CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

1350 South "E" Street San Bernardino, CA 92408 P.O. Box 710, 92402

RULE AND REGULATION NO. 20 APPLICATION FOR WATER AND WASTEWATER BACKBONE INFRASTRUCTURE, RESERVOIRS, PUMP STATIONS, TRANSMISSION MAINS, NEW SOURCES OF SUPPLY, AND/OR SEWERS

1.0 GENERAL CONDITIONS FOR INSTALLATION OF WATER FACILITIES

Any work on Water Department facilities, including, but not limited to the installation of new service connections, water or sewer main, backflow prevention devices and associated appurtenances (water facilities), relocation or removal of existing facilities, not contracted for directly by the Water Department, shall comply with the requirements of this section. All work shall be submitted for review, required fees, and charges paid and approved in writing by the Water Department prior to the time the work is started.

A main extension (water and/or sewer) shall be required whenever useable main is not directly adjacent to the proposed parcel or development requiring water and/or sewer service, or when the adjacent main cannot meet the needs of the proposed development per Rule and Regulation Nos. 13 or 25.

An Applicant who desires to have Water and/or Sewer Improvement Plans reviewed and approved by the Water Department and subsequently enter into a Developer-Installed Agreement shall complete the Application For Developer-Installed Agreement/Water and/or Sewer Plan Review attached as **Exhibit A** and pay all applicable application and plan check fees.

A separate landscape irrigation meter shall be required for all new service connections that serve a parcel containing more than 5,000 square feet of irrigated landscape area for all commercial and industrial developments.

2.0 COMPLIANCE WITH SPECIFICATIONS

Main extensions (water and/or sewer), service connections, sewer laterals, and appurtenances shall be constructed by a contractor properly licensed by the State of California to

conform with all Water Department specifications, standards, and procedures, Ordinances, Rules and Regulations, and Building Codes which are in effect at the time the water and/or sewer plans are received for Water Department approval. In addition to all such specifications, standards, and procedures, Ordinances, Rules and Regulations, and Building Codes, the following requirements shall be met:

- A. All new water facilities shall be disinfected and tested to the satisfaction of the Water Department before connecting the new mains to existing mains.
- B. Connections to existing mains (water or sewer) shall be made by the Water Department, or a contractor contracted by the Water Department, under the supervision of an SBMWD-authorized inspector.
- C. Existing water and/or sewer mains shall not be taken out of service for the purpose of making new connections when other options are feasible. Hot taps are typically feasible for water mains. Live installation of sewer lateral connections is typically feasible for sewer mains. Water and sewer mainsm may only be taken out of service with the specific approval of the Water Department.

3.0 EXTENSIONS OF WATER BACKBONE INFRASTRUCTURE

Extensions of water or sewer backbone infrastructure to developments or lands shall be made by either the Applicant or the Water Department as determined solely by the Water Department, as follows:

A. A Developer-Installed Agreement will be executed by the General Manager prior to or after tract or parcel map recordation.

If a Developer-Installed Agreement is executed prior to map recordation, permanent connection to Water Department facilities will not be allowed until the tentative tract or parcel map is recorded by the County of San Bernardino.

If a Developer-Installed Agreement is executed following map recordation with the County of San Bernardino, conveyance of title of the water facilities and

connection to the Water Department distribution system will be allowed if all Developer-Installed Agreement items are satisfied and the requirements of Section 3.0 of this rule and regulation are satisfied.

- B. If the water or sewer backbone infrastructure is to be made by the Applicant, it shall submit to the Water Department for approval Water and/or Sewer Improvement Plans and Specifications prepared by a qualified professional engineer licensed in the State of California for plan check and approval per the procedures outlined in this Rule and Regulation and standards outlined in the latest Water Department's Design and Construction Standards.
 - If the Water Department requires water and/or sewer facilities to be oversized, the Water Department reserves the right to require the Applicant to submit at least three itemized bids for the work from contractors duly licensed (Class A or C-34) by the State of California, qualified, bondable, and experienced in the type of work involved and acceptable to the Water Department. In the event the Water Department is not satisfied with the bids submitted, it reserves the right to require the plans to be revised and/or modified and then rebid one additional time. When a final bid is accepted by the Water Department, the Developer-Installed Agreement shall be executed by the General Manager subject to the Applicant satisfactorily completing all Developer-Installed Agreement action items.
- If the Water Department elects to make an extension of С. the water and/or sewer backbone infrastructure, either by request of the Applicant or sole discretion of the Water Department, the Water Department will proceed with preparation of engineering plans and construction as expeditiously as its work schedule permits. Prior to issuing the specification for public bidding, the design fees and construction cost estimates for the Developerrequired facility size plus 15 percent will be determined by the Water Department and be required to be deposited by the Applicant with the Water Department prior to advertising the specification for public bidding. The final cost of the work shall be the basis for the determination and calculation of refunds due to the Water Department or Applicant under Section 7.

D. Connections to Water Department water and/or sewer mains shall conform to the latest applicable SBMWD Standard Drawing.

4.0 ADMINISTRATIVE FEES FOR WATER OR SEWER BACKBONE INFRASTRUCTURE REQUESTS

The Applicant who desires a Developer-Installed Agreement with the Water Department pursuant to Section 2.0 shall pay the following fees and expenses that are due and payable prior to execution of the agreement:

- A. Applicable application fee noted on the Application for Developer-Installed Agreement/Water and/or Sewer Plan Review Technical Information form attached as **Exhibit A**.
- B. An engineering evaluation fee of one thousand dollars (\$1,000.00) for costs incurred by Water Department for research necessary for water and/or sewer backbone infrastructure extensions.
- C. A plan check fee of \$1.00 per linear foot of water and/or sewer main extension, if Water Department personnel perform the plan check. If the plan check is performed by a Water Department contracted professional consultant at the discretion of the Water Department, Applicant shall be responsible to pay for all costs and expenses incurred by the Water Department including the consultant's plan checking fee. Applicant shall be required to pay the plan check fee associated with the contracted consultant prior to beginning the plan check.
- Construction inspection D. fee for water backbone infrastructure by the Water Department professional construction inspection retained by the Water Department on an as-needed basis will be required prior to inspection of a project. Applicant shall be responsible to pay all costs and expenses incurred by the Water Department including any inspection consultant's fees. Applicant shall to pay the estimated inspection required costs associated with the contracted consultant prior to beginning inspections.
- E. All fees associated with Department connection of developer-installed main extensions and removal of

temporary water service connections with installation of fire hydrants pursuant to the latest SBMWD Standard Drawing shall be paid by the Developer.

- The deferment of capacity charges only apply F. developer-installed agreements for residential housing tracts (not industrial, commercial, or public entity main extensions). The industrial, commercial, or public entity shall pay all capacity charges prior to receiving an executed Developer-Installed Agreement. The Water Department will not allow beneficial use of any water, sewer collection, or sewer treatment service until all fees including capacity charges are paid in full. There may be ana exception if if the Applicant for a residential housing tract indicates at the time of application the defer capacity charges. Under to circumstances, a Payment Bond shall be posted with the SBMWD as the beneficiary in the amount of 25 percent of the project's capacity charges and be included in the developer-installed agreement. This bond is to remain in place until all capacity charges are paid in full.
- G. All fees listed above including any additional fees documented in the Cost Letter or Cost Invoice shall be paid in full prior to executing a Developer-Installed Agreement.

5.0 COST OF WATER OR SEWER BACKBONE INFRASTRUCTURE TO BE INITIALLY ADVANCED BY APPLICANT

The cost of all water and/or sewer backbone infrastructure shall be advanced by the Applicant requesting the infrastructure if the Applicant constructs the water backbone infrastructure or Applicant agrees to allow the Water Department to install the water infrastructure as outlined in Section 3.0, paragraph C of this Rule and Regulation. The Water Department will enter into a Water and/or Sewer Facility Oversizing Agreement that will provide for repayment to the cost of any oversized portion of the water and/or sewer backbone infrastructure lying between the original point of supply and the Applicant's property. Payment for oversized facilities will be as determined according to the provisions of Section 7.

Any oversizing costs that are the responsibility of the Water Department must be based upon an oversizing prorated

percentage or estimated oversizing cost for each oversized water facility prior to construction and outlined in the Water Facility Oversizing Agreement approved by the Department and the Water Board. The Water and/or Sewer Facility Oversizing Agreement shall define the boundaries of the proposed special oversizing area; the type, extent and route of the water and/or sewer infrastructure to be constructed; and the methods for calculation of the actual oversizing costs to be collected and refunded to Applicants who advance the construction costs.

6.0 AMOUNT OF APPLICANT ADVANCE

For extensions made by the Applicant, it shall be the amount of the actual cost of the work. For extensions made by the Water Department on behalf of the Applicant, it shall be the amount of the deposit made by the Applicant as defined in Section 3.0, paragraph C. .The final cost of the work shall be the basis for the determination and calculation of the frontage fee due by other Applicants making connection to said extension per Section 7.0 of this rule and regulation.

7.0 REFUND PROCEDURE

Payment of a refund under a Developer-Installed Agreement for oversized water and/or sewer backbone infrastructure shall be submitted in writing, accompanied by all other documentation as required by the Water Department, to the General Manager within ninety (90) days of the execution of the Conveyance Agreement transferring title of the infrastructure to the Water Department. Refunds as allocated thereto to an Applicant will only be made for oversized water and/or sewer backbone infrastructure systems and facilities that service areas not only of the Applicant, but areas of others as well, and as previously approved by the Board.

- A. Final costs that are eligible for frontage fee are as follows:
 - (1) Actual labor, material, equipment, and tools construction costs (including administration and safety and traffic control measures).

Documentation must be submitted to the Water Department specifically itemizing the above costs

if Applicant installs the water or sewer facilities under a Developer-Installed Agreement.

B. Frontage Charge for Water and/or Sewer Service from Water Department Financed Water and/or Sewer Main Extensions:

All Applicants for water and/or sewer service from a water or sewer main installed and financed by the Water Department on or after June 1, 1977, where no mains were previously in service, shall pay all applicable charges and fees for water and/or sewer service and one-half (1/2) of the per lineal foot charge in effect at the time of construction for water and/or sewer service as described in Section 3.0, paragraph C for all parcel footage adjacent to and requesting water and/or sewer service. Should the applicant request water or sewer service for a parcel adjacent to both sides of the Water Department financed water or sewer main, the applicant shall pay the full per lineal foot charge as described in Section 3.0.

C. Frontage Charge for Water and/or Sewer Service From Applicant Financed Water Main Extensions:

Refunds will be made from fees collected from other Applicants or the Water Department whose properties are served by the water and/or sewer backbone infrastructure system or facility and shall be paid to the Applicant semi--annually.

The Water Department will implement a provision that over a period of ten (10) years from the date conveyance of the water and/or sewer infrastructure to the Water Department, the Water Department will refund semi-annually to the Applicant, or his assignee, the water and/or sewer main frontage charges that are collected from other Applicants requiring service from the Applicant's water and/or sewer main extension paid for by the Applicant. Any balance remaining on deposit at the expiration of said ten-year period shall become the property of the Water Department.

(1) This provision for collection and refund will apply when a new Applicant requests permission to connect to the facilities providing service from the water and/or sewer backbone infrastructure covered in the

Developer--Installed Agreement for facilities installed and financed by a previous Applicant, where no facilities were previously in service.

D. Refund Deductions For Defects:

In the event any expense is incurred by the Water Department due to defective materials or workmanship on any backbone infrastructure work installed by the Applicant, within a period of one (1) year after conveyance to the Water Department, the amount of expense shall be deducted from any refunds that may become due to Applicant thereafter.

8.0 CONSTRUCTION TO CONFORM TO WATER DEPARTMENT STANDARD SPECIFICATIONS

All systems and facilities to be constructed shall conform to the Water Standard Specifications and Drawings for Construction of Domestic Water Systems or the Sewer Collection Standard Specifications and Drawings for Construction of Sanitary Sewer Systems, approved by the Director of Water Utility, Director of Water Reclamation, and Engineering Manager, latest edition.

Approved by Water Board: July 25, 2021

Effective: October 15, 2021

Supersedes: April 1, 2020

SAN BERDY ED.

EXHIBIT A RULE AND REGULATION NO. 20

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT APPLICATION FOR DEVELOPER-INSTALLED AGREEMENT/WATER PLAN REVIEW TECHNICAL INFORMATION

SBMWD USE ONLY				
EPN #:				
Project #: WF				
Entered By:_				
Date:				
Assigned to:				

Please allow 3 to 4 weeks for Response to Application for Developer-Installed

This is the application for water plan review by the San Bernardino Municipal Water Department and **must** accompany the plan submittal along with the required application fee. Provide accurate and complete information as requested. **DO NOT LEAVE ANY ITEM BLANK.** Inaccurate or incomplete applications will not be accepted and will cause delay in the review process.

					Date:	
PROJE	CT TITLE & L	OCATION:				
PROJE	CT INFORMA	TION:				
Utility to	o be Improved:	Water □	Sewer			
Numbe Ft.	r of Lots/Units:		Gross Acres:		Irrigated Landscape A	rea: Sq.
Numbe	r of Services: _			Meters \square	Master Metered	
Is this p	property served	l by a well or oth (If yes, is well t	er source of water? o be abandoned?)	☐ Yes ☐ Yes		
Comme	ercial 🗆	Industrial □	Residential	Other □		
(If App	licable)	APPLICATION IN				
				Total S (Lar	quare Feet: gest building or area separa	ted by 4-hour firewall)
		t:				
Constru	uction Type Pe	r Uniform Buildin	g Code, Table 6-A:			
Water S	Supply Assessi	ment Required:	☐ Yes ☐ No	(Water Cod	e 10910)	
FIRE F	LOW DATA:					
TOTAL	. FIRE FLOW F	REQUIREMENT	<u>s:</u>	GPM	DURATION:	(HOURS)
Tot in a	tal fire flow requireccordance with	rements are based the UBC Table 6A	on the building size of & UFC Table III-A-A.	r largest area l (Consult with	between 4-hour fire walls an Fire Department having juris	d the type of construction diction)
ONSITI	E FIRE FLOW	REQUIREMENT	S: (To be provided	d by the DC	DA's or FIRE SERVICE I	METERS)
A.	Onsite fire hy	/drant requireme	nts =		GPM	
В.	Building fire	sprinkler requirer	ment s =		GPM	
C.	Onsite fire pu	ump for sprinkler	s required: Yes	s □ No		
	If Yes: R	Rated capacity of	the fire pump =		GPM x 150% =	GPM
			required, test flow require Consult with Fire Departm			
D.	Onsite fire flo (The highe	ow = er of item A, B, o	_GPM r C)			
FOR SI	BMWD USE O	NLY				
	AULIC ANALY					
Is a hvo	draulic analvsis	required in acco	ordance with the De	sign and Cor	nstruction Standards Sec	tion 2:
∐ No	☐ Yes (İf ye	es, date submitte	d)		

EXHIBIT A RULE AND REGULATION NO. 20

SBMWD USE ONLY					
Project #:	WF	-			

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT APPLICATION FOR DEVELOPER-INSTALLED AGREEMENT/WATER PLAN REVIEW TECHNICAL INFORMATION (continued)

ENGINEERING	FIRM INFORMATION:			
Engineering Firm	1:Print Name	Address	State	Zip
Contact Person:				
	Print Name		Phone	
,	SIGNATURE OF REGIST	ERED PROFESSIONAL ENGINEER	R (CALIFORNIA PE#)
	PRINT NAME OF PROFE	SSIONAL ENGINEER	· · · · · · · · · · · · · · · · · · ·	



EXHIBIT A - RULE AND REGULATION NO. 20

<u>s</u>	<u>BMWD L</u>	ISE ONLY	
Project #:	WF		

SAN BERNARDINO MUNICIPAL WATER DEPARTMENT DEVELOPER/PROPERTY OWNER APPLICATION FOR DEVELOPER-INSTALLED AGREEMENT/ WATER PLAN REVIEW

This completed form is required for water plan review by the San Bernardino Municipal Water Department and must accompany the plan submittal along with the Technical Application and required application fee. Do not leave any item blank. A space for additional information or explanations is provided on the reverse side of this form.

SECTION 1 - PROJECT INFORMATION Enter title as shown on the water plan. List all parcel numbers involved in the development. Indicate the type of project being developed using the codes on the reverse side.						
Project Title & Location:						
Assessor's Parcel Numbers:						
Type of Development Land Use Codes: Use code from reverse side (From latest City of San Bernardino Gen	eral Plan)					
SECTION 1 - PROJECT INFORMATION CHECK IF SUBMITTING REVISED INFORMATION Provide information on individual or entity responsible for development of project. Do not list contractor or Construction Company hired to perform work. Any refunds due on project will be returned to the Developer. If Developer will change prior to project approval, please check here and provide that information in the explanations area on reverse side of this form.						
Developer Name:	Tax ID	#				
Developer Address:Number/Street			····			
		State	Zip Code			
Telephone: Contact N	ame:					
Type of Organization: ☐ INDIVIDUAL ☐ CORPORATION ☐ PARTNERSHIP Name and title of persons authorized to bind the organization an			/ERNMENT			
(NAME)	(TITLE)					
(NAME)	(TITLE)					
(IVAIVIE)	(***==/					
SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently tra	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, o	, and the second			
SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transported to the property Owner Name:	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, o				
SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transported to the property Owner Name: Property Owner Address:	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed. _T	process of transfer, of	or will be transferring in the near			
SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transport of the Property Owner Name: Property Owner Address: Number/Street	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, of ax ID#	zip Code			
SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transport of the Property Owner Name: Property Owner Address: Number/Street	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, of fax ID#State	Zip Code			
SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transported by the Property Owner Name: Property Owner Address: Number/Street Telephone: Type of Organization: INDIVIDUAL CORPORATION PARTNERSHIP	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, of fax ID#State	Zip Code			
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SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transported by the Property Owner Name: Property Owner Address: Number/Street Telephone: Type of Organization: INDIVIDUAL CORPORATION PARTNERSHIP LINDIVIDUAL CORPORATION PARTNERSHIP LINDIVIDUAL Name and title of persons authorized to bind the organization and (NAME)	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, of fax ID#State State C)	Zip Code AENT			
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SECTION 3 - PROPERTY OWNER INFORMATION Property owner as recorded with the San Bernardino County Assessor's future, provide explanation on reverse side of form. If property recently transported by the property Owner Name: Property Owner Name: Property Owner Address: Number/Street Telephone: Type of Organization: INDIVIDUAL CORPORATION PARTNERSHIP Lie Name and title of persons authorized to bind the organization and (NAME) (NAME) Acknowledgement: The information listed on this form will be used to prepare the Dedocuments. Projects may be delayed or rejected if the information	CHECK IF SUBI Office. If property ownership is in the ansferred, provide copy of the deed.	process of transfer, of fax ID#State State C)	Zip Code AENT			

Explanations:			

LAND USE CODES

RESIDENTIAL

RE = Residential Estate

RL = Residential Low

RL-3.5 = Residential Low

RS = Residential Suburban

RU = Residential Urban

RM = Residential Medium

RMH-20 = Residential Medium High/20

RMH = Residential Medium High

RH = Residential High

COMMERCIAL

CO = Commercial Office

CG-1 = Commercial General

CG-2 = Commercial General-2

CG-3 = Commercial General-3

CCS-1 = Central City South-1

UBP-2 = University Business Park-2

UBP-3 = University Business Park-3

CR-1 = Commercial Regional-1, Regional Malls

CR-2 = Commercial Regional-2, Downtown

CR-3 = Commercial Regional-3, Tri-City Commercial

CR-4 = Commercial Regional-4, Auto Plaza

CH = Commercial Heavy

INDUSTRIAL

OIP = Office Industrial Park

IL = Industrial Light

IH = Industrial Heavy

IE = Industrial Extractive

UBP-1 = University Business Park-1

CCS-2 = Central City South-2

PUBLIC/QUASI-PUBLIC

PFC = Publicly Owned Flood Control

PF = Public Facilities

RR = Railroad

OPEN SPACE

PP = Public Parks

OS = Open Space

PCR = Public/Commercial Recreation

NONREFUNDABLE DEVELOPER-INSTALLED APPLICATION FEE: \$750.00