

PROJECT NUMBER _____
(District use only)

**LAS VEGAS VALLEY WATER DISTRICT
APPLICATION FOR WATER PLAN REVIEW
TECHNICAL INFORMATION**

This is the application for water plan review by the Las Vegas Valley Water District 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: _____

PROJECT TITLE: _____

PROJECT INFORMATION:

Number of lots/units: _____ Gross Acres: _____

Number of services: _____ Individual meters Master metered

Is this property served by a well or other source of water? Yes No
(If yes, is well to be abandoned?) Yes No

BUILDING PERMIT APPLICATION INFORMATION (If Applicable):

Clark County PAC #: _____ City Plan Review #: _____

Number of buildings: _____ Total square feet: _____

Tallest Building Height: _____

(Largest building or area separated by 4-hour firewall)

Construction type per Uniform Building Code, Table 6-A : _____ - OR -

International Building Code, Table 601: _____ (See back of page for tables)

FIRE FLOW DATA:

TOTAL FIRE FLOW REQUIREMENTS: _____ GPM

Total fire flow requirements are based on the building size or largest area between 4-hour fire walls and the type of construction in accordance with the UBC Table 6A & UFC Table III-A-A.
(Consult the Fire Department having jurisdiction)

ONSITE FIRE FLOW REQUIREMENTS: (to be provided by the DCDA's or FIRE SERVICE METERS)

A. Onsite fire hydrant requirements = _____ GPM

B. Building fire sprinkler requirement = _____ GPM

C. Onsite fire pump for sprinklers required: Yes No

If Yes: Rated capacity of the fire pump = _____ GPM X 150% = _____ GPM

NOTE: If onsite fire pumps are required, test flow requirements are normally

150% of pump rated capacity. (Consult with Agency having jurisdiction)

D. Onsite fire flow = _____ GPM (The higher of the values shown in A, B, or C)

HYDRAULIC ANALYSIS

Is a hydraulic analysis required in accordance with the Uniform Design and Construction Standards (UDACS) Section 2.03, Page 2-4: No Yes (If yes, date submitted _____)

DEVELOPER POINT OF CONTACT OR PROJECT MANAGER

Firm: _____

PRINT NAME ADDRESS STATE ZIP

Contact Person: _____

PRINT NAME ADDRESS STATE ZIP

ENGINEERING FIRM INFORMATION:

Engineering Firm: _____

PRINT NAME ADDRESS STATE ZIP

Contact Person: _____

PRINT NAME PHONE

E-Mail Address: _____

SIGNATURE OF REGISTERED PROFESSIONAL ENGINEER (NEVADA PE# _____)

PRINT NAME OF PROFESSIONAL ENGINEER

FIRE AREA (square feet)					FIRE FLOW (Gallons per minute) ²	FLOW DURATION (hours)
X 0.0929 for m2						
IBC - I-A IBC - I-B	IBC - II-A IBC - III-A	IBC - V-A IBC - IV H.T.	IBC - II-B IBC - III-B	IBC - V-B		
UBC - Type I-F.R. UBC - II-F.R. ¹	UBC - Type II One-HR. UBC - III One-HR. ¹	UBC - Type IV-H.T. UBC - V-One-HR. ¹	UBC - Type II-N UBC - III-N ¹	UBC - Type V-N ¹	x.3.785 for L/min.	
0-22,700	0-12,700	0-8,200	0-5,900	0-3,600	1,500	2
22,701-30,200	12,701-17,000	8,201-10,900	5,901-7,900	3,601-4,800	1,750	
30,201-38,700	17,001-21,800	10,901-12,900	7,901-9,800	4,801-6,200	2,000	
38,701-48,300	21,801-24,200	12,901-17,400	9,801-12,600	6,201-7,700	2,250	
48,301-59,000	24,201-33,200	17,401-21,300	12,601-15,400	7,701-9,400	2,500	
59,001-70,900	33,201-39,700	21,301-25,500	15,401-18,400	9,401-11,300	2,750	
70,901-83,700	39,701-47,100	25,501-30,100	18,401-21,800	11,301-13,400	3,000	3
83,701-97,700	47,101-54,900	30,101-35,200	21,801-25,900	13,401-15,600	3,250	
97,701-112,700	54,901-63,400	35,201-40,600	25,901-29,300	15,601-18,000	3,500	
112,701-128,700	63,401-72,400	40,601-46,400	29,301-33,500	18,001-20,600	3,750	4
128,701-145,900	72,401-82,100	46,401-52,500	33,501-37,900	20,601-23,300	4,000	
145,901-164,200	82,101-92,400	52,501-59,100	37,901-42,700	23,301-26,300	4,250	
164,201-183,400	92,401-103,100	59,101-66,000	42,701-47,700	26,301-29,300	4,500	
183,401-203,700	103,101-114,600	66,001-73,300	47,701-53,000	29,301-32,600	4,750	
203,701-225,200	114,601-126,700	73,301-81,100	53,001-58,600	32,601-36,000	5,000	
225,201-247,700	126,701-139,400	81,101-89,200	58,601-65,400	36,001-39,600	5,250	
247,701-271,200	139,401-152,600	89,201-97,700	65,401-70,600	39,601-43,400	5,500	
271,201-295,900	152,601-166,500	97,701-106,500	70,601-77,000	43,401-47,400	5,750	
295,901-Greater	166,501-Greater	106,501-115,800	77,001-83,700	47,401-51,500	6,000	
"	"	115,801-125,500	83,701-90,600	51,501-55,700	6,250	
"	"	125,501-135,500	90,601-97,900	55,701-60,200	6,500	
"	"	135,501-145,800	97,901-106,800	60,201-64,800	6,750	
"	"	145,801-156,700	106,801-113,200	64,801-69,600	7,000	
"	"	156,701-167,900	113,201-121,300	69,601-74,600	7,250	
"	"	167,901-179,400	121,301-129,600	74,601-79,800	7,500	
"	"	179,401-191,400	129,601-138,300	79,801-85,100	7,750	
"	"	191,401-Greater	138,301-Greater	85,101-Greater	8,000	

¹Types of construction are based upon the Building Code.

²Measured at 20 psi (137.9 kPa). See Appendix III-A, Section 2.

Explanations: _____

LAND USE CODES

100 - 199 = RESIDENTIAL

- 110 = Single Family Residence
- 120 = Duplex
- 130 = Triplex
- 140 = Fourplex
- 150 = Apartments
- 160 = Townhouses & other P.U.D.'s
- 170 = Condominium
- 180 = Mobile Home Parks
- 185 = Trailer Estates
- 188 = Mobile Homes
- 195 = Common Area
- 199 = Other

300 - 399 = COMMERCIAL

- 310 = Hotels-Class 1 Resort
- 311 = Hotels-Class 2
- 312 = Hotels-Class 3
- 320 = Deluxe Motels
- 321 = Motels
- 325 = Casinos
- 330 = General Services
- 335 = Professional & Business Services-All
- 338 = Financial
- 340 = Entertainment
- 345 = Recreational
- 350 = Regional Shopping Centers
- 355 = Neighborhood Shopping Centers
- 358 = Retail Stores and Shops
- 359 = Miscellaneous Wholesale and Retail Sales
- 360 = Restaurants and Cocktail Lounges
- 365 = Food & Beverage Business
- 370 = Automotive
- 375 = Service Stations
- 378 = Building and Construction
- 380 = Recreational Vehicle Parks
- 385 = Commercial Condominiums
- 399 = Other

200 - 299 = INDUSTRIAL

- 210 = Manufacturing
- 220 = Mining (minerals, ore)
- 221 = Mining (stone, gravel, sand)
- 230 = Heavy Equipment
- 240 = Storage Facilities
- 250 = Mini-warehouse
- 260 = Industrial Condominiums

400 - 499 = NON-PROFIT COMMUNITY FACILITIES

- 410 = Schools
- 420 = Religious
- 430 = Library and Museums
- 440 = Parks
- 450 = Labor, Fraternal, and Social Organizations
- 460 = Governmental Facilities
- 470 = Non-Profit Entertainment and Recreational Facilities

500 - 599 = AGRICULTURE, RANCHING, WILDLIFE & NATURAL RESOURCES

- 510 = Agriculture
- 520 = Ranching
- 530 = Wildlife

600 - 699 = TRANSPORTATION, COMMUNICATION & UTILITIES

- 610 = Communication
- 620 = Transportation
- 630 = Utilities

700 - 799 = MINOR IMPROVEMENT

- 710 = Used for most minor improvements
- 720 = Salvage Value
- 730 = Minor commercial improvement

NON-REFUNDABLE WATER SERVICE APPLICATION FEE

METER SIZE	APPLICATION FEE PER METER SIZE
5/8"	140.00
3/4"	210.00
1"	350.00
1½"	700.00
2"	1,120.00
3"	2,100.00
4"	3,500.00
6"	7,000.00
8"	11,200.00
10"	16,100.00
12"	23,800.00
Public Fire Hydrants Only	500.00
Firelines Only	750.00