

DRAINAGE FIXTURE UNIT CALCULATIONS

Based on Table 702.1, OSPC

Existing Single-Family-Residence DFUs

Fixture	No. of Fixtures	DFU/Fixture	Total DFUs
Kitchen Sink	1	2	2
Lavatory	1	1	1
Dishwasher	1	2	2
Clothes Washer	1	3	3
Toilet	1	3	3
Shower/Bath	1	2	2
Existing Residence DFU Subtotal			13
Number of Residences			3
		Total	39

Existing Veterinary Clinic DFUs

Fixture	No. of Fixtures	DFU/Fixture	Total DFUs
Lavatory	4	1	4
Water Closet	4	4	16
Sink, Janitor	1	3	3
Lab Sink	2	1	2
Wet Table	3	2	6
Scrub Sink	1	1	1
Flushing Rim Floor Drain	1	6	6
Lounge Sink	1	1	1
Feed Sink	1	2	2
Bathing Tub	1	2	2
Dishwasher	2	2	4
Clothes Washer	1	3	3
Floor Drain	1	2	2
		Total	52

Proposed Veterinary Clinic DFUs

Fixture	No. of Fixtures	DFU/Fixture	Total DFUs
Lavatory	5	1	5
Water Closet	5	4	20
Sink, Janitor	1	3	3
Lab Sink	3	1	3
Wet Table	7	2	14
Scrub Sink	2	1	2
Flushing Rim Floor Drain	2	6	12
Lounge Sink	1	1	1
Feed Sink	1	2	2
Exam Room Sink	2	1	2
Bathing Tub	1	2	2

Dishwasher	1	2	2
Clothes Washer	1	3	3
Floor Drain	3	2	6
		Total	77

Project Summary		
Existing Drainage Fixture Usage		91
Proposed Drainage Fixture Usage		77
Net Change in DFUs		-14

WATER SERVICE FIXTURE UNIT ESTIMATE

Based on Table 610.3, OSPC

Proposed Veterinary Clinic WSFUs

Fixture	No. of Fixtures	DFU/Fixture	Total DFUs
Lavatory	5	1	5
Water Closet	5	2.5	12.5
Sink, Janitor	1	3	3
Lab Sink	3	2	6
Wet Table	7	2	14
Scrub Sink	2	3	6
Flushing Rim Floor Drain	2	8	16
Lounge Sink	1	1.5	1.5
Feed Sink	1	2	2
Exam Room Sink	2	1	2
Bathing Tub	1	4	4
Dishwasher	1	1.5	1.5
Clothes Washer	1	4	4
Hose Bibb, Interior	1	2.5	2.5
Hose Bibb, Exterior (initial)	1	2.5	2.5
Hose Bibb, Exterior	3	1	3
Floor Drain	3	2	6
Refrigerator	1	0.5	0.5
Coffee Machine	1	0.5	0.5
		Total	92.5