1. An additional amount for infiltration shall be added when sewer is to be constructed below the ground water level. This amount shall be approved by the Engineer$_{204}$.

10-H-17.2 **HYDRAULICS**: Sewers shall be designed to accommodate future tributary flows, in addition to those from the project.

Pipe capacities shall be determined for peak flow rates by Manning's Formula using an "n" of 0.013. Sewers less than 18" in diameter shall be designed to flow half full at peak flow rates. Sewers 18" and larger shall be designed to flow three-quarters full at peak flow rate.

10-H-17.3 **VELOCITY**: A main line sewer shall be designed to provide a mean velocity of not less than two (2) feet per second for vitrified clay pipe flowing one-half full except that the District may approve a gradient that will develop a velocity of less than two (2) feet per second in unusual circumstances.

10-H-17.4 **MINIMUM STREET SEWER SIZE**: Sewers shall be 8", except that 6" sewers may be used where all of the following conditions are met:

a) The minimum grade shall be at least 0.008 ft/ft.

b) The length does not exceed 200 feet with no possibility of extension.

c) Not more than 10 house laterals contribute to the 6" portion.

10-H-17.5 **OVERSIZING AND EXTRA DEPTH**: Oversizing of certain tract sewers may be required where such sewers can logically serve an upstream tributary area.

10-H-17.6 **WATER-SEWER SEPARATION ORDINANCE**: The provisions of Ventura County Ordinance Code Section 8600 et. seq. shall be met in locating sewers. See Plate No. 2.

10-H-18 **SEWER MINIMUM DESIGN VELOCITIES**

10-H-18.1 **MINIMUM GRADES**: The minimum grades for commonly used pipe sizes shall be as follows:

TABLE 10-H-18.1

Pipe Size	V=2.0 ft/sec Clay Pipe, Grade Foot per Foot	V=2.0 ft/sec P.V.C. Pipe Foot per Foot	V=2.8 ft/sec AC Pipe Unlined, Foot per Foot
6"	.0063	.0063	.0100
8"	.0040	.0040	.0060
10"	.0028	.0028	.0052
12"	.0022	.0022	.0040
15"	.0016	.0016	.0030
18"	.0014	.0014	.0024
21"	.0010	.0010	.0020

The higher velocities listed for Asbestos Cement pipe are required because of chemical action of the sewage gas on the unwetted perimeter of the pipe during periods of low flow.

10-H-18.2 **SUBSTANDARD GRADES**: Grades below the standard minimum may be used in order to avoid pumping only upon specific approval of the Engineer. Such approval should be solicited well in advance of completion of design.

10-H-18.3 **PIPE FOR SUBSTANDARD GRADES**: If grades below the standard minimum must be used in order to avoid pumping, the designer shall advise the Engineer before proceeding with design. Pipe, in substandard grade areas and in all areas downstream from substandard grade areas to the point where the number of equivalent dwelling connections is four times that in the section with substandard grade, shall be vitrified clay pipe (VCP) or other corrosion-resistant pipe approved by the Engineer.

10-H-18.4 **FUTURE EXTENSIONS**: When an area outside the tract can be logically served by future extension of a tract sewer, the tract sewer shall extend to the tract boundary or to the end of a paved street in a manner to facilitate the future extension.

10-H-19 **CURVED SEWER REQUIREMENTS**: Minimum radius = 100 feet for horizontal curve.

10-H-19.1 Minimum invert grade of horizontally curved sewers shall be 0.01 foot per foot except that sewers with a horizontal radius of 200 feet or more will have the same requirements as straight sewers.

10-H-19.2 Vertical curves may be used in combination with horizontal curves where invert grades exceed 0.01 foot per foot throughout the reach between manholes. Reverse curves will not be permitted.

10-H-19.3 Maximum combined horizontal and vertical deflection at any joint shall be as recommended by the manufacturers. Maximum horizontal deflections shall be in accordance with Table 10-H-19.5.

10-H-19.4 The arithmetical sum of all horizontal and vertical deflections in curved sewers between adjacent manholes shall not exceed 60 degrees.

10-H-19.5 JOINT DEFLECTIONS FOR CURVED SEWER LINES

TABLE 10-H-19.5

Pipe Size Inches	Max. Def. at Each Joint	Approx. Max. Def. Per Foot of Pipe	MINIMUM RADIUS OF CURVATURE IN FEET 2 Foot Pipe Length	3 Foot Pipe Length	4 Foot Pipe Length	4 1/3 Foot Pipe Length	4½ Foot Pipe Length	5 Foot Pipe Length	6 Foot Pipe Length	13 Foot Pipe Length
4	2½°	½"	46'	69'	92'	90'	103'	115'	138'	298'
6	"	"	"	"	"	"	"	"		
8	"	"	"	"	"	"	"	"		
10	"	"	"	"	"	"	"	"		
12	"	"	"	"	"	"	"	"		
15	2°	3/8"	57'	86'	115'	124'	129'	143'	172'	373'
18	"	"	"	"	"	"	"	"		
21	"	"	"	"	"	"	"	"		
24	"	"	"	"	"	"	"	"		
27	1½°	¼"	76'	115'	153'	166'	172'	191'	229'	497'
30	"	"	"	"	"	"	"	"		
33	"	"	"	"	"	"	"	"		
36	"	"	"	"	"	"	"	"		
39	"	"	"	"	"	"	"	"		
42	1°	3/16"	115'	172'	229'	248'	258'	286'	344'	745'

10-H-20 DEPTH OF SEWERS

10-H-20.1 **BASIC REQUIREMENTS**: Sewers shall be installed at a depth which shall provide suitable service to the properties connected and will allow subsequent installation of water lines, in accordance with the Water Sewer Separation Ordinance with a minimum of special construction of the water lines other than joint spacing.

10-H-20.2 **STANDARD DEPTHS**: Compliance with Subsection 10-H-20.1 will usually be assured if: the main sewer is located at a depth of 7 feet to top of pipe below the flow line of the existing or proposed gutter, or where no gutter exists, from the elevation of the outermost edge of the traveled way; and the house laterals are located either: (1) six feet to top of pipe below the ground surface at the property line, or (2) at a depth below the ground surface at the property line that will provide for the construction of a straight run of private sewers at

a minimum grade of 0.02 foot per foot from one foot below the surface at any point within the established building setback lines, excluding any areas steeper than five horizontally to one vertically, whichever depth is greater.

10-H-20.3 **EXCEPTIONS**: Designs not in accordance with Subsection 10-H-20.2 shall be submitted to the Engineer for approval together with evidence that it complies with Subsection 10-H-20.1.

10-H-21 **STRUCTURES**

10-H-21.1 **UNDER ROADS**: All structures and pipe placed under public roads shall be of sufficient strength to support with an adequate factor of safety the backfill, road surfacing, and H-20 truck loading with impact.

10-H-21.2 **MANHOLES**

10-H-21.2.1 **SPACING**: Manholes shall be constructed in accordance with District Standards at all abrupt grade changes, at all changes in horizontal alignment, at the point of reverse curve (except on curves), at all changes in pipe size, at the terminal end of all lines exceeding 200 feet in length from the next downstream manhole, and at all junctions of sewers. The maximum distance between manholes shall be approximately 350 feet but not to exceed 400 feet for sewer pipe smaller than 18 inches in diameter, and 600 feet for sewers 18 inches and larger.

10-H-21.2.2 **GRADE DIFFERENCE**: Grades of sewers from centerline of manhole to centerline of the next manhole shall show the flow line elevation of inlet - and outlet elevation if different than inlet flow line elevation at the centerline of the manhole, the size, lateral sewer grade, bedding, type of material and class of pipe and the position of the stub out relative to the alignment of Main Sewer.

10-H-21.2.3 **DROP MANHOLES**: Drop manholes shall be used only when vertical curves cannot be used. Drop manholes shall be provided where the drop in the manhole exceeds one (1) foot. Drop manholes shall be constructed in compliance with Sewerage Standard Design 51.

10-H-21.2.4 **RIM ELEVATIONS OF MANHOLES**: Elevations for tops of all manholes shall be shown on the profile. In paved areas the manhole rim elevation shall match the finished grade. In other than paved areas or traveled way the height of the manhole rim will normally be 18 inches above the finished grade, high water mark, or above the top of future fill areas. The elevations shown for the tops of manholes on the design plans shall not relieve the contractor from making final adjustments to match street surfaces.

10-H-21.2.5 **IDENTIFICATION ON COVERS**: The manhole covers shall have 1½ inch high letters cast in the top designating the owner of the sewer followed by the word "sewer" indicating the use of the manhole. Example: "V.C.W.W.D. 16 SEWER."

10-H-21.3 **CLEANOUTS**

10-H-21.3.1 **REQUIREMENTS**: Dead end sewers not over 200 feet in length shall terminate in standard manholes or cleanouts. Dead ends over 200 feet long shall terminate in standard manholes unless future extension of said dead end

will include a manhole within 400 feet of the uppermost manhole, in which case a temporary cleanout is permitted. Where dead ends are on a slope of 0.01 feet per foot, or greater, the length for use of a cleanout may be extended to 300 feet.

10-H-21.3.2 **LOCATION**: End structures for sewers shall be ten (10) feet up grade from the down grade lot line of the last lot served unless greater length is necessary to serve the property.

10-H-21.3.3 **DESIGN**: Cleanouts shall be constructed in accordance with Sewerage Standard Design 51.

10-H-21.4 **SERVICE LATERALS**

10-H-21.4.1 **REQUIREMENTS**: Wherever it is known or can be reasonably assumed that a building sewer connection is required, a service lateral shall be shown on the plans and installed to the property line as a part of the street sewer construction, prior to paving. Service laterals shall be installed whenever possible during construction of the sewer main using prefabricated fittings.

10-H-21.4.2 **SIZE**: Service laterals shall not be less than 6" inside diameter with the exception that for single dwellings a 4" lateral may be used providing the Uniform Plumbing Code does not require the building sewer to be larger than 4".

10-H-21.4.3 **DESIGN**: Service laterals shall be constructed in general conformity with Sewerage Standard Design 50.

10-H-21.4.4 **BACKFLOW PREVENTION**: It is the designer's responsibility to recognize the possibility of reverse flow in service laterals serving low lots in hilly areas or in buildings with plumbing fixtures below the upstream sewer manhole rim. Where hydraulic relief is not afforded by upstream manholes or cleanouts, he shall provide suitable protective measures which are subject to the approval of the Engineer and the Director of Building and Safety.

10-H-21.5 **FORCE MAINS AND LIFT STATIONS**

10-H-21.5.1 **REQUIREMENTS**: All sewage shall reach the system by gravity flow, in a fresh condition susceptible to conventional sewage treatment processes. Where extreme hardship conditions prevail and a substantial area cannot be sewered by gravity sewers, in accordance with these requirements, a sewage lift station may be installed. No pumping facilities shall be incorporated in sewer plans without prior approval of the Engineer.

10-H-21.5.2 **LIFT STATION DESIGN**: Lift stations, where permitted, shall be of the dry-pit type incorporating the following features:

a) Pumps or other devices shall be provided in duplicate, arranged for positive priming.

b) Capacity shall be provided to handle ultimate peak flow from the tributary area with the largest pump out of service. Stage installation of pumps may be permitted if space is provided for future pump units.

c) Access shall be provided to site for removal and repair of equipment.

d) A means for dewatering force mains shall be provided.

e) An overflow to natural channel or storm drain shall be provided for use in case of power failure or other emergency.

f) Bottom of wet well shall slope to suction lines at least 1.75 vertical to 1.0 horizontal. It is recommended that the width of the flat bottom in the wet well not exceed twice the diameter of the suction pipes.

g) Lift station for newly developed areas shall not be located in road right-of-way but shall be located on a separate parcel of land and shall include fence, gates, landscaping, etc. Lift station located in road right-of-way will only be considered when it can be demonstrated to the governing body of the road right-of-way and the Engineer that no other site out of the road right-of-way is possible.

h) Lift station shall have suitable forced air ventilation system, humidity control equipment, sump pump and alarm system.

i) Pump and fittings shall be designed to permit the passage of a three (3) inch diameter sphere through the pump.

j) Standby power with automatic pump drive transfer shall be provided, except on approval of the Engineer. Consideration should be given to using natural gas engines.

10-H-21.5.2 **FORCE MAINS**: Force mains shall be laid on a continuous positive grade and to grades designed to eliminate air pockets in the line wherever possible.

10-H-21.6 **CONSTRUCTION OF SPECIAL STRUCTURES**: Design criteria for special facilities (i.e., junction boxes, etc.) that are not covered in previous Sections are to be prepared individually for each specific job, and shall be approved by the Engineer.

10-H-21.7 **SEWAGE TREATMENT PLANT AND DISPOSAL SYSTEM**: Design of these facilities shall be in accordance with criteria approved by the Engineer, and plans, specifications, and construction shall be approved by the Engineer.

10-H-22 **AS-BUILT PLANS**

10-H-22.1 **PLANS**: The actual location and grade of all sewers shall be accurately determined after construction and shall be recorded on "As-Built" plans. Accurate locations and elevations of all service laterals, manholes, cleanouts, lift stations, and other sewer appurtenants shall also be marked on the "As-Built" plans.

10-H-22.2 **CERTIFICATION**: A set of "As-Built" plans, which have been certified as being correct, signed and dated by a Registered Civil Engineer, shall be submitted to and approved by the District prior to exoneration of the Performance Bond.

10-H-22.3 **FILING**: A permanent-type of reproducible set of the "As-Built" plans shall be approved and filed with the Engineer.

PART 11 - STANDARD DESIGNS AND PLAN NOTES FOR THE CONSTRUCTION OF SEWER SYSTEM IMPROVEMENTS [77]

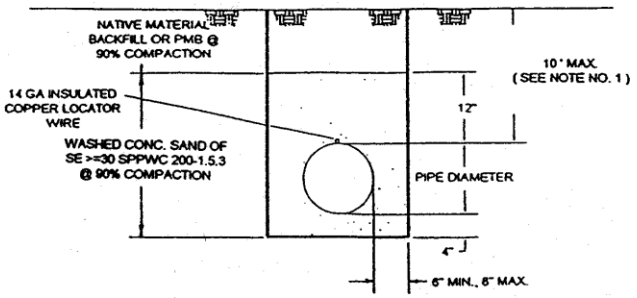
Section 461 of the County of Ventura Standard Land Development Specifications is hereby adopted and incorporated as Part 11 by reference.

The attached Sewer Construction Standards are also hereby adopted and incorporated as Part 11 by reference. Plate Nos. 200-1, 201-0, 202-0, 204-0, 205-0, 206-0, 208-0, 220-1 and 221-0 of the Standard Plans for Public Works Construction are hereby adopted and incorporated as Part 11 by this reference. Manhole frame and covers for Plate Nos. 200-1 and 201-0 shall be per approved material list.

VENTURA COUNTY WATERWORKS DISTRICT NO. 1 & 16
SEWER CONSTRUCTION STANDARDS

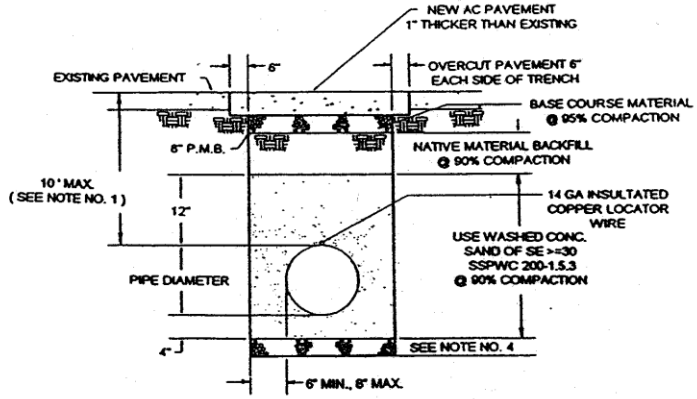
TABLE OF STANDARD PLATES

DESCRIPTION	PLATE NO.
Trench Details	30
Pipe Bedding Details	31
Pipe Cradles and Encasement	32
Service Lateral	33
Sewer Stub Nipple Adapter	34
Deep Manhole	35
Sample Well	36
Current Material List	49



TYPICAL BACKFILL FOR UNPAVED AREAS

NOT TO SCALE



TYPICAL BACKFILL FOR PAVED AREAS

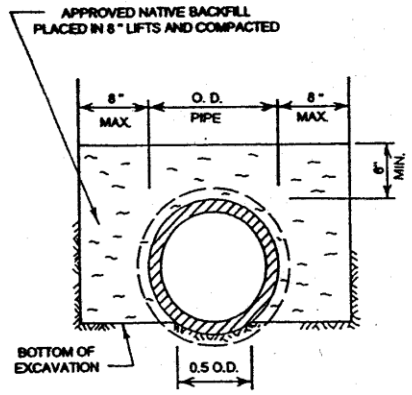
NOT TO SCALE

NOTES:

1. IF DEPTH EXCEEDS 10', SAND BEDDING SHALL BE SUBSTITUTED WITH 3/8" ROCK.
2. EXCAVATED TRENCHES SHALL BE OF MINIMUM WIDTH FOR PROPER PIPE LAYING.
3. BEDDING SHALL EXTEND 4" MINIMUM BELOW PIPE, IF TRENCH BOTTOM MATERIAL DOES NOT MEET S.E. 30.
4. FOUNDATION SHALL BE REQUIRED IF NATIVE MATERIAL IS SOFT, SPONGY OR UNSTABLE. FOUNDATION MATERIALS SHALL BE THE SAME AS BEDDING AND COMPACTED TO 95% RELATIVE DENSITY.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	SEWER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	TRENCH DETAILS	PLATE NO. 30
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

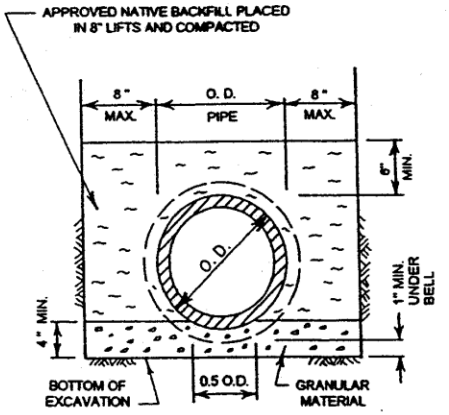
B:\PLATES\PLATE30.DOC
7/18/08



NOTES:

1. HAND SHAPED FROM UNDISTURBED SOIL, PERMITTED WHEN EXISTING SOIL IS GRANULAR.
2. BALANCE OF BACKFILL PER CITY OR VENTURA COUNTY STANDARD LAND DEVELOPMENT SPECIFICATIONS (TYPICAL ALL BEDDING TYPES)

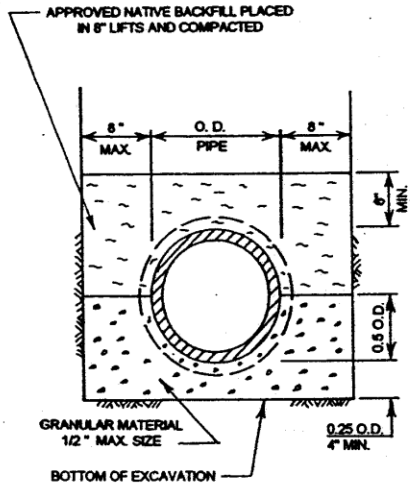
NORMAL BEDDING - L. F. 1.5



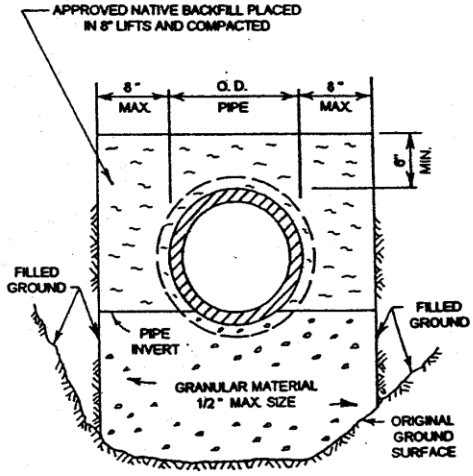
NOTES:

1. HAND SHAPED FROM GRANULAR MATERIAL, 1/2" MAX. SIZE.

BEDDING - L. F. 1.5



BEDDING - L. F. 1.9



NOTES:

1. WHERE NATURAL GROUND IS AT AN EXCESSIVE DEPTH BELOW PIPE INVERT, CONSTRUCTION SHALL COMPLY WITH SPECIAL NOTE ON PLANS.

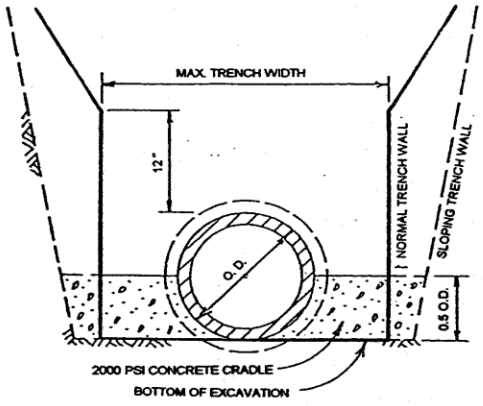
BEDDING FOR FILLED GROUND
(LESS THAN 90% COMPACTION)

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16

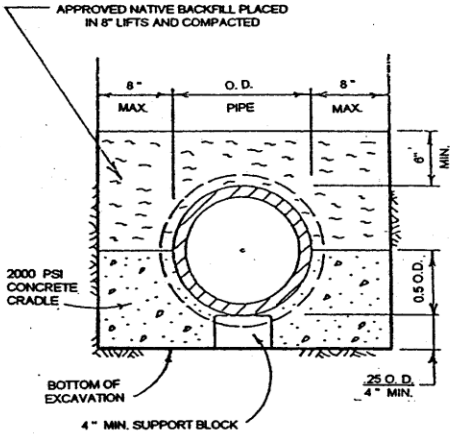
ADOPTED BY BOARD OF SUPERVISORS: SEP 1 0 1996	SEWER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	PIPE BEDDING DETAILS	PLATE NO. 31
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE31.DOC

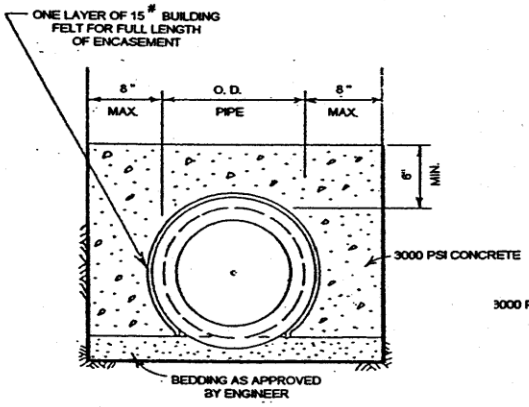
NOTE: BALANCE OF BACKFILL PER CITY OR VENTURA COUNTY STANDARD LAND DEVELOPMENT SPECS. (TYPICAL ALL CRADLE AND ENCASEMENT TYPES)



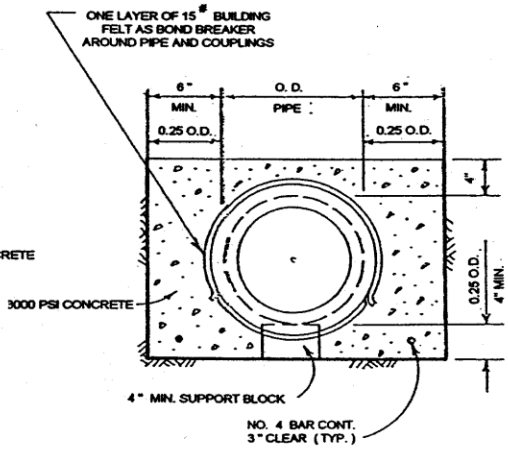
CRADLE FOR EXCESSIVE TRENCH BOTTOM WIDTH - L. F. 2.3



CONCRETE CRADLE - L. F. 3.0



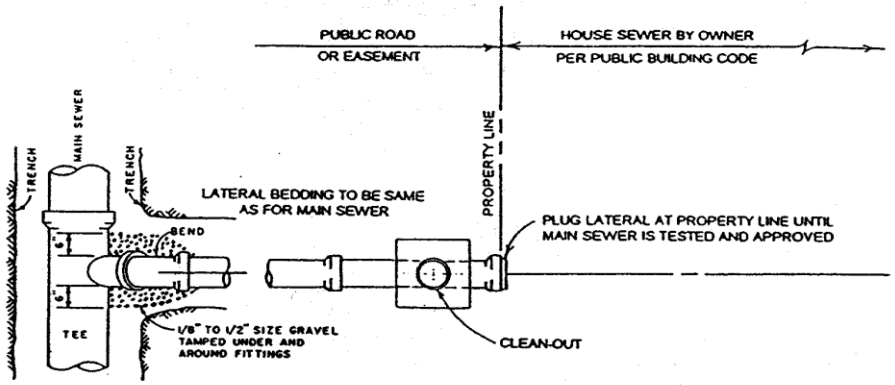
CONCRETE JACKET - L. F. 3.2



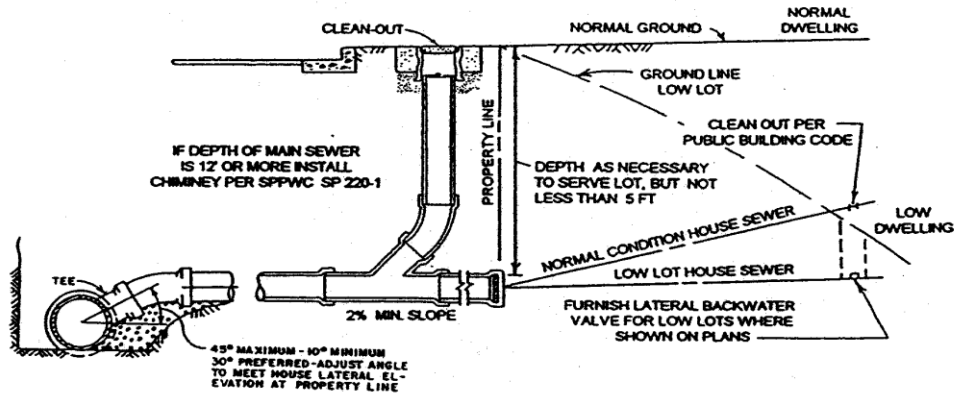
CONCRETE ENCASEMENT - L. F. 4.5

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996 APPROVED BY: DIR. PUB. WKS. RECOMMENDED BY: DPTY. DIR. PUB. WKS.	SEWER CONSTRUCTION STANDARDS	
	PIPE CRADLES AND ENCASEMENT	PLATE NO. 32

B:\PLATES\PLATE32.DOC
7/18/96



PLAN



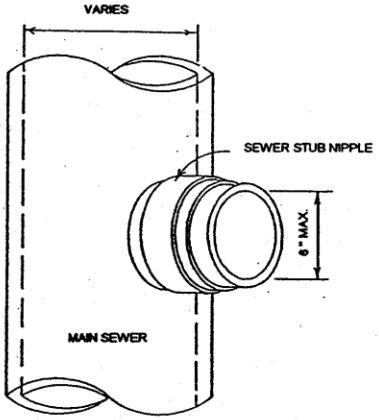
ELEVATION

NOTES:

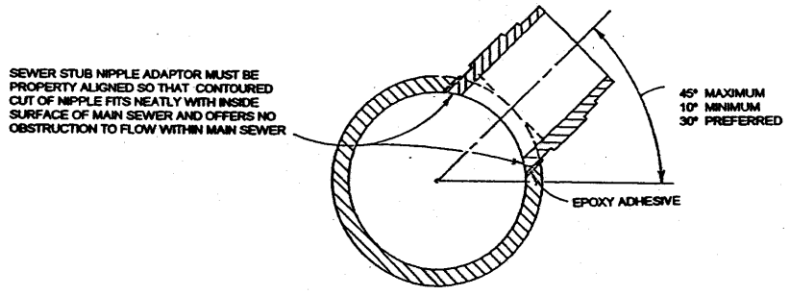
1. TO CONNECT SIX INCH AND SMALLER SEWER LATERALS TO AN EXISTING SEWER, INSTALL TEE SADDLE IN MAIN SEWER WITH DISTRICT'S APPROVAL.
2. LOCATE LATERAL IN ACCORDANCE WITH DEPARTMENT OF HEALTH WATER/SEWER SEPARATION REQUIREMENTS.
3. LATERAL SEWERS LARGER THAN SIX INCHES SHALL BE CONNECTED WITH A MANHOLE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	SEWER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	SERVICE LATERAL	PLATE NO. 33
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE33.DOC
7/18/96



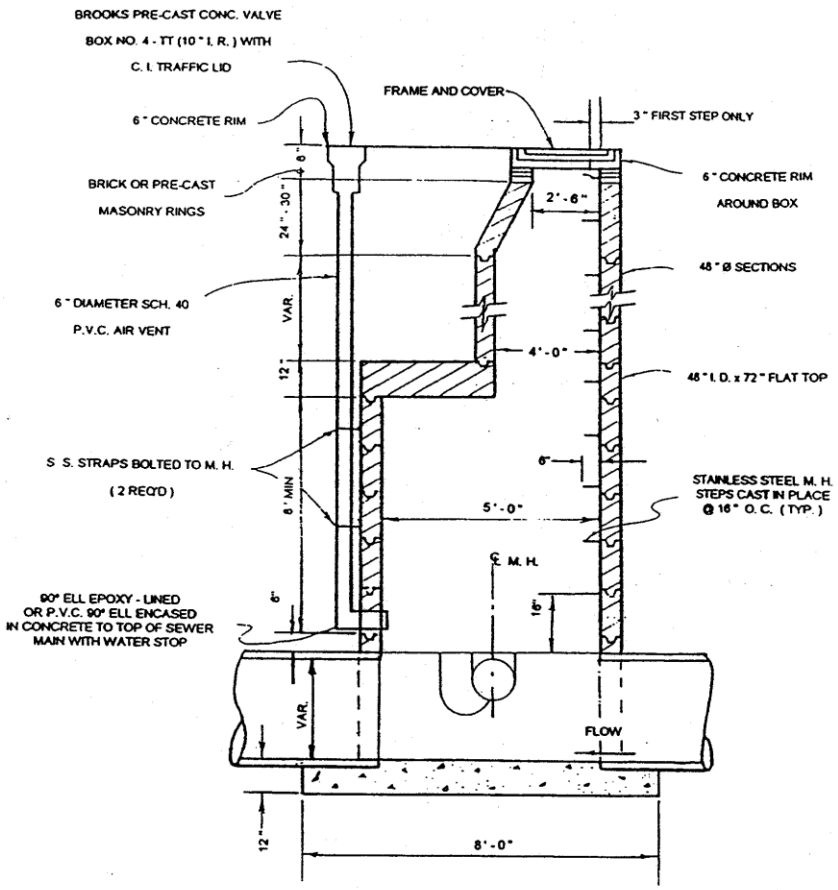
PLAN



SECTION

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	SEWER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS. RECOMMENDED BY: DPTY. DIR. PUB. WKS.	SEWER STUB NIPPLE ADAPTOR	PLATE NO. 34

B:\PLATES\PLATE34.DOC
7/18/96



5' DIAMETER MANHOLE

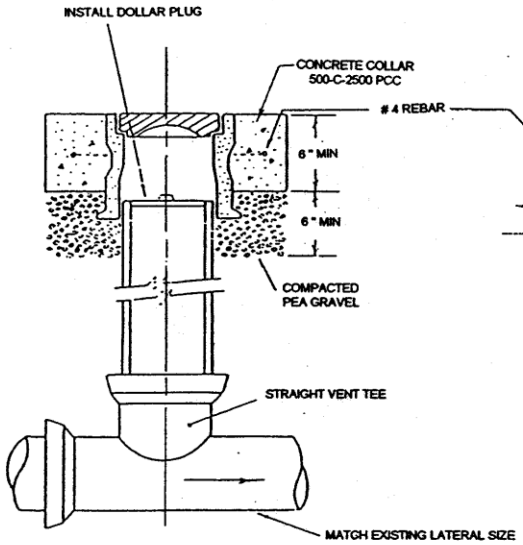
NOT TO SCALE

NOTES:

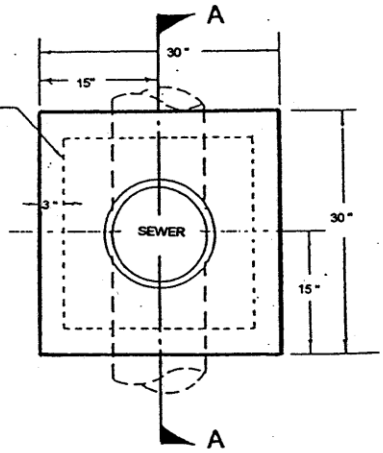
1. MANHOLE FOR 18' OR DEEPER.
2. MANHOLE FIRST STEP SHALL BE INSTALLED IN 6" GRADE RING.
3. CURRENT MATERIAL LIST IS AVAILABLE AT THE DISTRICT OFFICE.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	SEWER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	DEEP MANHOLE	PLATE NO. 35
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE35.DOC



SECTION A - A



PLAN

NOTES:

1. SAMPLING WELL SHALL BE INSTALLED 18" TO CENTERLINE BEHIND CURB OR SIDEWALK, WHENEVER POSSIBLE. WHEN THIS IS NOT POSSIBLE SAMPLING WELL SHALL BE LOCATED AT THE DISTRICT ENGINEER'S DISCRETION.
2. SAMPLING WELL BOX SHALL BE BROOKS 3RT WITH CAST IRON COVER OR ALHAMBRA 1-1240.. LID SHALL BE MARKED "SEWER".
3. STRAIGHT VENT TEE AND RISER SHALL BE VITRIFIED CLAY. DO NOT USE A WYE IN PLACE OF VENT TEE. TEE AND RISER SHALL BE THE SAME SIZE AS THE LATERAL RISER. RISER SHALL BE VERTICALLY PLUMB.
4. SAMPLING WELL INSTALLATIONS AND EXISTING LATERALS MUST BE APPROVED AS TO MATERIAL AND METHOD PRIOR TO INSTALLATION.
5. CONCRETE COLLAR SHALL BE PLACED BELOW PAVEMENT ON PAVED AREAS.

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16		
ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996	SEWER CONSTRUCTION STANDARDS	
APPROVED BY: DIR. PUB. WKS.	SAMPLING WELL	PLATE NO. 36
RECOMMENDED BY: DPTY. DIR. PUB. WKS.		

B:\PLATES\PLATE36.DOC
8/13/96

ITEM	MANUFACTURER	MODEL	TYPE
Cleanout	Alhambra; Neenah		
Manhole Frame/Cover	Alhambra; Neenah	A-1254, A-1252	24", 30" Traffic

VENTURA COUNTY WATERWORKS DISTRICT NOS. 1 & 16

ADOPTED BY BOARD OF SUPERVISORS: SEP 10 1996

APPROVED BY: _____ DIR. PUB. WKS.

RECOMMENDED BY: _____ DPTY. DIR. PUB. WKS.

SEWER CONSTRUCTION STANDARDS

CURRENT MATERIAL LIST

PLATE NC 49

PART 12 - RULES AND REGULATIONS FOR SEWAGE DISPOSAL [120]

SECTION A - RULES FOR DEFINITIONS OF TERMS

RULE

12-A-1 **Definitions:** Unless the context specifically indicates otherwise, the following terms and phrases, as used in these rules and regulations, shall have the meanings hereinafter designated:

Act or "The Act": The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C. 1251 et. seq.

Approval Authority: California State Water Resources Control Board or California Regional Water Quality Control Board.

Authorized Representative of Industrial User: A responsible corporate officer or a duly authorized representative of that person in control of the property or premises from which the sewage discharge originates.

Biochemical Oxygen Demand: The quantity of oxygen, expressed in milligrams per liter, utilized in the biochemical oxidation of organic matter as determined by the appropriate procedures set forth in "Standard Methods."

Building Sewer: A sewer conveying wastewater from the premises of a User to the public sewer.

CFR: Code of Federal Regulations.

Cesspool: A lined excavation in the ground**,** which receives wastewater and so constructed that the solid matter is retained and the liquid portion is permitted to seep away.

Chemical Oxygen Demand: The measurement of wastewater strength in terms of the total quantity of oxygen required for oxidation of organic matter as determined by the appropriate procedure set forth in "Standard Methods."

Chlorine Demand: The difference between the amount of chlorine added to sample of wastewater and the amount remaining at the end of a 30**-** minute period, as determined by the appropriate procedures set forth in "Standard Methods."

Collector Sewer: A public sewer, usually eight inches or larger in diameter, used to collect wastewater from house connection sewers and industrial connection sewers to transport it to trunk sewers.

Cooling Water: The water discharged from any use such as air conditioning, cooling or refrigeration, or to which the only pollutant added is heat.

Compatible Pollutant: Biochemical Oxygen Demand, organic carbon, suspended solids, ammonia-nitrogen, and total coliform bacteria, plus additional pollutants identified in the District's National Pollution Discharge Elimination System (NPDES) Permit if the District's Wastewater Treatment Plant was designed to treat such pollutants and if such pollutants do not interfere with the operations of the wastewater treatment plant and if in fact the wastewater treatment plant does remove such pollutants to a substantial degree.

Compliance Schedule: The time period allowed by the District in which an industry shall comply with permit conditions, or prohibitions, limitations, and/or requirements of these rules and regulations or any other order issued by the District.

Connection: That part of any sewer extending from a sewer main in a public easement or right of way to private property for exclusive use of the property.

Contaminated Water: Any water impaired in quality by waste to the degree which creates a hazard to the public health through poisoning or through spread of disease; "contamination" includes any equivalent effect resulting from the disposal of industrial waste.

Customer: A person who is, or who has agreed to be, responsible for the payment of sewer service charges as defined or levied by the District.

Director: The enforcing authority of the Ventura County Waterworks District No. 1 or 16 (District) or his designee.

District: Ventura County Waterworks District No. 1 or 16 of Ventura County, California.

District Board of Directors: The District's Board of Directors is the County of Ventura Board of Supervisors. This Board has enforcement capabilities as the governing board of the District.

Domestic Wastewater: The liquid and water borne waste derived from the ordinary living processes, free from industrial waste, and susceptible to satisfactory disposal without special treatment into the public sewer or by means of a private wastewater disposal system. The District has on file the parameters and concentration of constituents that, for the purpose of these rules and regulations, define domestic wastewater.

Effluent: The liquid outflow and/or discharge to the District's sewerage system from any treatment plant or facility designated to treat, convey, or store wastewater.

Enforcing Authority: The Director of the Ventura County Waterworks District No. 1 or 16 (District) or his designee.

Fee: Any charge assessed to a user for the use, or continued use, of any portion of the District's sewerage system. "Fee" includes but is not limited to a charge(s) for: connection or tap for new customers; monthly sewer service; industrial wastewater discharge permit; excess capacity connection; industrial wastewater treatment; excessive industrial wastewater treatment capacity; laboratory testing; waste hauler's permit; oversize sewer and non-compliance penalty.

Floatable Oil and Grease: The oil and grease floating on the surface of a sample of water as determined by the appropriate procedures set forth in "Standard Methods."

Formula Users: Those Users who are regulated under the Industrial Wastewater Discharge Permit system and billed according to a formula based on the measured or set strength and volume of their wastewater discharged.

Garbage: The putrescible animal and vegetable wastes resulting from the handling, preparation and consumption of foods.

Grab Sample: A sample**,** which is taken from a wastestream on a one-time basis with no regard to the flow in the waste stream and without consideration of time.

Gravity Separation Device: A device designed, constructed, and operated for the purpose of retaining sand, silt, grit, mineral material, and oil and grease by gravity-differential separation from wastewater.

Grease: The definition is set forth in "Standard Methods," and includes waxes, fats, oils and other non-volatile materials tested as determined by appropriate procedures set forth in "Standard Methods."

Grease Interceptor (Interceptor): A device of at least 750**-**gallon capacity designed, constructed, and operated to separate and retain grease while permitting the wastewater to be discharged into the District's sewerage system.

Ground Garbage: The residue from the preparation, cooking and dispensing of food that has been shredded to such a degree that all particles will be carried freely in suspension under the flow conditions normally prevailing in public sewers with no particle greater than one-half inch in any dimension.

Industrial Connection Sewer: The sewer connecting a building sewer or building wastewater drainage system to a District sewer for the purpose of conveying industrial wastewater.

Industrial User: Any producing, manufacturing, processing, institutional, commercial, agricultural or similar person (as defined herein) that discharges, directly or indirectly, wastewater into the District's sewerage system of which the solid, liquid or gaseous waste discharge has pollutants different than or stronger than or with constituents other than those defined for domestic wastewater or any categorical industrial user as defined in 40 CFR Chapter I, Subchapter N, Parts 401-471.

Industrial Waste: Any solid, liquid, gaseous or radioactive substance that is discharged, flowing, or permitted to escape from any producing, manufacturing, processing, institutional, commercial, agricultural or similar operation from the development, recovery, or processing of any material resource which will enter into the District's sewerage system.

Industrial Wastewater: The liquid and wate-carried industrial waste, whether treated or untreated, which is permitted to enter the District's sewerage system.

Industrial Wastewater Discharge Permit: A conditionally written authorization to allow an Industrial User to utilize the District's sewerage system for the discharge of industrial wastewater.

Inspector: The person authorized by the District to inspect any raw material, waste or wastewater generation, conveyance, processing, storage, and/or disposal facilities within the District's jurisdiction.

Interceptor Main: A sewer main which is ten inches or greater in size and is intended to collect wastewater from a large area.

Interceptor Sewer: A closed conduit whose primary purpose is to transport rather than collect wastewater and which performs one or more of the following functions as its primary purpose:

1. Intercepts wastewater from a final point in a collection system and conveys the wastewater directly to the wastewater treatment plant;
2. Serves in place of a potential treatment plant and transports the collected wastewater to an adjoining collection system or interceptor and thence to treatment;
3. Transports the wastewater from one or more municipal collection systems to another municipality or to the wastewater treatment plant for treatment; or
4. Intercepts an existing major discharge of raw or inadequately treated wastewater for transport directly to another interceptor or to the wastewater treatment plant.

Interference: The discharge by an Industrial User which, alone or in conjunction with discharges by other sources, inhibits or disrupts the District's wastewater treatment plant, its treatment processes or operations, water reclamation, or its sludge processes, use or disposal, and which is a cause of a violation of any requirement of the District's NPDES permit (including an increase in the magnitude or duration of a violation) or of the prevention of sludge use or disposal by the District's wastewater treatment plant in accordance with the following statutory provisions and regulations or permits issued thereunder (or more stringent State or local regulations): Title 22, Section 405 of the Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA), and including State regulations contained in the State's sludge management plan prepared pursuant to Subtitle D or the SWDA), the Clean Air Act, the Toxic Substance Control Act, and the Marine Protection Research and Sanctuaries Act.

Mass Emission Rate: Mass emission rate shall mean the weight of material discharged to the District's sewerage system during a given time interval. Unless otherwise specified, the mass emission rate shall mean pounds per day of a particular constituent or combination of constituents.

National Categorical Pretreatment Standard: Any regulation containing pollutant discharge limits applying to a specific category of industrial users which is promulgated by the EPA in accordance with 40 CFR, Chapter I, Subchapter N, Parts 401-471, and specifically, the accordance with Sections 307(b) and (c) of the Act (33 U.S.C. 1317).

National Pollution Discharge Elimination System or NPDES Permit: A permit issued pursuant to Section 402 of the Act (33 U.S.C. 1342).

National Prohibitive Discharge Standard or Prohibitive Discharge Standard: Any regulation developed under the authority of 307(b) of the Act and 40 CFR, Section 403.5.

New Source: Any building, structure, facility or installation from which there is a discharge of pollutants, the construction of which is commenced after the publication of proposed Pretreatment Standards under Section 307(c) of the Act and as further defined in 40 CFR 403.3(1).

Non-Compatible Pollutant: Any pollutant, which is not a compatible pollutant.

Nuisance: Anything**,** which is injurious to health or is indecent or offensive to the senses, or an obstruction to the free use of property so as to interfere with the comfortable enjoyment of life or property.

Pass Through: The discharge of pollutants through the District's wastewater treatment plant into navigable waters in quantities or concentration which, alone or in conjunction with discharges from other sources, is a cause of a violation of any requirement of the District's NPDES permit (including an increase in the magnitude or duration of a violation).

Peak Flow Rate: The maximum discharge rate over a 30 minute period between the hours of 7:00 a.m. and 10:00 p.m. and determined by averaging a maximum of ten substantiated peak flow rate measurements of the accrual period in gallons per minute; in the absence of actual peak flow rate data, peak flow rate may be computed in the manner set forth by the District.

Person: Any individual, partnership, co-partnership, firm, company, corporation, association, joint stock company, trust, estate, governmental entity, or any other legal representatives, agents, or assigns. The masculine gender shall include the feminine, the singular shall include the plural where indicated by the context.

pH: The logarithm (base 10) of the reciprocal of the hydrogen-ion concentration expressed in moles per liter as determined by the appropriate procedures set forth in "Standard Methods."

Pollutant: Any dredged soil, solid waste, incinerator residue, garbage, sludge, munitions, chemical wastes, biological materials, radioactive materials, heat, wrecked or discharged equipment, rock, sand, cellar dirt, and industrial, municipal and agricultural waste discharged into water.

Polluted Water: Any water altered in quality by waste to a degree**,** which unreasonably affects:(1) the water for beneficial use; or (2) the facilities**,** which serve the beneficial use.

Pollution: The man-made or man-induced alteration of the chemical, physical, biological, and radiological integrity of water. The term "pollution" may include "contamination."

Pretreatment: The reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing such pollutants into the District's wastewater treatment plant. The reduction or alteration can be obtained by physical, chemical, or biological processes, or by process changes, except as prohibited by 40 CFR 403.6(d).

Pretreatment Facility: Any works or device for the treatment or flow limitation of sewage, liquid waste, or industrial waste prior to discharge into a public sewer.

Pretreatment Requirements: Any substantive or procedural requirement related to pretreatment, other than a National Pretreatment Standard, imposed on an industrial discharger.

Pretreatment Standard: Any regulation containing pollutant discharge limits promulgated by the EPA in accordance with Section 307(b) and (c) et. seq. of the Act which applies to industrial users. These include "categorical standards" which establish specific concentration limits for certain pollutants and total prohibitions of other pollutants as specified in 40 CFR 403 et. seq.

Private Sewer: A sewer, other than a connection, laid by a private party to serve one or more buildings which are not immediately adjacent to a public sewer, so as to connect a building to a public sewer and irrespective of whether the sewer is constructed on public or private property.

Public Sewer: Any sewer dedicated to public use and which is controlled by a public authority.

Radioactive Material: Material containing chemical elements that spontaneously change their atomic structure by emitting any particles, rays, or energy forms in excess of normal background radiation.

Regional Users: Those users of the District's sewerage system having a written agreement with the District, other than an industrial wastewater discharge permit, whereby the District guarantees treatment and disposal of their wastewater at an agreed upon price.

Sampling Well: An approved opening to a building sewer for the purpose of inspection, sampling, and/or flow measurement.

Sanitary Sewer: A conduit that conveys wastewater or industrial wastes, or a combination of both, and into which storm waters, surface and groundwaters, and unpolluted waters are not normally admitted.

Seepage Pit: A lined excavation in the ground which receives the discharge of a septic tank and designed to permit the effluent from the septic tank to seep through its bottom and side.

Septic Tank: A watertight receptacle which receives the domestic wastewater discharge of a building and is designed and constructed to separate solids from the liquid, digest organic matter through a period of detention, and allow the liquid to discharge into the soil outside of the tank through a system of open joint or perforated piping or a seepage pit.

Settleable Solids: Any solids that will settle out of a liquid in a specified interval of time as determined by appropriate procedures set forth in "Standard Methods."

Sewage: The wastewater of the community derived from domestic, agricultural, commercial, institutional, or industrial sources, together with such surface water, groundwater, and storm water as may be present.

Sewerage System: All the facilities used for collection, pumping, transportation, treatment, and final disposal of wastewater. For the purposes of these rules and regulations, this shall also include any sewers that convey wastewater from persons outside the District who are, by contract or agreement with the District, users of the District's sewerage system.

Sewer: A pipe or conduit together with appurtenances for carrying wastewater.

Sewer Main: The same as "interceptor main."

Significant Change: Plus or minus 20 percent in a user's typical discharge pattern: flow rate, peak flow rate, constituents, concentration of constituents, or characteristics.

Significant Industrial Wastewater User: All industrial users subject to catagorical pretreatment standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N, Parts 401-471; and any industrial user of the District's sewerage system that: (1) has a discharge flow of 10,000 gallons or more per average work day; (2) has in its wastewater toxic pollutants as defined pursuant to Section 307 of the Act or State statutes and rules; (3) contributes a process wastestream which makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or (4) is found by the District or the U.S. EPA to have significant impact, either singly or in combination with other contributing industries, on the sewerage system, the quality of sludge, quality of reclaimed water, the system's effluent quality, or air emissions generated by the system with the potential to adversely affect the treatment plant's operation or to violate any pretreatment standard or requirement.

Standard Industrial Classification (SIC): A classification pursuant to the Standard Industrial Classification Manual (latest edition) issued by the Executive Office of the President, Office of Management and Budget.

Standard Methods: The current edition of "Standard Methods for the Examination of Water and Wastewater" published by the American Public Health Association. All tests shall be conducted in accordance with these procedures except where the District approves other procedures necessary for unusual wastes.

State: State of California.

Storm Water: Any flow occurring during or following any form of natural precipitation and resulting there from.

Suspended Solids: The solid matter suspended in wastewater as determined by appropriate procedures set forth in "Standard Methods."

Total Dissolved Solids (TDS): The solid matter in solution in wastewater, as determined by evaporation of a wastewater sample from which all suspended matter has been removed by filtration as determined by the appropriate procedures set forth in "Standard Methods."

Total Toxic Organics (TTO): TTO is the summation of all quantifiable values greater than 0.01 milligrams per liter (mg/L) for those toxic organics listed in Section 12-C-3 and 40 CFR 413.02 (i).

Toxic Pollutant: Any pollutant or combination of pollutants listed as toxic in regulations promulgated by the Administrator of the EPA under the provision of Section 307(a) of the Act or other Acts or designated toxic by either the State or District.

Trunk Sewer: A sewer constructed, maintained, and operated by the District that conveys wastewater to District's wastewater treatment plant and into which the interceptor, lateral, and collecting sewers discharge.

Uncontaminated Water: Any wastewater not contaminated or polluted with sewage and which is suitable for discharge into the storm water drainage system, excluding unlined natural watercourses.

United States Environmental Protection Agency (EPA): The EPA, or where appropriate, the term may also be used as a designation for the administrator or other duly authorized official of said agency.

User: Any person, facility, business, or entity who contributes, causes, or permits the contribution of industrial and/or domestic wastewater discharge to the District's sewerage system.

Waste: All materials, liquid, solid, gaseous, or radioactive, associated with human habitation, or of human or animal origin, or from or related to any producing, manufacturing, or processing operation of whatever nature, including such materials placed within containers of whatever nature prior to, and for purposes of, disposal.

Wastewater: The liquid and water-carried waste, whether treated or untreated, which is permitted to enter the District's sewerage system.

Wastewater Treatment Plant: An assemblage of devices, structures, and equipment for treatment of wastewater.

If the application of any definition to a specific situation is without utility or creates ambiguity, reference may be made to the definitions of Uniform

Plumbing Code to resolve the issue created.

Abbreviations

* **BOD_5**	Biochemical Oxygen Demand, 5 Day
* **CFR**	Code of Federal Regulations
* **COD**	Chemical Oxygen Demand
* **EPA**	Environmental Protection Agency
* **L**	Liter
* **mg**	Milligrams
* **mg/L**	Milligrams per Liter
* **Lb/d**	Pounds per Day
* **KLb**	Thousand of Pounds
* **KLb/d**	Thousands of Pounds per Day
* **SS**	Suspended Solids
* **O & G**	Oil and Grease

12-A-2 **PURPOSE OF RULES AND REGULATIONS**

It is the purpose of these rules and regulations to guide the District administration of its sewerage system and to control and regulate wastewater discharges into the system. This chapter enables the District to comply with all applicable Federal and State laws required by the Act and the Pretreatment Regulations contained in 40 CFR 403 et. seq.

SECTION B - ADMINISTRATION OF SYSTEM

RULE

12-B-1 **ADMINISTRATION AND ENFORCEMENT**

The Director shall administer, implement, and enforce the provisions of these rules and regulations. Any ministerial powers granted to or duties imposed upon the Director may be delegated.

12-B-2 **ADMINISTRATIVE REGULATIONS**

The Director is authorized to promulgate regulations and standards reasonably necessary to protect the District's sewerage system, to comply with all applicable Federal and State laws required by the Act and the Pretreatment Regulations contained in 40 CFR 403 et. seq., to control and regulate the proper use thereof, to prevent overflow, and to provide for the issuance, suspension, or revocation of industrial wastewater discharge permits, provided, however, the regulations shall be consistent with the provisions of these rules and regulations and formulated to result in the uniform control of the total sewerage system within the District. The Director is authorized to promulgate, as he deems necessary, reasonable regulations relating to the rate of flow and the quality and quantity of wastewater discharges to the sewerage system of the District, which shall be consistent with and implement the purposes of these rules and regulations.

12-B-3 **INSPECTION AND SAMPLING**

12-B-3a The Director, through a program of inspection and sampling will ensure compliance with the provisions of these rules and regulations, the user's industrial wastewater discharge permit, and all applicable Federal and State laws and regulations. The program shall include, but is not limited to, the review of self-monitoring reports, inspections, sampling, flow verification, and the retention of all necessary records.

12-B-3b The Director through his staff or designee shall inspect the facilities of any person to ascertain whether the purpose of these rules and regulations is being met and all prohibitions, limitations and requirements are being complied with. Upon presentation of proper identification, persons or occupants of premises where waste or wastewater is created or discharged will allow inspectors ready access, at all reasonable times, to all parts of the premises for the purposes of inspection, sampling, records examination, evidence gathering, or in the performance of any of their other duties. In addition, the District's staff or designee may enter the property at any hour under emergency circumstances involving the District's sewerage system. The District, Approval Authority, and the EPA shall have the right to set up on the user's property such devices as are necessary to conduct sampling inspection, compliance monitoring, and/or metering operations.

12-B-3c During the inspection and compliance-monitoring activities, the inspector shall observe all reasonable security, safety, and sanitation measures. In addition, the inspector shall observe reasonable precautionary measures specified by the user.

12-B-3d Where a user has security measures in force which would require proper identification and clearance before entry into their premises, the user shall make necessary arrangements with their security guards so that upon presentation of suitable identification, personnel from the District, Approval Authority, or EPA will be permitted to enter, without delay, for the purposes of performing their specific responsibilities.

12-B-3e No persons shall interfere with, delay, resist, or refuse entrance to an authorized inspector attempting to inspect any raw material, waste or wastewater generation, conveyance, treatment, or storage facility.

12-B-3f A report listing any deficiencies and/or violations found during the inspection shall be prepared by the inspector and shall be kept on file at the District office. A copy of the report shall be provided to user.

12-B-3g If corrections are needed, the user shall provide to the District an approved compliance schedule (see Rule 12-E-5).

12-B-3h When obtaining samples, the inspector shall allow the user to collect replicate samples for separate analysis.

12-B-4 **CONNECTIONS TO MAINS TO BE MAINTAINED BY OWNER:** All connections, including the wye or saddle at the sewer main and lateral, shall be maintained at the expense of the property owner.

12-B-5 **AVAILABILITY OF FACILITIES: RESTRICTION OF DISCHARGE RATE**

12-B-5a If sewerage system capacity is not available, the Director may restrict discharge until sufficient capacity can be made available. The District shall advise any person desiring to locate a new facility of the areas where wastewater of the proposed quantity and quality can be received by available sewerage system capacity. The District may refuse immediate service to any new facility located in an area where there is insufficient capacity in the District's sewerage system to accommodate the proposed quality and quantity of the wastewater.

12-B-5b The District may restrict the rate of discharge into any sanitary sewer during the peak flow hours (8:00 a.m. to 10:00 p.m.) or at any other time when required to prevent the overloading of the sewerage system. A user so restricted shall be required either to curtail the rate of discharge or to provide approved storage or retention facilities for the wastewater. Wastewater so retained may be discharged into a sanitary sewer between the hours of 10:00 p.m. and 8:00 a.m., or during other periods prescribed by the District, at a rate of flow**,** which the sewerage system can accommodate.

12-B-6 **EXCESSIVE SEWER MAINTENANCE EXPENSE:** Any person who discharges or causes to be discharged into the District's sewerage system either directly or indirectly, any waste or wastewater which creates a stoppage, plugging, breakage, permanent reduction in the capacity of a sewer, or any other damage to the District's sewerage system shall be liable for the damage and for excessive sewerage system maintenance expense occasioned thereby. The expense and the damage shall be deemed a debt to the District and will be charged to the user by the District. Any excessive maintenance expense or any other expenses attributable thereto shall be charged to the offending user by the District.

12-B-7 **DAMAGE TO DISTRICT'S SEWERAGE SYSTEM: CREATION OF OTHER LIABILITY:** Any person who discharges or causes to be discharged into the District's sewerage system, either directly or indirectly, any prohibited waste or wastewater which causes damage to the system, causes detrimental effects upon District's wastewater treatment plant processes, or causes the violation of a discharge requirement or regulation imposed by a regulatory agency shall be liable for all damages and costs occasioned thereby, including any penalty assessed by a regulatory agency. The damages, costs, or penalty assessed shall be deemed a debt to the District and shall be charged to the user by the District.

12-B-8 **CONFIDENTIAL INFORMATION:** Information and data on a user obtained from reports, questionnaires, permit applications, permits, and monitoring programs and from inspections shall be available to the public or other governmental agency without restriction unless the user specifically requests and is able to demonstrate to the satisfaction of the District that the release of such information would divulge information, processes, or methods of production entitled to protection as confidential information of the user.

When requested by the person furnishing a report, the portions of the report which might disclose trade secrets or secret processes shall not be made available for inspection by the public, but shall be made available upon written request to governmental agencies for uses related to these rules and regulations and/or the National Pollutant Discharge Elimination System; provided however, that such portions of a report shall be available for use by the State or any State agency in judicial review or enforcement proceedings involving the person furnishing the report. Wastewater constituents and characteristics will not be recognized as confidential information.

12-B-9 **RECONSIDERATION:** Any person unsatisfied with an action, decision, or determination of the Director under these rules and regulations may file a written request for reconsideration. The request shall specify the action, decision, or determination complained of and shall state the reasons upon which the request for reconsideration is based. The Director will consider the request, rule thereon, and give notice of the ruling within 30 calendar days following the filing of the request with the District.

12-B-10 **APPEAL TO THE BOARD OF DIRECTORS**

12-B-10a Within ten calendar days following the date that notice of the Director's ruling on reconsideration is given, the person who initiated the request for reconsideration may appeal the ruling to the District Board of Directors.

12-B-10b An appeal shall be perfected by filing with the Clerk of the Board an original and two copies of a notice of appeal**,** which states with particularity the grounds of appeal and the specific relief requested. The Clerk shall note on the original notice the date and time of filing and shall transmit copies of the notice to the District and County Counsel.

12-B-11 **NOTICE AND HEARING FOR APPEAL**

12-B-11a A hearing on appeal shall be held by the District no more than 35 calendar days following the date of filing of the notice of appeal.

12-B-11b At the meeting of the District Board of Directors succeeding the filing of notice, the Clerk shall fix the date, place, and time of hearing on appeal. Written notice thereof shall be given by the Clerk to the appellant, to the District, and to any person of record directly affected by the appeal. The written notice of the date, place, and time shall be given at least five calendar days prior to the date of the hearing.

12-B-11c The consideration of the District Board of Directors at hearing on appeal shall be restricted to the issues raised by the grounds specified in the notice of appeal. The appellant may appear personally and by counsel, may examine opposing witnesses and may present witnesses and evidence in his own behalf.

12-B-11d The Board of Directors shall announce its decision resolving an appeal within 14 calendar days following the conclusion of public hearing on the matter. The decision of the Board shall comport with the purpose of these rules and regulations, shall do substantial justice, and shall serve the public interest, health, safety, and welfare.

12-B-12 **NOTICE OF DECISION:** Not later than 10 calendar days following the date on which the decision of the District Board of Directors is rendered, the Clerk shall mail notice of or a copy of the decision to the appellant and to the District.

12-B-13 **NOTICE: TIME LIMITS**

12-B-13a Unless otherwise provided herein, any notice required to be given by the District pursuant to these rules and regulations shall be in writing and served in person or by registered or certified mail. If served by mail, the notice shall be sent to the last address known to the District.

12-B-13b Notice by mail shall be deemed to have been given at the time of deposit, registered or certified postage prepaid, in a collection facility regularly serviced by the United States Postal Service; and notice personally served shall be effective at the time the written notice is served upon the person or served in any other manner permitted by the California Code of Civil Procedure.

12-B-13c Any time limit provided in a written notice or in any provision of these rules and regulations may be extended in writing by or at the direction of the Director.

12-B-14 **PUBLIC NOTIFICATION:** Public notification will be made at least annually in the largest daily local newspaper listing all local industries who, during the previous 12 months, were in significant non-compliance with applicable Federal pretreatment standards or other pretreatment requirements. For the purposes of this provision, a significant non-compliance would be those violations that meet one or more of the criteria as outlined in 40 CFR 403.8 (f) (2) (viii) (D).

SECTION C - WASTEWATER DISCHARGE INTO DISTRICT SEWERAGE SYSTEM

RULE

12-C-1 **WASTEWATER DISCHARGE POLICY**

12-C-1a Domestic and industrial wastewater originating within the District will be accepted into the District's sewerage system if there is capacity in the system and the wastewater will not:

1. Menace public health;
2. Detrimentally affect the local environment;
3. Create a nuisance, including odor and infestation;
4. Impose excessive collection, treatment, or disposal costs upon the District;
5. Significantly interfere with or impede wastewater treatment processes;
6. Interfere with or impede wastewater reclamation processes;
7. Exceed quality limits and quantity requirements established by these rules and regulations promulgated thereunder;
8. Significantly contaminate the sludge from the treatment process;
9. Cause the District to violate its NPDES permit.

12-C-1b These rules and regulations provide specific limits for prohibited constituents only where they are now reasonably well established. Other constituents will be brought under regulation when specific limits are established. In some cases, the concentration or amount of any particular constituent which will be judged to be excessive or unreasonable cannot be foreseen, but will depend on the results of technical determinations relating to the particular situation and the actions of regulatory agencies.

12-C-1c No person shall discharge any domestic or industrial wastewater to the ground, into any surface drainage conduit, storm drain or channel, or stream or other watercourse.

12-C-2 **DISTRICT DISCHARGE PROHIBITIONS:** No user shall contribute or cause to be contributed, directly or indirectly, any pollutant or wastewater which will interfere with the operation or performance of the District's sewerage system. These District prohibitions apply to all such users of the District's sewerage system whether or not the user is subject to National Categorical Pretreatment Standards or any other Federal, State, or local Pretreatment Standards or Requirements. A user may not contribute the following substances, directly or indirectly, to the District's sewerage system:

12-C-2a Any liquids, solids, or gases which by reason of their nature or quantity are or may be sufficient either alone or by interaction with other substances to cause fire or explosion or be injurious in any other way to the District's sewerage system, its operation or personnel. At no time shall two successive readings on an explosion hazard meter at the point of discharge into the system (or at any point in the system) be more than five percent nor any single reading over ten percent of the Lower Explosive Limit (LEL) of the meter. Prohibited materials include but are not limited to: gasoline, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, sulfides, or any other substances which the District, the State, or EPA has notified the user is a fire hazard or a hazard to the system.

12-C-2b Any wastewater containing toxic pollutants in sufficient quantity, either singly or by interaction with other pollutants, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a toxic effect in the receiving waters of the District's sewerage system, or exceed the limitation set forth in Categorical Pretreatment Standards or Rule 12-C-3 of these rules and regulations. A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307(a) of the Act.

12-C-2c Any wastewater having a pH less than 5.5 or a pH higher than 10.5 or wastewater having any other corrosive or detrimental characteristics capable of causing damage or hazard to structures, equipment, and/or personnel of the District's sewerage system.

12-C-2d Solid or viscous substances which may cause obstruction to the flow in a sewer or other interference with the operation of the wastewater treatment plant such as but not limited to: grease, garbage with particles greater than one-half inch in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood and/or components, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or processing of fuel or lubricating oil, mud, and glass grinding, or polishing wastes.

12-C-2e Rain water, storm water, groundwater, street drainage, sub-surface drainage, roof drainage, swimming pool and/or spa water, yard drainage, water from yard fountains, ponds or lawn sprays or other uncontaminated water, or water added for the purpose of diluting wastes which exceed maximum concentration limitations.

12-C-2f Non-biodegradable oils commonly called soluble oils which may form persistent water emulsions or oil, petroleum oil, or refined petroleum products beyond a concentration set forth under "Specific Pollutants Limitations," disposal of oils and fats including lard, tallow, or vegetable oil in concentrations which may be detrimental to the District's sewerage system or which violate the District's NPDES permit.

12-C-2g Any noxious or malodorous liquids, gases, or solids which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for maintenance and repair.

12-C-2h Any substance which may cause the District's wastewater treatment plant's effluent or any other product such as residues, sludges, or scum's to be unsuitable for reclamation and reuse or to interfere with the reclamation process. In no case shall a material be discharged which causes the District's wastewater treatment plant to be in non-compliance with sludge use or disposal criteria, guidelines, or regulations developed under Section 405 of the Act. Any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, or State criteria applicable to the sludge management method being used.

12-C-2i Any substance in concentration sufficient to cause the District's wastewater treatment plant to violate its NPDES permit or the receiving water quality standards.

12-C-2j Any wastewater with objectionable color including, but not limited to, dye wastes and vegetable tanning solutions.

12-C-2k Any wastewater having a temperature which will inhibit biological activity in the District's wastewater treatment plant resulting in interference but in no case wastewater with a temperature at the introduction into the District's sewerage system which exceeds 104□F.

12-C-2l Any wastewater containing any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the District in compliance with applicable State or Federal regulations.

12-C-2m Any wastewater which causes a hazard to human life or creates a public nuisance.

12-C-2n Deionized or distilled water in excess of laboratory usage, single pass cooling water, blow-down or bleed water from cooling towers or other evaporation coolers exceeding 1/3 of the make-up water. (Quantities in excess of 1/3 of the make-up water may be discharged into the District's sewerage system, subject to Rule 12-B-5b, during off-peak hours if hydraulic sewer capacity is available.)

12-C-2o Any wastewater with amounts of TDS which may be detrimental to the District's sewerage system.

12-C-2p No person shall discharge or cause to be discharged into the District's sewerage system any waste or wastewater if in the opinion of the District the discharge may have an adverse or harmful affect on sewers, maintenance personnel, wastewater treatment plant personnel or equipment, treatment plant effluent quality, public or private property or may otherwise endanger ecological systems or create a public nuisance. In determining the acceptability of specific wastewater under this section, the District shall consider, in addition to the foregoing, the nature of the wastewater, the adequacy and nature of the collection, the treatment and disposal system available to accept the wastewater, and the District policy embodied in these rules and regulations. Upon such consideration, the District shall adopt new rules and regulations and upon appropriate application shall establish terms and conditions appropriate to specific users.

12-C-2q **LIMITATIONS ON WATER SOFTENERS:**

LARGE COMMERCIAL SIZED WATER SOFTENERS: The discharge of wastewater into a public sewer main resulting from the regeneration of any water softener unit or combination of units larger than 1.2 cubic feet capacity in any concentration is specifically prohibited. In this regard, all such wastewater resulting from the on-site regeneration of water softener units for which the discharge of wastewater into a public sewer main is prohibited by this subsection shall be disposed of by, and at the exclusive expense of, the involved owner or rental water softening service operator by hauling such waste to an approved disposal facility.

RESIDENTIAL SIZED WATER SOFTENERS: The discharge of wastewater into a public sewer main from the regeneration of a residential water softener smaller than 1.2 cubic feet capacity may be allowed subject to all of the following conditions:

(a) The appliance is certified to control the quantity of salt used per regeneration by a preset device and the settings of such device are limited so that a salt efficiency rating of no less than 2850 grains of hardness removed per pound of salt used in regeneration is achieved and;

(b) The installation of the appliance is accompanied by the simultaneous installation of the following softened or conditioned water conservation devices on all fixtures using softened or conditioned water, unless such devices are already in place:

1) Faucet flow restrictors

2) Ultra low flow showerhead with capacity of 2.5 gallons per minute

3) Ultra low flow toilet using 1.6 gallons per flush

4) A piping system installed so that untreated (unsoftened or unconditioned) supply water is carried to hose bibbs and sill cocks which serve water to the outside of the house.

(c) The user shall pay applicable fee and obtain a permit from the District.

12-C-3 **SPECIFIC DISCHARGE LIMITATIONS FOR INDUSTRIAL USERS**

No industrial discharger shall discharge wastewater containing pollutants in excess of:

VENTURA COUNTY WATERWORKS DISTRICT NO. 1 (MOORPARK)

Daily Maximum

Parameter	**Concentration (mg/L)**
Arsenic	1.1
Biochemical Oxygen Demand-5 day	700
Boron	1.0
Cadmium	0.15
Chloride	150
Chromium (total)	1.1
Copper	4.1
Cyanide (Total)	1.2
Lead	0.18
Mercury	0.01
Nickel	3.8
Oil and Grease	250
Phenolic Compounds	0.05
Silver	3.2
Sulfate	250
Sulfide (dissolved)	0.20
Suspended Solids (lbs./day)	813**/**500
Total Dissolved Solids	2040
Total Toxic Organics (TTO)[1]	2.17
Zinc	6.0

_____

The following pollutants must be analyzed as part of the District's TTO limit by approved methodologies listed in 40 CFR Part 413.02 (i):

Acenaphthene	N-nitrosodiphenylamine
Acrolein	N-nitrosodi-n-propylamine
Acrylonitrile	Pentachlorophenol
Benzene	Phenol
Benzidine	Bis (2-ethylhexyl) phthalate
Carbon tetrachloride (tetrachloromethane)	Butyl benzyl phthalate
Chlorobenzene	Di-n-butyl phthalate
1,2,4-trichlorobenzene	Di-n-octyl phthalate
Hexachlorobenzene	Diethyl phthalate
1,2-dichloroethane	Dimethyl phthalate
1,1,1-trichloroethane	1,2-benzanthracene (benzo(a)anthracene)
Hexchloroethane	Benzo(a)pyrene (3,4-benzopyrene)
1,1-dichloroethane	3,4-Benzofluoranthene (benzo(b)fluoranthene)
1,1,2-trichloroethane	11,12-benzofluoranthene (benzo(k)fluoranthene)
1,1,2,2-tetrachloroethane	Chrysene
Chloroethane	Acenaphthylene
Bis (2-chloroethyl) ether	Anthracene
2-chloroethyl vinyl ether (mixed)	1,12-benzoperylene (benzo(ghi)perylene)
2-chloronaphthalene	Fluorene
2,4,6-trichlorophenol	Phenanthrene
Parachlorometa cresol	1,2,5,6-dibenzanthracene (dibenzo(a,h)anthracene)
Chloroform (trichloromethane)	Indeno (1,2,3-cd pyrene) (2,3-o-phenylene pyrene)
2-chlorophenol	Pyrene
1,2-dichlorobenzene	Tetrachloroethylene
1,3-dichlorobenzene	Toluene
1,4-dichlorobenzene	Trichloroethylene
3,3-dichlorobenzidine	Vinyl chloride (chloroethylene)
1,1-dichloroethylene	Aldrin
1,2-trans-dichloroethylene	Dieldrin
2,4-dichlorophenol	Chlordane (technical mixture and metabolites)
1,2-dichloropropane	4,4-DDT
1,3-dichloropropylene (1,3-dichloropropene)	4,4-DDE (p,p-DDX)
2,4-dimethylphenol	4,4-DDD (p,p-TDE)
2,4-dinitrotoluene	Alpha-endosulfan
2,6-dinitrotoluene	Beta-endosulfan
1,2-diphenylhydrazine	Endosulfan sulfate
Ethylbenzene	
Fluoranthene	
4-chlorophenyl phenyl ether	
4-bromophenyl phenyl ether	

Bis (2-chlorolsopropyl) ether	Endrin
Bis (2-chloroethoxy) methane	Endrin aldehyde
Methylene chloride (dichloromethane)	Heptachlor
Methyl chloride (chloromethane)	Heptachlor epoxide
Methyl bromide (bromomethane)	(BHC-hexachorocyclohexane)
Bromoform (tribromomethane)	Alpha-BHC
Dichlorobromomethane	Beta-BHC
Chlorodibromomethane	Gamma-BHC
Hexachlorobutadiene	Delta-BHC
Hexachlorocyclopentadiene	(PCB-polychlorinated biphenyls)
Isophorone	PCB-1242 (Arochlor 1242)
Naphthalene	PCB-1254 (Arochlor 1254)
Nitrobenzene	PCB-1221 (Arochlor 1221)
2-nitrophenol	PCB-1232 (Arochlor 1232)
4-nitrophenol	PCB-1248 (Arochlor 1248)
2,4-dinitrophenol	PCB-1260 (Arochlor 1260)
4,6-dinitro-o-cresol	PCB-1016 (Arochlor 1016)
N-nitrosodimethylamine	Toxaphene
	2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)

It is the District's intent that the summation of all quantifiable pollutants greater than 0.01 mg/L from the above list of TTO pollutants be used as the daily maximum concentration of TTO.

In lieu of TTO analysis following an initial analysis to prove the absence of TTO material in the wastewater, the user may submit a certification statement pursuant to 40 CFR 413.03(a).

All analysis shall be performed in accordance with procedures established by the Administrator pursuant to section 304(h) of the Act and contained in 40 CFR Part 136 and amendments thereto.

When the District determines that the user is contributing to the District's sewerage system any of the above-enumerated substances in amounts in excess of these limitations, the District shall notify the user(s) of the violation. (See Rule 12-E-8)

VENTURA COUNTY WATERWORKS DISTRICT NO. 16 (PIRU)

Daily Maximum

Parameter	Concentration (mg/L)
Arsenic	0.32
Biochemical Oxygen Demand-5 day	450
Boron	1.5
Cadmium	0.01

Chloride	100
Chromium (total)	0.05
Copper	0.86
Lead	0.10
Nickel	1.8
Oil and Grease	65.0
Silver	1.4
Sulfate	650
Sulfide (dissolved)	0.20
Suspended Solids	380
Total Dissolved Solids	1150
Zinc	0.60

12-C-4 **LIMITATIONS ON THE USE OF GARBAGE GRINDERS**

Waste from garbage grinders shall not be discharged into the District's sewerage system except:

A. Wastes generated in preparation of food in a residence or

B. Wastes from existing commercial grinders used in the preparation of food or food products. Such grinders must shred the waste to a degree that all particles will be carried freely under normal conditions prevailing in the public sewer. Providing that the use of such grinders does not cause the user to exceed the foregoing specific discharge limitations.

C. All grinders shall be kept in proper working order and will be subject to inspection.

D. At any time the commercial property or business changes ownership, excluding residential property, any existing garbage grinders installed on the property must be removed and no new garbage grinders may be installed as a condition of continued District sewer service to the property.

12-C-5 **VARIANCE FROM SPECIFIC DISCHARGE LIMITATIONS**

12-C-5a A variance from a specific compatible pollutant limitation may be obtained from the District. Granting of such a variance shall be determined on a case by case basis. The District shall take into account the following factors when making this determination:

1. The industrial user's ability to meet the existing limitations.

2. The industrial user's wastewater discharge volume.

3. The industrial user's current wastewater constituent concentrations.

4. The impact of increased constituent concentrations on the District's sewerage system, the wastewater treatment plant's processes, effluent, and/or sludge quality.

5. The impact of increased constituent concentrations on the wastewater treatment plant's NPDES**,** WDR, and WRR permit requirements.

Any other factor the District deems applicable.

Prior to issuing such a variance, the District shall verify with RWQCB staff and EPA staff that the variance will not allow the user to exceed applicable categorical standards.

12-C-5b The District may require the user to increase its effluent monitoring frequencies when it is deemed necessary to properly enforce any variance granted under this section.

12-C-5c The District reserves the right to impose requirements which are stricter than, or are additive to, those specified in Rule 12-C-2 and 12-C-3 should the quantity or quality of the user's effluent merit unique consideration by virtue of its impact on the District's sewerage system or the public health and welfare.

12-C-5d The District reserves the right to revoke the variance at any time.

12-C-5e The District reserves the right to charge additional fees as related to the granting of a variance.

12-C-6 **DILUTION OF DISCHARGE:** For those industrial users not regulated by Federal Categorical Pretreatment standards, pollutant discharge limits enforced as concentration limits (mg/L) shall be modified when the industrial user consistently attempts to use dilution of the waste stream as a means of meeting the concentration limits. In such a case and/or at the discretion of the District, said user will be required to meet a maximum mass emission rate, based on the user's average process water usage for the past three years and the applicable pollutant concentration discharge standards.

12-C-7 **STATE REQUIREMENTS:** State requirements and limitations on users shall apply in any case where they are more stringent than Federal requirements and limitations or those in these rules and regulations.

12-C-8 **FEDERAL REQUIREMENTS:** Upon the promulgation of a Federal District Pretreatment Standard or the Categorical Pretreatment Standards for a particular industrial sub-category, the Federal Standard(s), if more stringent than limitations imposed under these rules and regulations, shall immediately supersede the less stringent limitations. The District shall notify all affected users of the new standards and the applicable reporting requirements under 40 CFR 403.12 and these rules and regulations.

SECTION D - PRETREATMENT REQUIREMENTS RULE

12-D-1 **REGULATORY ACTIONS:** If wastewater containing excess concentrations of a substance or a prohibited substance referred to in Rule 12-C-3 or 12-C-4 respectively of these rules and regulations is discharged or proposed to be discharged to the District's sewerage system, the Director may at his option do any of the items set forth in 12-D-1a through 12-D-1e or any combination thereof:

12-D-1a Prohibit the discharge of the wastewater;

12-D-1b Require the user to demonstrate that in-plant modifications and/or treatment would reduce or eliminate the discharge in conformance with prohibitions, limitations, and requirements of these rules and regulations;

12-D-1c Require pretreatment to reduce, eliminate or alter the nature of pollutants to a less harmful state prior to their discharge to the District's sewerage system;

12-D-1d Require the person making, causing, or allowing the discharge to pay non-compliance penalties as referenced in Rule 12-G-6; and/or

12-D-1e Implement any other remedial action as may be deemed necessary to achieving the purpose and requirements of these rules and regulations.

12-D-2 **PRETREATMENT FACILITIES AND OPERATION**

1) A wastewater pretreatment device or system may be required by the District to pretreat industrial wastewater flows prior to discharge to the District's sewerage system. Pretreatment may be necessary to restrict or prevent the discharge of certain waste constituents, to distribute more equally over a longer time period any peak discharges of industrial wastewaters, or to accomplish any pretreatment results subject to the requirements of these rules and regulations.

2) Pretreatment facilities as required by the Director, shall be maintained in good working order and operated as efficiently as possible at the expense of the user, and are subject to the requirement of these rules and regulations and all other applicable codes and laws.

12-D-2a Where pretreatment or flow equalization prior to discharge into the District's sewerage system is required, plans, specifications, and other pertinent data or information relating to such pretreatment or flow control shall first be submitted to the District for approval. Such approval shall not exempt the user of said facilities from compliance with any applicable rule or ordinance of any other governmental authority. Any alterations or additions to such pretreatment facilities shall not be made without due notice to the District for prior review and approval.

12-D-2b All Federal pretreatment standards applicable to local industry which specify quantities or concentrations of pollutants that may be discharged by a specific industrial subcategory will be enforced by the District as required in Section 309(e) and (f) et. seq. of the Act. Compliance by existing industrial users with categorical pretreatment standards shall be within one (1) year of the date the standard is promulgated unless a shorter time is specified by the EPA.

12-D-2c All domestic wastewaters including, but not limited to, those from restrooms, showers, and drinking fountains shall be kept separate from industrial wastewaters until the industrial wastewaters have passed through any required pretreatment and/or monitoring device or system.

12-D-3 **SPILL PREVENTION CONTROL AND COUNTERMEASURES:** Each industrial user shall provide protection from accidental discharge of prohibited materials, other regulated wastes or wastewater called out in these rules and regulations, or any other materials in concentration or quantities of which could be detrimental to the District's sewerage system, its operation or personnel. Each floor drain or floor sink located in an area where regulated chemicals are stored or used shall be protected in a manner approved by the District to prevent uncontrolled or accidental discharges of these regulated constituents from directly entering the District's sewerage system. Facilities to prevent accidental discharge shall be provided and maintained at the owner's and/or operator's expense. Detailed plans in the form of a Spill Prevention Control and Countermeasures Plan (showing facilities and operating procedures to provide this protection) shall be submitted to the Director for review and approval prior to construction of said facilities. Such review and approval of plans and operating procedures shall not relieve the industrial user from the responsibility of modifying said facilities as necessary to meet the other requirements of these rules and regulations.

A notice shall be permanently posted by the user in a prominent place advising employees whom to call in the event of a dangerous discharge.

Any person who causes or discovers an uncontrolled or accidental discharge of regulated wastes or wastewater into the District's sewerage system shall immediately telephone the District office in order that corrective action may be taken to protect the District's sewerage system, its operation or personnel. In addition, the person responsible for the discharge of said wastes or wastewater shall file a written report to the Director detailing the date, time, and cause of the accidental discharge, the quantity and characteristics of the discharge, and corrective action(s) taken to prevent future discharges. The report shall be filed within five (5) days of the occurrence of the uncontrolled or accidental discharge.

12-D-4 **GREASE INTERCEPTORS AND GRAVITY SEPARATING DEVICES**

12-D-4a **RESTAURANTS**: All restaurants or similar establishments shall install an approved grease interceptor**,** which is of sufficient size so as to prevent excessive discharges of grease into the District's sewerage system. The grease interceptor shall be easily accessible for inspection by the District. Exceptions to the installation of a grease interceptor may be determined on a case-by-case basis by the Director. The Director shall take into account the following items when determining exceptions: (1) size of restaurant; (2) meals served per day; (3) seating capacity; (4) dishwashing and garbage disposal facilities; and (5) any other criteria the Director deems applicable.

12-D-4b **CAR WASHES, VEHICLE SERVICE STATIONS, AND GARAGES:** Car washes and vehicle service stations or garages shall be required to install a gravity separating device designed to prevent the discharge of sand, silt, oil and grease to the District's sewerage system.

12-D-4c **LAUNDRIES AND DRY CLEANERS:** After the effective date of these rules and regulations all new laundries and dry cleaners or similar establishments shall install a gravity separating device of a size and design approved by the District. They shall also install any other pretreatment facility required by the District to ensure their compliance with all requirements and specifications of these rules and regulations. Establishments in existence prior to this date shall install an appropriate pretreatment system if in the opinion of the Director the system is warranted.

12-D-4d **EXISTING GRAVITY SEPARATING DEVICE AND GREASE INTERCEPTORS:** If the Director finds that a grease interceptor or gravity separating device installed prior to the effective date of these rules and regulations is incapable of retaining adequately the grease or sand and oil in the wastewater flow from a service station, car wash, or restaurant or similar establishment, the Director may give the proprietor a written notice requiring that an adequate interceptor or gravity separating device be installed within a reasonable time period.

12-D-4e **APPROVED DESIGNS**: The Director may maintain an information file available for public use of acceptable designs of grease interceptors and gravity separating devices. The installation of a design shown in such file or of any design meeting the size requirement set forth in these rules and regulations or any recommendation of requirements made by the Director shall not impute any liability to the District for the adequacy of the interceptor or gravity separating device under the actual conditions of use. Such installation shall not relieve the owner or proprietor of responsibility for keeping prohibited substances or substances above the limitations of these rules and regulations out of the District's sewerage system. If the interceptor, gravity separating device, or other pretreatment facility is not adequate under the conditions of use, one shall be constructed which is effective in accomplishing the intended purpose.

12-D-5 **MAINTENANCE OF GREASE INTERCEPTORS AND GRAVITY SEPARATING DEVICES:** Any grease interceptor or gravity separating device required by these rules and regulations shall be readily accessible for inspection and properly maintained to assure that the accumulations of grease**,** sand**,** and**/**or oil do not impair its efficiency or pass through with the effluent. All users required to use and maintain a grease interceptor or gravity separating device shall maintain a maintenance record. This record shall include the date, the name of the person who cleaned it, and the disposal site of the waste. The report will be reviewed by the District at each routine inspection. Persons hauling wastes and wastewater removed from these interceptors or gravity separating devices shall be registered to do so by the proper permitting agency. An interceptor or gravity separating device shall not be considered properly maintained if material accumulations total more than 25 percent of the operating fluid capacity. The District will endeavor to inspect all grease interceptors and gravity**-**separating device at least annually. If it is found that it is improperly maintained or adequate records are not being kept, a warning will be issued to the owner and/or user of the property. If on subsequent inspections it is found that one of the above conditions continues to exist, a fine shall be levied against the owner and/or user of the property. (See Rule 12-G-6).

SECTION E - INDUSTRIAL DISCHARGE PERMIT SYSTEM RULE

12-E-1 **CONNECTION TO SEWER LINES:** No person shall connect and/or discharge into the District's sewerage system without first obtaining a "Will Serve" letter issued by the Director or without first paying all applicable fees.

12-E-2 **INDUSTRIAL WASTEWATER DISCHARGE PERMITS:** All persons proposing to connect and/or discharge industrial wastewater into any part of the District's sewerage system must first apply for and obtain an industrial wastewater discharge permit. The District may deny or condition new**,** existing, or increased contributions of pollutants or changes in the nature of pollutants from industrial users based on industry's violations of applicable pretreatment standards or the limitations imposed by these rules and regulations or where such contributions could cause a wastewater treatment plant NPDES permit violation. In addition, each permit upon renewal or each application for a permit shall be accompanied by the fees as required by these rules and regulations.

12-E-3 **PERMIT APPLICATION:** The user seeking an industrial wastewater discharge permit shall complete an application provided by the District and file it with the Director accompanied by the required fee. In support of this application, the applicant shall supply the following information:

A. Name and address of applicant and Standard Industrial Classification (S.I.C.) number of the operations to be carried out by user.

B. The location of the discharge, if known.

C. Time and duration of discharge, if known.

D. Estimated average and peak flow rates including any expected daily, monthly, and seasonal variations.

E. Major constituents and characteristics including but not limited to those regulated by these rules and regulations and any applicable categorical standards as determined by a certified analytical laboratory.

F. Site plans, floor plans, plumbing plans and details to show all public sewers and appurtenances by size, location, and elevation.

G. Description of toxic or hazardous materials stored/or used on the premises which are or could be discharged to the District's sewerage system.

H. Each product by type and production process.

I. Identification of applicable regulating pretreatment standards.

J. Number of employees and normal hours of operation of the facility.

K. Any other information which may be deemed necessary by the District to evaluate the permit application.

12-E-4 **PERMIT CONDITIONS:** The industrial wastewater discharge permit shall constitute the performance specification to which each industrial user must conform in order to maintain authorization to use the District's sewerage system. Industrial wastewater discharge permits shall be expressly subject to all provisions of these rules and regulations, Federal Pretreatment Standards and Regulations pursuant to Section 307 et. seq. of the Act, and all other regulations, user charges, and fees established by the District. Permit conditions shall be uniformly enforced in accordance with these rules and regulations and applicable State and Federal regulations. Permit conditions may include but are not limited to the following:

12-E-4a Limits on the average and/or maximum wastewater constituent concentrations and other relevant qualitative characteristics. (See Section C.)

12-E-4b Mass emission discharge rates or any more stringent Federal Pretreatment Standards and user's average daily wastewater discharge for the past three years. When not available, data for a year or that which is mutually acceptable to the user and the District will be used.

12-E-4c Limits on rate and time of discharge or requirements for flow regulations and equalization. (See Rule 12-B-5).

12-E-4d Requirements for installation of inspection and sampling facilities and specifications for monitoring and reporting programs.

12-E-4e Requirements for maintaining and submitting technical self-monitoring reports and plant records relating to industrial wastewater discharges and related activities.

12-E-4f Compliance schedules. (See Rule 12-E-5.)

12-E-4g Applicable Federal Pretreatment Standards which are more stringent than local limitations. (See Section C and D.)

12-E-4h Other conditions to ensure compliance with these rules and regulations.

12-E-5 **COMPLIANCE SCHEDULES:** A compliance schedule required as a result of an industrial user's non-compliance with applicable Federal and/or local Pretreatment Standards shall be based on the following:

12-E-5a A list of the expected increments of progress in the form of dates for the commencement and completion of major events leading to consistent compliance with applicable Federal and/or local Pretreatment Standards.

12-E-5b No increment referred to above shall exceed three months.

12-E-5c Not later than 14 days following each date in the schedule and the final date for compliance, the industrial user shall submit a progress report to the District including as a minimum, whether or not the user complied with the latest increment of progress and, if not, the date on which the user expects to comply with this increment of progress, the reason for the delay, and the steps taken by the user to return to the schedule established.

12-E-6 **DURATION AND REVISION OF PERMITS**

12-E-6a Permits will be issued for a period of five years or less. The terms and conditions of the permit may be subject to modification as limitations or requirements in Rule 12-C-1 and 12-C-2 are modified or as a result of pretreatment standards and/or requirements promulgated pursuant to Section 307 et. seq. of the Act. The user will be informed of the proposed changes in his permit 30 days prior to the effective date of the change. Any new conditions in the permit will include a reasonable compliance schedule to be proposed by the industrial user and approved by the District. Such compliance schedule will allow the user time to modify the industrial process sufficiently to comply with the new permit changes.

12-E-6b Permits issued to each industrial user shall be based on the user's typical discharge rate, peak discharge rate, and wastewater constituents and characteristics as described in the user's permit application or through the District's knowledge of the history of the user's discharge. The user is required to promptly notify the Director of any significant changes in the user's operation that may affect his discharge rate, peak flow rate, wastewater constituents or characteristics.

12-E-7 **TRANSFER OF A PERMIT:** Industrial wastewater discharge permits are issued to a specific user for a specific operation. A permit shall not be reassigned or transferred or sold to a new owner, new user, different premises or a new or changed operation.

12-E-8 **VIOLATION OF THE PERMIT:** When the District determines that a specific condition and/or discharge is in violation of any provision of these rules and regulations or in violation of any permit condition or limitation imposed, the industrial user will be issued a Notice of Violation (See Rule 12-H-4a) by the Director which will specify the violation or designate the deficiencies and will specify a period of time within which the discharge shall be brought into conformity with all requirements. The period of time specified by the District will be reasonably related to the character of the violation, to the quality and quantity of the discharge, and to the risk imposed upon the District's sewerage system or threatened to the public health, safety, and welfare. The user shall submit in writing, to the District, the following:

A. An explanation as to the cause of violation.

B. A compliance schedule which outlines the methods undertaken to remedy the violation and to assure a repetition of the violation does not occur.

12-E-9 **SUSPENSION OF PERMIT**

12-E-9a The District may suspend a permit if the suspension is necessary to terminate a discharge which is in violation of any provision of these rules and regulations provided that a Notice of Violation has been served on the user and the time designated therein to correct the violation has transpired.

12-E-9b The District may suspend a permit, upon informal notice only, if suspension is necessary to terminate a discharge which presents an imminent hazard to the local environment, to the District's sewerage system or to District personnel, or the termination of which is reasonably required to preserve the public health, safety, or welfare. (See Rule 12-H-4d.)

12-E-9c Any person notified of the suspension of the industrial wastewater discharge permit shall immediately stop or eliminate the discharge of the specified wastewater or other material into the District's sewerage system. In the event of a failure of the person to comply voluntarily with the suspension order, the District will take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the District's sewerage system or endangerment of any individuals.

12-E-9d The District will reinstate a permit suspended hereunder upon proof of the user's compliance with the Notice of Violation and with the requirements of these rules and regulations. A detailed written statement submitted by the user describing the causes of the harmful contribution and the measures taken to prevent any future occurrence shall be submitted to the District within 30 days of the date of occurrence.

12-E-10 **REVOCATION OF PERMIT:** Any industrial user who violates the conditions of his permit or provisions of these rules and regulations or applicable Federal and State regulations is subject to having his permit revoked. Violations subjecting a user to possible revocation of the permit include, but are not limited to, the following:

12-E-10a Failure of a user to factually report their wastewater constituents or concentrations or to comply with their self-monitoring requirements;

12-E-10b Failure of the user to report significant changes in operations or wastewater constituents and characteristics;

12-E-10c Refusal of reasonable access to the user's premises for the purpose of inspection or monitoring;

12-E-10d Violation of conditions of the user's permit; or

12-E-10e Failure of the user to comply with the terms of his compliance schedule.

SECTION F - INDUSTRIAL WASTEWATER MONITORING AND REPORTING

RULE

12-F-1 **RECORDS AND MONITORING**

12-F-1a All industrial users discharging or proposing to discharge industrial wastewater to the District's sewerage system shall maintain records of its raw materials and usage, processes, effluent flows, pollutant concentrations, and related factors. These records shall be necessary to demonstrate compliance with the requirements of these rules and regulations and any applicable Federal or State pretreatment standards. Any industrial user subject to the reporting requirements of these rules and regulations shall be required to retain for a minimum of three years any records of monitoring activities and results. This period of retention shall be extended during the course of any unresolved litigation regarding the industrial user of POTW or when requested by the Director or the approval authority.

12-F-1b All such records relating to compliance with pretreatment standards shall be made available for inspection and copying at the company facility or other location to officials of the EPA, Approval Authority, and the District.

12-F-1c The owner and/or occupant of any premises or facility discharging industrial wastewater into the District's sewerage system shall install at his own expense suitable monitoring equipment as may be required by these rules and regulations to facilitate the accurate observation, sampling, and measurement of regulated constituents. Such equipment shall be maintained in proper working order and kept safe and accessible at all times.

12-F-1d If the District requires or the owner or operator chooses to install a flow meter, the flow meter must be calibrated every six months, and a photocopy of the calibration must be sent to the District. The calibration must be performed by one of the following: 1) the manufacturer; or 2) a qualified Civil Engineer. Flow charts are to be held by the user for a minimum of three years and made available to the District upon request. Totalizer readings shall be recorded daily, and every month a report shall be submitted to the District showing total daily flows and total monthly flow.

12-F-1e All industrial users required to periodically sample and analyze their wastewater shall use sampling methods and sampling locations approved by the District. For each sample collected and analyzed the user shall maintain a record of:

1. The date, exact place, method, and time of sampling and the names of the person or persons taking samples.
2. The dates when analyses were performed.
3. Who performed the analysis.
4. The analytical techniques/methods used.
5. The results of such analyses.

12-F-1f Whether constructed on public or private property, the approved sampling point shall be constructed in accordance with the District's requirements. An industry may request approval from the District for sampling stations installed prior to the effective date of these rules and regulations, which meet the design and accessibility requirements for sampling purposes.

12-F-2 **SAMPLING STATION**

12-F-2a Sampling station(s) of a design approved by the District shall be furnished and installed by designated industrial user(s) to facilitate inspection, sampling, and flow measurements. The sampling stations(s) shall be located in an accessible location and the location shall be approved by the District.

12-F-2b Unrestricted access to the sampling station(s) shall be provided to authorized personnel of the District at all times.

12-F-3 **SAMPLING AND ANALYSIS**

12-F-3a Compliance determinations will be made by the District with respect to Rule 12-C-2 and 12-C-3 on the basis of either grab or composite sampling of the wastewater. Grab samples may be taken as deemed necessary by the District to meet the needs of the specific circumstances. If routine grab or composite sampling reveals non-compliance by the user with the mass loading rates or conditions specified in the user's permit, then the user shall pay to the District fees as specified in Section G and may be assessed all other costs incurred during the subsequent evaluation period for sampling and analysis, including labor, equipment, materials, and overhead.

12-F-3b All analyses will be performed in accordance with procedures established pursuant to Section 304(g) et. seq., of the Act and contained in 40 CFR 136 and amendments thereto.

12-F-3c Sampling of industrial wastewater and wastes for the purpose of compliance determination will be conducted at intervals specified by the District. It is the intention of the District to conduct compliance sampling for all industrial users at least once per year, for the constituents set forth in the user's industrial wastewater discharge permit.

12-F-4 **SELF-MONITORING REPORTS**

12-F-4a All industrial users required to do so by the District shall monitor and report on the quantity and quality of their industrial wastewater discharge. The items to be included in the report and the frequency with which this report shall be submitted to the District will be detailed in the user's industrial wastewater discharge permit. The frequency of self-monitoring and reporting for those industrial dischargers not regulated by Federal pretreatment regulations will be based on the following factors:

1. The effect of the wastewater on the District's sewerage system.
2. The degree of toxic material which may pass through the treatment plant.
3. The quantity, nature, and type of the industrial wastewater discharge.
4. The extent to which the discharge could contribute to violation of the District's NPDES permit.

12-F-4b All reports submitted by the industrial user shall be required to be signed by an authorized representative of the user.

12-F-4c These reports shall be subject to the provision of 18 U.S.C. Section 1001 relating to false statements and fraud and the provisions of Section 309(c)(2) of the Act governing false statements.

12-F-4d Each self-monitoring report and all reports as required within this Division, shall contain the following completed declaration: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted."

"Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Executed on the day of at .

(Signature)
(Typed Name)
(Title)

12-F-4e The following reports will be required pursuant to promulgation of Section 307 et. seq. of the Act and the establishment of any pretreatment standards and regulations:

1. One hundred and eighty (180) days after the promulgation of pretreatment standards all existing industries subject to such standards shall be required to submit to the District a report containing:

a. The name and address of the user.

b. The location of the discharge.

c. The nature, average production rate, and standard industrial classification of the operations carried out by such user.

d. The average and maximum flow of the discharge in million gallons per day.

e. The nature and concentration of pollutants in the discharge from each regulated process and identification of applicable pretreatment standards. The concentration shall be reported as a maximum or average as provided for in applicable pretreatment standards.

f. A statement reviewed by an authorized representative of the industrial user and certified by a qualified professional indicating whether the pretreatment standards are being met on a consistent basis and, if not, whether operation and maintenance improvements or additional pretreatment is required for compliance.

g. If additional pretreatment or operation and maintenance improvements are required, the shortest schedule by which such operation or maintenance improvements or additional pretreatment will be completed. The completion date submitted shall not be later than the compliance date established in the applicable pretreatment standard.

2. New sources and existing sources that become industrial users subsequent to the promulgation of applicable categorical standards shall be required to submit to the District the information listed in (a) through (e) above at least 90 days prior to commencement of discharge.

Within 30 days following the final date of compliance with a pretreatment standard, the industrial user subject to pretreatment standards and requirements shall submit a report to the District indicating the nature and concentration of all pollutants regulated by the pretreatment standards, including the average and maximum daily flow for the industrial process units. The report shall also state whether pretreatment standards or requirements are being met and, if not, the operation and maintenance and/or pretreatment that will be necessary to bring the discharge into compliance.

3. After the final compliance report for a pretreatment standard, the object industrial user shall periodically submit a report to the District indicating the nature and concentration of pollutants in the effluent which are limited by the pretreatment standard. These reports shall be submitted in June and December unless required more frequently by the District.

SECTION G - FEES

RULE

12-G-1 **AUTHORIZED FEES**

To provide for the recovery of District costs associated with the discharge of industrial wastewater to the District's sewerage facilities and for the enforcement of the provisions of these rules and regulations, the District will impose the following Fees**:**

(1)	Permit Application Fees (Industrial)	$ 600.00
(2)	Plan Check Fees	$ 60.00
(3)	Certificate of Occupancy Fees	$ 50.00
(4)	Review Meeting**/**Appeal Fees	$ 300.00
(5)	Notice of Violation Fees	$ 145.00
(6)	Late and/or Unsigned Report Fees	$ 100.00
(7)	Failure to Permit Inspection Fees	$ 80.00
(8)	Informal Enforcement Response Fees	$ 60.00

The District may amend its fee amounts at any time by subsequent resolution of the District Board of Directors.

12-G-2 **PAYMENT OF CHARGES AND DELINQUENCIES:** All fees are due and payable upon receipt of notice thereof. All such charges shall become delinquent 15 days after mailing or delivering notice thereof to the mailing address of the person subject to charges.

All delinquent fees shall be deemed a violation of these rules and regulations, and each day any such charge remains delinquent shall be deemed a separate violation.

12-G-3 **RECORD OF FEES:** The District will keep a record of all fees collected under these rules and regulations. The record will reflect the names and addresses of the persons on whose account the fees were paid, the date, the amount of payment, and the purpose for which fees were paid or the premises affected.

12-G-4 **ESTIMATED QUANTITIES AND VALUES:** Unless otherwise provided herein, whenever the fees required by these rules and regulations are based on estimated values or estimated quantities, the District will make such determination in accordance with established estimating practices and as required by state law.

12-G-5 **FEES FOR UNUSUAL OR EXCESSIVE STRENGTH WASTEWATERS:** An additional fee for wastewater of such quality or character as to impose upon the District unusual operation and maintenance or capital cost whether or not related to flow volume, BOD, SS, or peak flow rates may be set by the District and shall be paid by the user. These fees shall be reasonably calculated to defray cost attributable to such wastewater.

12-G-6 **COLLECTION OF FEES:** The amount of any fee imposed by the provisions of these rules and regulations shall be deemed a debt owed to the District. An action in the name of the District may be commenced in any court of competent jurisdiction for the amount of any delinquent fees, and if legal action is brought by the District or its assignee to enforce collection of any amount charged and due under these rules and regulations, any judgment rendered in favor of the District shall include costs of suit incurred by the District or its assignee, including a reasonable attorney's fee.

SECTION H - ENFORCEMENT RESPONSES

RULE

12-H-1 In accordance with 40 CFR 403.8(f)(5), the District has developed this Enforcement Response Plan (ERP). District Rules and Regulations for Sewage Disposal (Rules) authorize the Director to regulate and enforce Publicly Owned Treatment Works (POTW) user compliance. As established in Section 12-B-1 of the Rules, the Director has delegated to a designee those ministerial powers granted to or imposed upon the Director in the Rules. This document identifies the District's staff roles and responsibilities; methods for identifying new Industrial Users (IU); and procedures used to identify and respond to instances of IU non-compliance. For the purposes of this ERP, an IU is any sanitary sewer user so defined by the Rules, Part 12, Section A, Rule 12-A-1. The ERP is intended for the use of District personnel to address enforcement actions concerning pretreatment violations. It is not intended to create any rights or obligations and may be deviated from when deemed necessary by the Director or his designee.

The ERP was developed using guidance from the Environmental Protection Agency (EPA) Pretreatment Compliance Monitoring and Enforcement Guidance (July 1986); Guidance for Developing Control Authority Enforcement Response Plans (September 1989) and is intended to serve three main purposes:

- To provide guidance in enforcement responses that may be appropriate in relation to the nature and severity of the violation and the overall degree of non-compliance
- To establish guidelines that encourage fair and uniform application of enforcement responses to comparable levels and types of violations

As a mechanism to review the appropriateness of response

12-H-2 **DECLARATION OF PUBLIC NUISANCE:** Discharges of wastewater, in any manner, in violation of the provisions of these rules and regulations or of any order issued by the District as authorized by these rules and regulations are hereby declared a public nuisance. The District has the authority to take necessary measures (informal notice may suffice) to immediately and effectively correct or abate a public nuisance and may be enjoined by order or process of a court of competent jurisdiction.

12-H-3 **ENFORCEMENT PROVISIONS:** The District can require compliance with permit conditions or limitations, or any provision of these rules and regulations by issuing administrative orders that shall be enforceable in a court or by direct court action. (See Rule 1-B-1).

12-H-4 ADMINISTRATIVE ORDERS

12-H-4a **NOTICE OF VIOLATION**: When the District finds that a discharge to the District's sewerage system has taken place in violation of the prohibitions, limitations, requirements, or provisions of these rules and regulations or the conditions of an industrial wastewater discharge permit, the District will issue a Notice of Violation to the user. A Notice of Violation is official recognition of violation of the prohibitions, limitations, requirements, and/or provisions of these rules and regulations or conditions of an industrial wastewater discharge permit. (See Rule 12-E-8).

This is a formal enforcement response to a permit or Rule violation. The Notice of Violation:

- Notifies the user of the violation or defines the deficiencies
- Specifies the time period within which the correction must be made
- Specifies when the user must respond in writing as to the cause of the violation
- Requires the user to submit a compliance schedule outlining the methods to be undertaken to remedy the violation and assure long-term compliance and the dates of completing major events leading to full compliance
- The user is typically asked to respond to the Notice of Violation within 10 days. The user is also required to submit a progress report to the District within 14 days following each date specified in the schedule and the final compliance date.

12-H-4b **CEASE AND DESIST ORDERS**: When the District finds that after the issuance of a Notice of Violation a discharge of wastewater has taken place in violation of the prohibitions, limitations, requirements, or provisions of these rules and regulations or the conditions of an industrial wastewater discharge permit or upon a plan approval related thereto, the District may issue a Cease and Desist order and direct that those persons:

1. Comply immediately, or
2. Comply in accordance with a compliance schedule as set forth by the District. (See Rule 12-E-5 and 12-E-8).

A Cease and Desist Order (Order) is issued after a Notice of Violation and continued user violation. The Order will direct a user to immediately comply in accordance with a compliance schedule. The District may issue the Order to require the user to make major modifications or install completely new facilities. The user may be required to install source control, spill containment, wastewater collection or wastewater treatment system, or implement a spill control or TOMP. Using a Compliance Schedule (Section 12-E-5 of the Rules), the Order specifies dates for completing major events leading to consistent compliance with the permit and/or Rules. The Order may also specify payment of penalties and assessment of future non-compliance charges if the user does not comply with the conditions set forth in the Order.

12-H-4c **TERMINATION OF SERVICE ORDER**: The District may revoke any industrial user's industrial wastewater discharge permit or terminate wastewater or water service to any premise if the user is in violation of any provisions of these rules and regulations, or if the user presents, or may present an endangerment to the environment or the District's sewerage system. Twenty-four hours prior to taking any action to terminate wastewater or water service, the violation user will receive written notification of the proposed termination. All costs for terminating service and for reinstating service shall be paid by the user before any reconnection is made.

Termination of wastewater service is the revocation of a user's privilege to discharge industrial wastewater into the District's wastewater system. Termination may be accomplished by physical severance of the industry's connection to the wastewater system or ordering the user to plug their industrial sewer. Termination of wastewater service can be considered an appropriate response to industries that have not responded adequately to previous enforcement remedies. A notice to the user will be issued 24 hours in advance of taking any District actions to terminate water or wastewater service. The user can then halt production in time to avoid back flows, spills, and other harm to the user's facility, as well as time to look for alternative means of wastewater disposal. All termination and reinstatement costs will be paid by the user.

12-H-4d **EMERGENCY NON-COMPLIANCE AUTHORITY:** The District has the authority to take necessary measures (informal notice may suffice) to immediately and effectively halt or prevent any discharge of materials to the District's sewerage system which reasonably appears to present an imminent danger to the District's sewerage system, District personnel, or the health, safety, and/or welfare of the public.

The Order will be utilized in situations where the discharge could cause interference or pass-through at the treatment plant, or otherwise cause an emergency situation in either the treatment plant or collection system. The District can order immediate cessation of any discharge to the collection system, regardless of a user's compliance status. If the user fails to comply with the order, the District may take independent action to halt the discharge, such as terminating water service or blocking the user's connection point.

12-H-5 **JUDICIAL ACTION**

12-H-5a **INJUNCTION:** Whenever a discharge of wastewater is in violation of the provisions of these rules and regulations, the District may petition the Superior Court for the issuance of a temporary restraining order or a preliminary injunction or a permanent injunction or any or all of these, as may be appropriate to restrict the continuance of such discharge. Furthermore, the District may petition the Superior Court for the issuance of a temporary restraining order or a preliminary injunction or a permanent injunction or any or all of these, as may be appropriate, for non-discharge violations, or such other noncompliance with the rules and regulations set forth herein.

The petition to the Superior Court may seek a court order that will direct parties to follow an established procedure and/or to refrain from specific actions. A temporary restraining order or preliminary injunction may be sought if the delays involved in filing a suit would result in irreparable harm. A permanent injunction may be sought for an egregious and continuing violation. A Cease and Desist Order may be used in place of injunctive relief.

12-H-6 **SUPPLEMENTAL ENFORCEMENT RESPONS**ES

12-H-6a **PUBLIC NOTICE:** As a requirement of 40 CFR 403.8(f)(2)(viii), an annual publication of a list of users which were significantly violating applicable pretreatment standards or requirements during the calendar year will be employed. Publication of the list is scheduled on or about January 30th of each year and is intended to deter users from committing pretreatment violations. Publishing the list also satisfies the public's right-to-know of violations affecting the immediate environment and causing additional expenditures of public funds to operate and maintain the wastewater collection and treatment system.

12-H-6b **INCREASED MONITORING AND REPORTING.** When a user demonstrates a history of non-compliance, they may be subjected to increased surveillance (i.e., sampling and inspections) by the District. Additional self-monitoring and reporting may also be required of the user until the problem is corrected and consistent compliance is demonstrated. The increased monitoring shall continue for a specified period of time or until continued compliance has been achieved.

12-H-7 **UNLAWFUL DISCHARGES: DAMAGES AND LIABILITY:** If the District finds that any person has discharged any wastes or wastewater into the District's sewerage system in violation of the provisions of these rules and regulations, or of the user's industrial wastewater discharge permit, and that such discharge caused increased operating costs or diminished the efficiency of the treatment process, the District will estimate the value of the damage and add that sum to that person's next regular sewer bill. The items the District will consider include but are not limited to:

A. The cost of repairs to the District's sewerage system.

B. The depreciation of the system due to damages not repaired.

C. The extra operating costs.

D. The value of the loss of wastewater treatment plant operating efficiency based upon the District's normal operating costs and the extent to which the performance of the plant was reduced below normal as a result of such improper discharge to the sewer.

All charges made pursuant to this subsection are due and payable upon receipt of notice thereof. All such charges shall become delinquent 15 days after mailing notice thereof to the mailing address of the user subject to such charges. This remedy is non-exclusive and may be asserted in addition to any other remedy available to the District under law.

12-H-8 **FALSIFYING INFORMATION:** No person shall knowingly make any false statements, representation, or certification in any application, record, report, plan or other document filed or required to be maintained pursuant to these rules and regulations or industrial wastewater discharge permit. Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under these rules and regulations, shall upon conviction, be punished by a fine of not more than $1,000 or by imprisonment for not more than six months or by both.

12-H-9 **SEVERAILITY:** If any provision or clause of these rules and regulations or the application thereof to any person or circumstance is held to be unconstitutional or to be otherwise invalid by a final judgment of any court or competent jurisdiction, such invalidity shall not affect other provisions or application, and to this end, the provisions of these rules and regulations are declared to be severable.

APPENDIX A

Change Rule Number	Eff. Date	Number	Reference
1	03-12-68	1-H-2a	Ag Rate
2	11-04-68		
3	02-28-69		
4	07-01-69		
5	08-11-70		
6	07-28-70		
7	08-11-70		
8	10-27-70		Part 8 Sewage O&M
9	03-01-71		
10	04-01-71	1-H-31	Cross Connection
11	05-01-71	1-A-6a	Definition
11	05-01-71	1-E-1	Surplus Water
11	05-01-71	1-H-13	Construction Charges
11	05-01-71	1-H-13	Construction Charges
11	05-01-71	1-H-18	Substitution of Meter
11	05-01-71	1-H-25c	Estimated Bill
11	05-01-71	1-H-26e	Fees
11	05-01-71	1-I-1	Capital Imp. Charges
11	05-01-71	1-I-2	Ag Capital Imp. Charges
11	05-01-71	1-I-3	Surplus Water
12	05-17-71		
13	05-02-72	7-B-1	Definition
13	05-02-72	7-B-1	Definition
13	05-02-72	7-C-5.1	Sewer Connection Fees
13	05-02-72	7-C-5.3	Sewer Connection Fees
13	05-02-72	7-C-13	Sewer Requirements
13	05-02-72	7-C-15	Construction Requirements
13	05-02-72	7-C-16	Separate Sewers
13	05-02-72	7-C-16.1	Condominium Sewers
13	05-02-72	7-C-17	Sewer Permit
13	05-02-72	7-C-19	Incomplete Construction
13	05-02-72	7-C-26	Permit Classes
13	05-02-72	7-E-3	Original Connections
13	05-02-72	7-E-4	Sewer Responsibility
14	08-29-72	1-I-8	Off-Site Const.
15	01-01-73	1-C-1	Water Supply
16	02-02-73		
17	03-27-73	7-C-6	Sewer Service Charge
18	06-14-73	7-C-6	Sewer Service Charge
19	07-01-73	Part 9	Standard Criteria
20	09-11-73	7-C-8.1	Plan Check Fees

20	09-11-73	7-C-8.2.1	Plan Check Fees
21	11-13-73		
22	07-01-74	2-B-4	Construction Water
22	07-01-74	2-B-6	Fire Sprinkler Service
22	07-01-74	3-A-1	Interconnection Charges
23a	01-01-75	1-A-11	Definition
23a	01-01-75	1-A-12	Definition
23a	01-01-75	7-B-1	Definition
23b	02-18-75	Part 10	Piru Sewage System
23c	02-20-75		
24	04-29-75		
25	06-06-76	9-B-14.3	Approval & Acceptance of Plans
25	06-06-76	9-B-16.3	Approval & Acceptance of Plans
25	06-06-76	10-E-9	Sewer Construction Security
26	09-01-76	3-A-9	Capital Improvement Charge
27	12-01-76	2-A-2	Service Charges
28	04-01-77	8-C-3	Sewer Service Charge
29	06-14-77	7-C-6	Sewer Service Charge
30	06-21-77	2-A-4, 5, 6	Service Charge & Rates
31	06-28-77	8-C-2	Sewer Connection Fees
32	10-25-77	9-B-5	Water Improvement Plans
33	08-01-78	2-A-2	Water Rates
33	08-01-78	8-C-3.1	Sewer Service Charge
34	08-08-78	1-A-32a	District Divisions
34	08-08-78	2-A-1b	Charges
34	08-08-78	2-B-5	Construction Service Charge
34	08-08-78	2-B-5	Installation Fees
34	08-08-78	2-B-6	Service Charges
34	08-08-78	3-A-4	Service Charges
34	08-08-78	3-A-5	Construction Charges
34	08-08-78	3-A-6	Service Charges
34	08-08-78	3-A-9	Service Charges
35	03-20-79	3-A-9	Capital Improvement Charges
36	07-01-80	8-C-3.1	Sewer Service Charge
37	09-09-80	3-A-1	Service Charges
37	09-09-80	3-A-2	Installation Charges
38	09-09-80		
39	01-22-81		
40	05-26-81	3-A-10	Fire Flow
41	07-22-81		
42	08-01-81	2-A-8	Water Rates
43	07-07-81	10-C-7	Service Charges
44	06-08-82	9-B-14.1	Approval & Acceptance of Plans
45	06-29-82	2-A-9	Water Rates
46	08-31-82	7-C-6.1	Sewer Rates
47	09-28-82	2-A-8	Service Charge
48	01-11-83	2-A-1c	Deposit

49	06-29-82	10-C-7.1	Sewer Service Charge
50	12-06-83	2-B-4	Construction Water
50	12-06-83	7-C-6.1	Sewer Service Charge
51	07-31-84	2-A-9	Ag Rate
52	08-28-84	2-B-8	Misc. Charges
53	08-28-84	2-A-2	Service Charges
54	11-20-84	2-A-8	Service Charges
55	11-27-84	2-A-8	Service Charges
55	11-27-84	2-B-3	Surplus Water
56	05-06-86	7-C-5	Sewer Connection Fees
56	05-06-86	7-C-5.4	Sewer Connection Fees
57	09-30-86	1-H-2a	Ag Water
57	09-30-86	1-H-2a	Ag Water Exemption
58	04-14-87	3-A-9	Capital Improvement Charges
59	05-05-87	3-A-9	Capital Improvement Charges
60	08-29-89	2-A-2	Service Charges
60	08-29-89	2-A-8	Service Charges
60	08-29-89	2-A-9	Service Charges
61	06-05-90	Part 12	Rules and Regulations for Sewage Disposal (1 & 16)
62	6-05-90	Section L	Water Conservation
63	11-13-90	1-H-26g	Service Charges
63	11-13-90	2-B-8	Miscellaneous Charges
63	11-13-90	2-B-8a	Personalized Charges
63	11-13-90	2-B-8b	Personalized Charges
63	11-13-90	2-B-8d	Personalized Charges
63	11-13-90	2-B-8e	Personalized Charges
63	11-13-90	2-B-8f	Personalized Charges
63	11-13-90	2-B-8g	Personalized Charges
63	11-13-90	7-C-5.2	Sewer Connection Fees
63	11-13-90	7-C-5.3	Sewer Connection Fees
63	11-13-90	7-C-6	Sewer Service Charges
64	03-12-91	1-L-4a	Water Conservation
64	03-12-91	1-L-4a	Water Conservation
64	03-12-91	1-L-4a	Water Conservation
64	03-12-91	2-A-2	Ag Rates
64	03-12-91	2-A-2	Ag Customers
64	03-12-91	2-A-8	Ag Customers
64	03-12-91	2-A-9	Ag Customers
65	04-09-91	1-L-4a	Water Conservation
65	04-09-91	2-A-2	Rates
65	04-09-91	2-A-2	Ag Rates
65	04-09-91	2-A-8	Rates
65	04-09-91	2-A-9	Service Charges
65	04-09-91	2-A-9	Rates
65	04-09-91	2-A-9	Ag Rates
66	04-30-91	2-A-2	IIP (1) Tiers
66	04-30-91	2-A-2	IIP (2) Tiers

66	04-30-91	2-A-2	IIP (3) Tiers
66	04-30-91	2-A-8	IIP (1) Tiers
66	04-30-91	2-A-8	IIP (2) Tiers
66	04-30-91	2-A-8	IIP (3) Tiers
66	04-30-91	2-A-9	IIP (1) Tiers
66	04-30-91	2-A-9	IIP (2) Tiers
66	04-30-91	2-A-9	IIP (3) Tiers
67	07-30-91	2-A-1c	Deposit from Applicants, WWD 1
67	07-30-91	2-A-1c	Deposit from Applicants, WWD 17
67	07-30-91	2-A-1c	Deposit from Applicants, WWD 19
67	07-30-91	2-A-2	Water Rates, WWD 1
67	07-30-91	2-A-8	Water Rates, WWD 17
67	07-30-91	2-A-9	Water Rates, WWD 19
67	07-30-91	2-B-8	Miscellaneous Charges, WWD 1
67	07-30-91	2-B-8c	Miscellaneous Charges, WWD 1
67	07-30-91	2-B-8c	Miscellaneous Charges, WWD 17
67	07-30-91	2-B-8c	Miscellaneous Charges, WWD 19
67	07-30-91	7-C-6	Sewer Service Charges, WWD 1
68	11-26-91	Part 5	Oversizing & Reimbursement Agreements, WWD 1, 16, 17, 19
69	06-30-92	10-C-7	Sewer Service Charges
70	08-11-92	2-A-2b	Commodity Rates, WWD 1
70	08-11-92	2-A-2c	IIP, WWD 1
70	08-04-92	2-A-8b	Commodity Rates, WWD 17
70	08-04-92	2-A-8e	IIP, WWD 17
70	08-04-92	2-A-9b	Commodity Rates, WWD 19
70	08-04-92	2-A-9c	IIP, WWD 19
70	08-11-92	7-C-6	Sewer Service Charge, WWD 1
71	07-06-93	10-C-7	Sewer Service Charges, WWD 16
71	07-06-93	2-A-8d	Commodity Rates, WWD 17
71	07-13-93	2-A-9b	Commodity Rates, WWD 19
71	07-13-93	2-A-2a	Bi-monthly Service Charge, WWD 1
71	07-13-93	2-A-2b	Commodity Rates, WWD 1
71	07-13-93	7-C-6	Bi-monthly Sewer Service Charges
72	04-19-94	1-A-12	Definition of Terms
72	04-19-94	1-H-2a	Service Rules
72	04-19-94	1-H-25e	Service Rules
72	04-19-94	1-H-26a	Service Rules
72	04-19-94	1-H-26b	Service Rules
72	04-19-94	1-H-26g	Service Rules
72	04-19-94	1-H-29a	Service Rules
72	04-19-94	1-H-29b	Service Rules
72	04-19-94	2-A-1a	Rate Schedules & Service Charges
72	04-19-94	2-A-1c	Rate Schedules & Service Charges
72	04-19-94	2-A-1d	Rate Schedules & Service Charges
72	04-19-94	2-A-10	Rate Schedules & Service Charges
72	04-19-94	2-B-5	Water Rates for Misc. Services
72	04-19-94	2-B-8	Water Rates for Misc. Services

72	04-19-94	2-B-8a	Water Rates for Misc. Services
72	04-19-94	7-B-1	Definition of Terms
72	04-19-94	7-C-6.2	Sewer Service Charge
72	04-19-94	7-D-9	Tampering with District Property
72	04-19-94	9-F-1	Annexation Procedures
72	04-19-94	9-F-2	Annexation Procedures
72	04-19-94	10-B-1	Definition of Terms
72	04-19-94	10-F-8	Tampering with District Property
73	07-26-94	2-A-2a	Service Charges, WWD #1
73	07-26-94	2-A-2b	Agricultural Base Rate & Disincentive Rate, WWD #1
73a	10-25-94	2-A-3	WWD #16
73a	10-25-94	3-A-9	WWD #16
74	05-02-95	1-I-6	Improvement Zone, WWD #1
74	05-02-95	3-A-9	Capital Improvement Charge, WWD #1
75	07-25-95	2-A-2a	Bi-Monthly Agricultural Service Charge, (WWD #1)
75	07-25-95	2-A-2b	Commodity Rates, WWD #1
75	07-25-95	2-A-8d	Commodity Rates, WWD #17
75	07-25-95	2-B-8	Miscellaneous Charges
75	07-25-95	2-A-11	Water Allocation Appeals
75	07-25-95	1-H-17	Removal of Meters from Inactive Service Connections
76	01-09-96	2-A-2b (ii)	Commodity Rates (GSP), WWD #1
76	01-09-96	2-A-9b (ii)	Commodity Rates (GSP), WWD #19
77	09-10-96	Part 4	Water Construction Standards
77	09-10-96	Part 11	Sewer Construction Standards
78	11-4-97	Part 6	Operation and Maintenance of Recycled Water Distribution System
79	01-27-98	1-H-2a	Service Rules
79	01-27-98	1-H-26i	Service Rules
79	01-27-98	2-A-1d	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-2c	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-2d	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-3c	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-8e	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-8g	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-9c	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-9e	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-A-3b	Water Use-Domestic, Industrial & Agricultural
79	01-27-98	2-B-3	Water Rates for Misc. Services
79	01-27-98	2-B-5	Water Rates for Misc. Services
79	01-27-98	2-B-8a	Water Rates for Misc. Services
79	01-27-98	3-A	Rates and Charges for Construction Service
79	01-27-98	7-C-6.1	General (WWD #1)
79	01-27-98	7-C-6.2	General (WWD #1)
79	01-27-98	10-C-7.2	General (WWD #16)
80	04-7-98	3-A-9a	Capital Improvement Charge (WWD #1)
81	02-23-99	3-A-9a	Capital Improvement Charge (WWD #1)
82	03-16-99	2-A-8e	Incremental Interruption Level Plan No. 1: Tiered Allocations
83	09-28-99	3-A-2	Installation Charges

83	09-28-99	9-D	Plan Check Fees
83	09-28-99	9-E	Construction Inspection Fees
83	09-28-99	7-C-7	Deleted
83	09-28-99	7-C-8	Deleted
83	09-28-99	7-C-27.1	Deleted
83	09-28-99	10-C-8	Deleted
83	09-28-99	10-C-9	Deleted
83	09-28-99	10-C-10	Deleted
84	11-16-99	2-A-3a, 3b	Water Rates (WWD #16)
85	02-27-01	3-A-9	Capital Improvement Charge (WWD #1)
86	07-10-01	2-A-3a, 3b	Water Rates (WWD #16)
86	07-10-01	2-A-8d	Commodity Rates (WWD #17)
86	07-10-01	2-A-9b	Commodity Rate Lift Charge (WWD #19)
86	07-10-01	10-C-7	Sewer Service Charges (WWD #16)
87	07-17-01	7-C-6	Sewer Service Charges (WWD #1)
88	02-12-02	3-A-9	Capital Improvement Charge (WWD #1)
89	07-2-02	10-C-7	Sewer Service Charge (WWD #16)
90	07-23-02	2-A-3a, 3b	Water Rates (WWD #16)
90	07-23-02	7-C-6	Sewer Service Charges (WWD #1)
91	11-26-02	10-C-6.5	Sewer Connection Fees (WWD #16)
92	01-14-03	2-A-9b	Commodity Rates (WWD #19)
93	06-24-03	10-C-7	Sewer Service Charges (WWD #16)
94	07-15-03	7-C-6	Sewer Service Charges (WWD #1)
95	01-27-04	7-C-5.4	Sewer Connection Fees (SCF)
96	03-1-04	3-A-9	Capital Improvement Charge (WWD #1)
97	06-15-04	2-A-8d	Commodity Rates (WWD #17)
98	06-15-04	1-A-5	Billing Date
98	06-15-04	1-A-5a	Mailing Date (added)
98	06-15-04	1-H-26a	Payment of Water Bills
98	06-15-04	2-A-2a, 2b	Water Rates (WWD #1)
99	06-15-04	7-C-6	Sewer Service Charges (WWD #1)
100	03-1-05	3-A-9	Capital Improvement Charge (WWD #1)
101	04-5-05	2-A-2b	Commodity Rates (WWD #1)
102	07-12-05	2-A-8d	Commodity Rates (WWD #17)
103	07-12-05	2-A-9b	Commodity Rates (WWD #19)
104	07-26-05	10-C-7	Sewer Service Changes (WWD #16)
105	02-28-06	7-C-5	Sewer Connection Fees (SCF)
105	02-28-06	7-C-5.4	Sewer Connection Fees (SCF)
106	02-28-06	3-A-9a	Capital Improvement Charge (WWD #1)
107	06-27-06	2-A-3a	Monthly Service Charge (WWD #16)
107	06-27-06	2-A-3b	Water Rates & Water Service Charge (WWD #16)
108	06-27-06	10-C-7	Sewer Service Charges (WWD #16)
109	07-11-06	2-A-2b	Water Rates (WWD #1)
110	07-18-06	2-A-9b	Water Rate Changes (WWD #19)
112	07-25-06	2-A-8d	Commodity Rates (WWD#17)
113	03-13-06	3-A-9	Capital Improvement Fees (WWD#1)
114	03-13-06	7-C-5	Sewer Connection Fees (SCF)

115	03-13-06	7-C-5.4	Sewer Connection Fees (SCF)
116	07-10-07	10-C-7	Sewer Service Charges (WWD#16)
117	09-11-07	2-A-2b (ii) A	Commodity Rates (WWD#1) AG
118	09-11-07	7-C-6	Sewer Service Charge (WWD#1)
119	09-11-07	2-A-9b	Commodity Rates, Lift Charge (WWD#19)
120	11-20-07	Part 12	Commodity Rates (WWD #17)
122	02-26-08	2-A-1d	Account Reconciliation for AG Customers (WWD#1)
122	02-26-08	2-A-2b, 2d, 2e	Commodity, AG Rates (WWD#1)
123	03-11-08	2-A-9b	Commodity Rates, Lift Charge (WWD #19)
123	03-11-08	2-A-9c, 9d, 9e	Agricultural Rates (WWD# 19)
124	04-22-08	2-A-3a, 3b	Commodity Rates, Monthly Service. Charge (WWD #16)
125	12-16-08	1-H-26f, g, i	Bill Form and Payments (WWD#17)
126	12-16-08	2-A-1c	Deposits (WWD#17)
127	12-16-08	2-A-8d	Commodity Rates (WWD#17)
128	12-16-08	2-A-8e (ii), f, g	Tiered Rates (WWD#17)
129	12-16-08	2-A-8e(iii),8e(iv)f,g	AG Allocations and AG Rates (WWD#17)
130	12-16-08	2-A-8e (v) f, g	Disincentive Rate (WWD#17)
131	12-16-08	2-B-8a, b, c, d	Charges for Personalized Service (WWD#17)
132	12-16-08	2-B-8e, 8f	Payment Arrangements (WWD#17)
133	01-06-09	2-H-25a,b	Reading of Meter and Billing (WWD#1)
134	01-06-09	2-H-26a	Payment of Water Bills (WWD#1)
135	01-06-09	2-H-26f,26g,26i	Delinquent Water Bills (WWD#1)
136	01-06-09	2-A-1a	Minimum Charge for Service (WWD#1)
137	01-06-09	2-A-1c	Deposits (WWD#1)
138	01-06-09	2-A-1d	AG Customers Accounting, Reconciliation (WWD#1)
139	01-06-09	2-A-2b	Commodity Rates (WWD#1)
140	01-06-09	2-A-2c(ii),d(ii),e(ii)	Tier Rates (WWD#1)
141	01-06-09	2-A-2c(iv),d(iv),e(iv)	Industrial, Commercial Other Rates (WWD#1)
142	01-06-09	2-A-2c(vi),2d(vi),2e(vi)	Agricultural Rates (WWD#1)
143	01-06-09	2-B-8a,8b,8c,8d	Personalized Service (WWD#1)
144	01-06-09	2-B-8e,8f	Payment Arrangements (WWD#1)
145	01-13-09	1-H-25a,25b	Meter and Billing (WWD#19)
146	01-13-09	1-H-26a	Payment of Water Bills (WWD#19)
147	01-13-09	1-H26f,g,i	Delinquent Water Bills (WWD#19)
148	01-13-09	2-A-1a	Minimum Service Charge (WWD#19)
149	01-13-09	2-A-1c	Deposits (WWD#19)
150	01-13-09	2-A-1d	AG Accounting, Reconciliation (WWD#19)
151	01-13-09	2-A-9b	Commodity Rates (WWD#19)
152	01-13-09	2-A-2c(ii),d(ii),e(ii)	Tier Rates (WWD#19)
153	01-13-09	2-A-9c(iv),9d(iv)	Industrial, Commercial, Other Rates (WWD #19)
154	01-13-09	2-A-9c(vi)d(vi)3(vi)	Agricultural Rates (WWD#19)
155	01-13-09	2-B-8a,8b,8c,8d	Personalized Service (WWD#19)
156	01-13-09	2-B-8e, 8f	Payment Arrangements (WWD#19)
157	03-24-09	3-A-9	Capital Improvement Charges (WWD#1)
158	03-24-09	7-C-5, 5.4	Sewer Connection Fees (WWD#1)
159	06-16-09	1-H-25a,25b	Meter & Billing (WWD#16)
160	06-16-09	1-H-26a,f,g,i	Water Bills, Delinquent Bills (WWD#16)

161	06-16-09	2-A-3a	Monthly Service Charge (WWD#16)
162	06-16-09	2-A-3b(i)	Commodity Rates
163	06-16-09	2-A-3b(ii)	Agricultural Rates
164	06-16-09	2-A-3c(v),C(II)	Industrial, Commercial, Other, AG Rates (WWD#16)
165			NO CHANGE
166	06-16-09	2-B-8a,b,c,d	Personalized Service (WWD# 1,16,17,19)
167	07-14-09	7-C-6	Sewer Service Charge (WWD#1)
168	07-21-09	10-C-6.5	Sewer Connections Fees (WWD#16)
169	11-10-09	2-A-9b(i),(ii)	Commodity Rates (WWD#19)
170	11-24-09	2-A-8d, (i),(ii),(iii),(iv)	Commodity Rates (WWD#17)
171	12-08-09	1-A-5,1-A-11,11a	Definitions of Terms (WWD # 1,16,17,19)
171	12-08-09	1-A-11b, 11-A-12,12a	Definitions of Terms (WWD # 1,16,17,19)
172	12-08-09	1-B-1	Service Area Maps (WWD# 1,16,17,19)
173	12-08-09	1-E-1	Service to Users Outside the District (WWD# 1,16,17,19)
174	12-08-09	1-H-2a,1-H-4,1-H-6a	Service Rules/ Temporary Water Supply (WWD# 1,16,17,19)
174	12-08-09	1-H-16a,1-H-25a,e	Setting/Reading Meters (WWD# 1,16,17,19)
174	12-08-09	1-H-26a,i,1-H-27e	Payment Water Bills (WWD# 1,16,17,19)
174	12-08-09	1-H-30a	Right of Inspection (WWD# 1,16,17,19)
175	12-08-09	1-I-3	Service to Users Outside the District (WWD#1,16,17,19
175	12-08-09	1-I-6	Improvement Zone (WWD# 1,16,17,19)
175	12-08-09	1-J-1	Local System Construction & Charge (WWD#1,16,17,19)
176	12-08-09	SECTION K	Water Shortages (WWD# 1,16,17,19)
177	12-08-09	SECTION L	Permanent Water Conservation Measures (WWD#1,16,17,19)
178	12-08-09	2-A-1b,c,d,e	Rate Schedules/Service Charges/IIP(WWD#1,16,17,19)
179	12-08-09	2-A-2b,c	Commodity Rates, IIP 1 (WWD# 1)
179	12-08-09	2-A-2c(i)(iv)(v)(vi)	IIP 1, Allocations, AG, Industrial, Commercial, Other (WWD#1)
180	12-08-09	2-A-2d(i)(iii)(iv)(v)(vi)	IIP 2, Allocations, AG, Industrial, Commercial, Other (WWD#1)
181	12-08-09	2-A-2e(i)(iii)(iv)(v)(vi)	IIP 3, Allocations, AG, Industrial, Commercial, Other (WWD#1)
182	12-08-09	2-A-3b(ii)	Commodity Rates, AG (WWD#16)
182	12-08-09	2-A-3c(i)(iii)(iv)(v)	IIP 1, Allocation, AG, Industrial, (WWD#16)
183	12-08-09	2-A-8a	Meter Service Charge (WWD#17)
183	12-08-09	2-A-8e(i)a,b(v)	IIP1, Allocations, Municipal, Industrial, Commercial (WWWD#17)
184	12-08-09	2-A-8f(i)a,b(v)	IIP2, Allocations, Municipal, Industrial, Commercial(WWWD#17)
185	12-08-09	2-A-8g(i)a,b(v)	IIP3, Allocations, Municipal, Industrial, Commercial (WWWD#17)
186	12-08-09	2-A-9a	Meter Service Charge (WWD#19)
186	12-08-09	2-A-9b(ii)a	Commodity Rates, AG (WWD#19)
186	12-08-09	2-A-9c(i)a,b(iv)(v)(vi)b	IIP1, Allocations- AG, Industrial, Municipal (WWD#19)
187	12-08-09	2-A-9d(i)a,b(iv)(v)(vi)b	IIP2, Allocations- AG, Industrial, Municipal (WWD#19)
188	12-08-09	2-A-9e(i)a,b(iv)(v)(vi)b	IIP3, Allocations- AG, Industrial, Municipal (WWD#19)
189	12-08-09	2-A-11	Water Allocation Appeals (WWD#1,16,17,19)
190	12-08-09	2-B-3,4,5,6	Water Rates for Miscellaneous Services (WWD#1,16,17,19)
191	12-08-09	3-A-2	Installation Charges Permanent Meters (WWD#1,16,17,19)
192	12-08-09	5-A-1	Oversizing Agreement (WWD#1,16,17,19)
192	12-08-09	5-B-1	Reimbursement Agreement (WWD#1,16,17,19)
193	12-08-09	6-D-4	Mandatory Service Conditions (WWD#1,16,17,19)
194	12-08-09	7-B-1	Definition of Terms (WWD#1)
194	12-08-09	7-C-6.1	Sewer Service Charges (WWD#1)

194	12-08-09	7-C-6.2	Sewer Service Charges (WWD#1)
194	12-08-09	7-C-10	Treatment of Waste (WWD#1))
194	12-08-09	7-C-20	Easements or Rights of Way (WWD#1)
194	12-08-09	7-C-23	Application for Permit (WWD#1)
194	12-08-09	7-C-27.2	Industrial Waste Testing Fee (WWD#1)
195	12-08-09	7-D-2	Enforcement – Violation (WWD#1)
195	12-08-09	7-D-4	Enforcement – Disconnection (WWD#1)
196	12-08-09	7-E-2,6	Miscellaneous Provisions (WWD#1)
197	12-08-09	9-B-1,4,5,9	Water System Developments (WWD#1,16,17,19)
197	12-08-09	9-B-10,13.2,3	Water System Developments (WWD#1,16,17,19)
197	12-08-09	9-B-14, 14.1	Approval & Acceptance of Plans/Agreements (WWD#1,16,17,19)
198	12-08-09	10-B-1	Definition of Terms (WWD#16)
199	12-08-09	10-C-1,4.5,4.6,7.2.4,11	Sewage Collection, General (WWD#16)
200	12-08-09	10-D-5.11,6,7,7.1,8,9	Public Sewer Use (WWD#16)
201	12-08-09	10-E-1.2,1.3,7	Public Sewer Construction, Application for Permit (WWD#16)
202	12-08-09	10-F-2,4	Enforcement (WWD#16)
203	12-08-09	10-G-2,6,8	Miscellaneous provisions(WWD#16)
204	12-08-09	10-H-2,4,17.1	Enforcement, Sewer Capacities & Sizes (WWD#16)
205	12-08-09	2-A-2b(i)(ii)	Commodity Rates (WWD#1)
206	11-23-10	2-A-8d (i)a,b,c (iii)(iv)	Commodity Rates (WWD#17)
207	12-07-10	2-A-3a, b(i)(ii)	Meter Service Charge, Commodity Rates (WWD#16)
208	02-01-11	2-A-9a,b(i)a,b,c(ii)(iii)	Meter Service Charge, Commodity Rates, Lift Charges (WWD#19)
209	03-22-11	3-A-9(a), 7-C-5	CIC, Water and Sewer Connection Fees (WWD#1)
210	03-22-11	10-C-6.5	Sewer Connection Fees (WWD#16)
211	04-05-11	2-A-2b, 2-A-2c,d,e	Commodity Rates, Allocation adjustments (WWD#1)
212	12-06-11	2-A-9b(i)b,c(ii)a,b	Commodity Rates, IIP, Tier (WWD#19)
213	12-06-11	2-A-9c(ii)(iv)b(vi)b,2-A-9d,e	IIP2,3 (WWD#19)
214	12-13-11	2-A-8d(i)b,c,(iii)(iv)	Commodity Rates (WWD#17)
215	12-13-11	2-A-8d,e,(v)c,f,g	Tier Allocations, IIP2,3 (WWD#17)
216	01-24-12	2-A-1d,e	Accounting, Reconciliation (WWD#1)
217	01-24-12	2-A-2b,(i)b,c (ii)a,b	Commodity Rates/AG (WWD#1)
218	01-24-12	2-A-9c,(i)a(ii)(iv)9d	Allocations/Tier Rates (WWD#1)
219	02-28-12	2-A-1d	Accounting and Reconciliation for AG customers (WWD#16)
220	02-28-12	2-A-3a	Meter Service Charge (WWD#16)
221	02-28-12	2-A-3b	Commodity Rates (WWD#16)
222	02-28-12	2-A-3c, (ii)(iii)(iv)(v)	Tier Allocations/Tier Rates AG Allocations/AG Rates (WWD#16)
222	03-6-12	3-A-9/7-C-5	Capital Improvement Charges/Sewer Connection Fees (WWD#1)
223	6-26-12	10-C-7	Sewer Service Charges (WWD#16)
224	03-6-12	10-C-6.3/6.5	Annual Adjustment Sewer Connection Fees (WWD#16)
225	12-4-12	2-A-1d	Accounting and Reconciliation (WWD#1)
226	12-4-12	2-A-2b(i)a,(ii)a	Commodity Rates M&I/AG (WWD#1)
227	12-4-12	2-A-2c(i),(iii)(iv)(v)(vi)	Allocations, Tier Rates M&I/AG (WWD#1)
228	12-4-12	6-D-5	Recycled Water Rate (WWD#1)
229	12-11-12	1-C-3,1-D-1(g)	Types of Accts. Services/App. for Service (WWD#1,16,17,19)
230	12-11-12	1-H-25 a,b,c	Reading of Meters and Billing (WWD#1,16,17,19)
231	12-11-12	1-H-26 a,f,g,k	Payment of Water Bills (WWD#1,16,17,19)

232	12-11-12	2-A-1c	Deposit from Applicants (WWD#1,16,17,19)
233	01-15-13	2-A-8d	Commodity Rates (WWD#17)
234	12-11-12	2-A-1d	Accounting and Reconciliation,
234	12-11-12	2-A-9b,c	Commodity Rates, Allocation(WWD#19)
235	01-15-13	2-A-8e(I,iii,v,vi)	Monthly Consumption, Allocation, Rates (M&I) (WWD#17)
236	02-26-13	3-A-9	Capital Improvement Charges (WWD#1)
237	02-26-13	7-C-5/5.4	Sewer Connection Fees (R&R)
238	02-26-13	10-C-6.3	Multiple Sewer Connections (WWD#16)
239	02-26-13	10-C-6.5	Sewer Connection Fees (WWD#16)
240	12-10-13	2-A-2b	Commodity Rates (WWD#1)
241	12-10-13	2-A-2c	Allocations Monthly Consumption (WWD#1)
242	10-01-14	7-C-6.1/6.2	Types of Sewer Connection (WWD#1)
243	12-09-14	2-A-2b	Commodity Rates (WWD#1)
244	12-16-14	2-A-8d	Commodity Rates (WWD#17)
245	12-16-14	2-A-9b	Commodity Rates (WWD#19)