APPENDIX I

PROJECT WATER CALCULATIONS

TOTAL NECESSARY WATER ALLOCATION
South of Tioga - Residential and Commercial Summary

RESIDENTIAL CREDIT SUMMARY:	
884 Afton Ave.	0.088 AF
825 California Ave.	0.088 AF
853 Afton Ave.	0.088 AF
852 Tioga Ave.	0.088 AF
803 California Ave.	0.088 AF
1795 California Ave.	0.068 AF
860 Tioga Ave.	0.068 AF
Total Residential Water Credit	**0.508 AF**

NOTES:

1) 860 Tioga Avenue not included with DBO estimates.
2) 836 Afton & 773 Fir not included with DBO estimates.
3) 836 Afton & 773 Fir not under DBO ownership.
4) Sq.ft. of DBO commercial properties based on DBO provided data.
5) All residential presumed to be 1-bathroom units.
6) All but two residential addresses have washing machines.
7) Unknown if 860 Tioga has a washing machine. Credit estimates no W.M.
8) 840 & 842 Fir Avenue - Cannery Credit expired. Amount based on Group 1 square footage only.
9) 836 Afton & 873 Fir sq.ft. based on City use permit files

COMMERCIAL CREDIT SUMMARY:	
808 Tioga Ave.	0.166 AF
856 Tioga Ave.	0.167 AF
840 Tioga Ave.	0.361 AF
880 Tioga Ave.	0.666 AF
872 Afton Ave.	0.045 AF
1830 California Ave.	0.113 AF
857 & 865 Fir Ave.	0.456 AF
877 Fir Ave.	0.083 AF
841 Fir Ave.	1.052 AF
1857 East Ave.	0.095 AF
1855 East Ave.	0.735 AF
1831 East Ave.	0.591 AF
1795 California Ave.	0.195 AF
840 & 872 (842?) Fir Ave.	1.763 AF
836 Afton Ave. (Note: Not owned by DBO)	0.117 AF
873 Fir Ave. (Note: Not owned by DBO)	0.070 AF
Total Commercial Water Credit	**6.489 AF**

Total Res & Comm Credit	**6.997 AF**

TOTAL NECESSARY WATER ALLOCATION
South of Tioga - City Staff Estimate

CREDIT:

Existing Residential On-Site Credit	0.508
Existing Commercial On-Site Credit	6.489
Total On-Site Credit	**6.997**

NEW DEMAND:

			# of Apts.	Total
Hotel 1 (135 rooms + 800sf pool + spa)	16.024			
Hotel 2 (81 rooms + 600sf pool)	9.991			
R1 Water Demand Studio/1Bath	0.068	per apt.	6	0.408
R1 Water Demand 1 BR/1Bath	0.068	per apt.	52	3.536
R1 Water Demend 2 BR/2Bath	0.111	per apt.	42	4.662
R2 Water Demand Studio/1Bath	0.068	per apt.	47	3.196
R2 Water Demand 1 BR/1Bath	0.068	per apt.	178	12.104
R2 Water Demend 2 BR/2Bath	0.111	per apt.	95	10.545
New Residential Swimming Pools	0.053	Total		
R1 Amenities (leasing, lobby, etc.)	0.488			
R2 Amenities (leasing, lobby, etc.)	1.096			
Restaurant (est. 2,000 sf seating area) [1]	3.200			
Hotel 1 Landscaping *[2]	0.370			
Hotel 2 Landscaping *[2]	0.370			
R1 Landscaping *[2]	0.370			
R2 Landscaping *[2]	0.370			
Common Area Landscaping *[2]	0.370			
Total New Water Demand	**67.153**			

* NOTES:

[1] Restaurant calculation based on number estimate of seats for a 2,000 sq.ft. seating area accommodating 40 tables (4 seats / table). Table estimate based on City parking requirement of 40 spaces.

[2] Landscaping amounts provided by applicant. Staff cannot calculate without a final landscape plan.

Allocation needed for Project	**60.156**

New Commercial Water
Hotel 1 Water Estimate

	ITEM	Sq.Ft.		FACTOR		ACRE-FEET
GROUP I - Low to Moderate Use	Amenity,lobby,leasing (sf)	9,632	x	0.00007	=	0.67424
	Service (sf)	9,305	x	0.00007	=	0.65135
	Circulation (sf)	14,126	x	0.00007	=	0.98882

		Sq.Ft.		FACTOR		ACRE-FEET
GROUP II - High Use	square footage (floor area)	0	x	0.0002	=	0

GROUP III - Miscellaneous	ITEM	#		FACTOR	UNIT		ACRE-FEET
Assisting Living (more than 6 beds)	# of beds	0	x	0.085	per bed	=	0
Beauty Shop / Dog Grooming	# of stations	0	x	0.0567	AF/station	=	0
Child Care	# of children	0	x	0.0072	AF/child	=	0
Dormatory	# of rooms	0	x	0.04	AF/room	=	0
Gas Station	# of gas pumps	0	x	0.0913	AF/pump	=	0
Laundromat	# of wash machines	0	x	0.2	AF/machine	=	0
Meeting Hall	square footage	0	x	0.00053	AF/sq.ft.	=	0
Motel/Hotel/Bed & Breakfast	# of rooms	135	x	0.1	AF/room	=	13.5
rooms w/ large tubs (add to room factor)	# of large bathtubs	0	x	0.03	AF/tub	=	0
							13.5
Plant Nursery	Square Footage	0	x	0.00009	AF/sf total land	=	0
Public Toilets	# of toilets	0	x	0.058	AF/toilet	=	0
Public Urinals	# of urinals	0	x	0.036	AF/urinal	=	0
Zero Water consumptino Urinal(s)	# of urinals	0	x	0	n/a	=	0
Restaurant (general/bar)	# of seats	0	x	0.02	AF/seat	=	0
Restaurant (24-hour / Fast Food)	# of seats	0	x	0.038	AF/seat	=	0
Self-Storage	# of storage units	0	x	0.0008	AF/storage unit	=	0
Skilled Nursing	# of beds	0	x	0.12	AF/bed	=	0
Spa	# of spas	1	x	0.05	AF/spa	=	0.05
Swimming Pool	pool surface area	800	x	0.02	AF/100 sf surface area	=	0.16
Theater	# of seats	0	x	0.0012	AF/seat	=	0
							0.21

	TOTAL H1	16.02441

New Commercial Water
Hotel 1 Water Estimate

New Commercial Water
Hotel 1 Water Estimate

New Commercial Water
Hotel 1 Water Estimate

New Commercial Water
Hotel 2 Water Estimate

	ITEM	Sq.Ft.		FACTOR			ACRE-FEET
GROUP I - Low to Moderate Use	Amenity,lobby,leasing (sf)	8,745	x	0.00007		=	0.61215
	Service (sf)	7,941	x	0.00007		=	0.55587
	Circulation (sf)	8,608	x	0.00007		=	0.60256
GROUP II - High Use	square footage (floor area)	0	x	0.0002		=	0

	ITEM	#		FACTOR	UNIT		ACRE-FEET
GROUP III - Miscellaneous							
Assisting Living (more than 6 beds)	# of beds	0	x	0.085	per bed	=	0
Beauty Shop / Dog Grooming	# of stations	0	x	0.0567	AF/station	=	0
Child Care	# of children	0	x	0.0072	AF/child	=	0
Dormatory	# of rooms	0	x	0.04	AF/room	=	0
Gas Station	# of gas pumps	0	x	0.0913	AF/pump	=	0
Laundromat	# of wash machines	0	x	0.2	AF/machine	=	0
Meeting Hall	square footage	0	x	0.00053	AF/sq.ft.	=	0
Motel/Hotel/Bed & Breakfast	# of rooms	81	x	0.1	AF/room	=	8.1
rooms w/ large tubs (add to room factor)	# of large bathtubs	0	x	0.03	AF/tub	=	0
							8.1
Plant Nursery	Square Footage	0	x	0.00009	AF/sf total land	=	0
Public Toilets	# of toilets	0	x	0.058	AF/toilet	=	0
Public Urinals	# of urinals	0	x	0.036	AF/urinal	=	0
Zero Water consumptino Urinal(s)	# of urinals	0	x	0	n/a	=	0
Restaurant (general/bar)	# of seats	0	x	0.02	AF/seat	=	0
Restaurant (24-hour / Fast Food)	# of seats	0	x	0.038	AF/seat	=	0
Self-Storage	# of storage units	0	x	0.0008	AF/storage unit	=	0
Skilled Nursing	# of beds	0	x	0.12	AF/bed	=	0
Spa	# of spas	0	x	0.05	AF/spa	=	0
Swimming Pool	pool surface area	600	x	0.02	AF/100 sf surface area	=	0.12
Theater	# of seats	0	x	0.0012	AF/seat	=	0
							0.12

	TOTAL H1	9.99058

New Commercial Water
Hotel 2 Water Estimate

New Commercial Water
Hotel 2 Water Estimate

New Commercial Water
Residential 1 - Amenity Calculator

	ITEM	Sq.Ft.		FACTOR			ACRE-FEET
GROUP I - Low to Moderate Use	Lease,lobby,club rm,gym (sf)	6,978	x	0.00007		=	0.48846
GROUP II - High Use	square footage (floor area)	0	x	0.0002		=	0

GROUP III - Miscellaneous	ITEM	#		FACTOR	UNIT		ACRE-FEET
Assisting Living (more than 6 beds)	# of beds	0	x	0.085	per bed	=	0
Beauty Shop / Dog Grooming	# of stations	0	x	0.0567	AF/station	=	0
Child Care	# of children	0	x	0.0072	AF/child	=	0
Dormatory	# of rooms	0	x	0.04	AF/room	=	0
Gas Station	# of gas pumps	0	x	0.0913	AF/pump	=	0
Laundromat	# of wash machines	0	x	0.2	AF/machine	=	0
Meeting Hall	square footage	0	x	0.00053	AF/sq.ft.	=	0
Motel/Hotel/Bed & Breakfast	# of rooms	0	x	0.1	AF/room	=	0
rooms w/ large tubs (add to room factor)	# of large bathtubs	0	x	0.03	AF/tub	=	0
							0
Plant Nursery	Square Footage	0	x	0.00009	AF/sf total land	=	0
Public Toilets	# of toilets	0	x	0.058	AF/toilet	=	0
Public Urinals	# of urinals	0	x	0.036	AF/urinal	=	0
Zero Water consumptino Urinal(s)	# of urinals	0	x	0	n/a	=	0
Restaurant (general/bar)	# of seats	0	x	0.02	AF/seat	=	0
Restaurant (24-hour / Fast Food)	# of seats	0	x	0.038	AF/seat	=	0
Self-Storage	# of storage units	0	x	0.0008	AF/storage unit	=	0
Skilled Nursing	# of beds	0	x	0.12	AF/bed	=	0
Spa	# of spas	0	x	0.05	AF/spa	=	0
Swimming Pool	pool surface area	0	x	0.02	AF/100 sf surface area	=	0
Theater	# of seats	0	x	0.0012	AF/seat	=	0
							0

	TOTAL R1 Amenities	0.48846

New Commercial Water
Residential 2 - Amenity Calculator

	ITEM	Sq.Ft.		FACTOR		ACRE-FEET
GROUP I - Low to Moderate Use	A Lease,lobby,club rm,gym (sf)	11,174	x	0.00007	=	0.78218
	B Lease,lobby,club rm,gym (sf)	4,487	x	0.00007	=	0.31409

GROUP II - High Use	square footage (floor area)	0	x	0.0002	=	0

GROUP III - Miscellaneous

ITEM	ITEM	#		FACTOR	UNIT		ACRE-FEET
Assisting Living (more than 6 beds)	# of beds	0	x	0.085	per bed	=	0
Beauty Shop / Dog Grooming	# of stations	0	x	0.0567	AF/station	=	0
Child Care	# of children	0	x	0.0072	AF/child	=	0
Dormatory	# of rooms	0	x	0.04	AF/room	=	0
Gas Station	# of gas pumps	0	x	0.0913	AF/pump	=	0
Laundromat	# of wash machines	0	x	0.2	AF/machine	=	0
Meeting Hall	square footage	0	x	0.00053	AF/sq.ft.	=	0
Motel/Hotel/Bed & Breakfast	# of rooms	0	x	0.1	AF/room	=	0
rooms w/ large tubs (add to room factor)	# of large bathtubs	0	x	0.03	AF/tub	=	0
							0
Plant Nursery	Square Footage	0	x	0.00009	AF/sf total land	=	0
Public Toilets	# of toilets	0	x	0.058	AF/toilet	=	0
Public Urinals	# of urinals	0	x	0.036	AF/urinal	=	0
Zero Water consumptino Urinal(s)	# of urinals	0	x	0	n/a	=	0
Restaurant (general/bar)	# of seats	0	x	0.02	AF/seat	=	0
Restaurant (24-hour / Fast Food)	# of seats	0	x	0.038	AF/seat	=	0
Self-Storage	# of storage units	0	x	0.0008	AF/storage unit	=	0
Skilled Nursing	# of beds	0	x	0.12	AF/bed	=	0
Spa	# of spas	0	x	0.05	AF/spa	=	0
Swimming Pool	pool surface area	0	x	0.02	AF/100 sf surface area	=	0
Theater	# of seats	0	x	0.0012	AF/seat	=	0
							0

TOTAL R2 Amenities	1.09627

New Commercial Water
Restaurant Water Estimate

	ITEM	Sq.Ft.		FACTOR			ACRE-FEET
GROUP I - Low to Moderate Use	Amenity,lobby,leasing (sf)	0	x	0.00007		=	0
	Service (sf)	0	x	0.00007		=	0
	Circulation (sf)	0	x	0.00007		=	0
GROUP II - High Use	square footage (floor area)	0	x	0.0002		=	0

	ITEM	#		FACTOR	UNIT		ACRE-FEET
GROUP III - Miscellaneous							
Assisting Living (more than 6 beds)	# of beds	0	x	0.085	per bed	=	0
Beauty Shop / Dog Grooming	# of stations	0	x	0.0567	AF/station	=	0
Child Care	# of children	0	x	0.0072	AF/child	=	0
Dormatory	# of rooms	0	x	0.04	AF/room	=	0
Gas Station	# of gas pumps	0	x	0.0913	AF/pump	=	0
Laundromat	# of wash machines	0	x	0.2	AF/machine	=	0
Meeting Hall	square footage	0	x	0.00053	AF/sq.ft.	=	0
Motel/Hotel/Bed & Breakfast	# of rooms	0	x	0.1	AF/room	=	0
rooms w/ large tubs (add to room factor)	# of large bathtubs	0	x	0.03	AF/tub	=	0
							0
Plant Nursery	Square Footage	0	x	0.00009	AF/sf total land	=	0
Public Toilets	# of toilets	0	x	0.058	AF/toilet	=	0
Public Urinals	# of urinals	0	x	0.036	AF/urinal	=	0
Zero Water consumptino Urinal(s)	# of urinals	0	x	0	n/a	=	0
Restaurant (general/bar)	# of seats	160	x	0.02	AF/seat	=	3.2
Restaurant (24-hour / Fast Food)	# of seats	0	x	0.038	AF/seat	=	0
Self-Storage	# of storage units	0	x	0.0008	AF/storage unit	=	0
Skilled Nursing	# of beds	0	x	0.12	AF/bed	=	0
Spa	# of spas	0	x	0.05	AF/spa	=	0
Swimming Pool	pool surface area	0	x	0.02	AF/100 sf surface area	=	0
Theater	# of seats	0	x	0.0012	AF/seat	=	0
							3.2

TOTAL Restaurant	**3.2**

New Residential Water
South of Tioga - Studio Unit (1 Bath)

FIXTURE TYPE/DESCRIPTION	No. of Fixtures		Fixture Unit Value		Fixture Units		Acre-Feet	NOTES
SINKS (bathroom)								
Washbasin (lavatory sink), each	1	x	1	=	1	x 0.01 =	0.01	
Two Washbins in Master Bath		x	1	=	0	x 0.01 =	0	
TOILETS:								
Toilet, Ultra Low Flush (1.6 gallons/flush)	0	x	1.7	=	0	x 0.01 =	0	
Toilet, High Efficiency (HET) 1.3 gallons/flush)	1	x	1.3	=	1.3	x 0.01 =	0.013	All new fixtures must be HET
URINALS:								
Urinal (1.0 gallon/flush)		x	1	=	0	x 0.01 =	0	
Urinal, High Efficiency (0.5 gallons/flush)		x	0.5	=	0	x 0.01 =	0	
Urinal, Zero Water Consumption		x	0	=	0	x 0.01 =	0	
BATHTUBS (w/ showers)								
Bathtub, Large (w/showerhead) & separate shower in master bath		x	3	=	0	x 0.01 =	0	
Bathtub, Large (may have showerhead)		x	3	=	0	x 0.01 =	0	
Bathtub, Standard (may have showerhead)	1	x	2	=	2	x 0.01 =	0.02	
SHOWERS (only)								
Shower, separate stall (one showerhead)		x	2	=	0	x 0.01 =	0	
Shower, each additional fixture		x	2	=	0	x 0.01 =	0	
Shower System, Rain Bars, or custom shower (varies per specifications)		x	2	=	0	x 0.01 =	0	
KITCHEN:								
Kitchen Sink (w/ opional dishwasher)	0	x	2	=	0	x 0.01 =	0	
Kitchen Sink (w/ adjacent High Efficiency Dishwasher (5.8 gallons max/cycle)	1	x	1.5	=	1.5	x 0.01 =	0.015	All new fixtures must be High Effic.

New Residential Water
South of Tioga - Studio Unit (1 Bath)

DISHWASHERS (only)

Dishwasher, each additional (includes optional adjacent sink)	■	x	2	=	0	x 0.01 =	0
Dishwasher, High Efficiency, each additional (including optional adjacent sink / 5.8 gallons max/cycle)	■	x	1.5	=	0	x 0.01 =	0

UTILITY SINK:

Laundry Sink/Utility Sink	■	x	2	=	0	x 0.01 =	0

WASHING MACHINES:

Clothes Washer	0	x	2	=	0	x 0.01 =	0	
Clothes Washer, High Efficiency (HEW) (Water Factor of 5.0 or less)	1	x	1	=	1	x 0.01 =	0.01	All new fixtures must be HEW

MISCELLANEOUS:

Bidet	■	x	2	=	0	x 0.01 =	0
Bar Sink	■	x	1	=	0	x 0.01 =	0
Entertainment Sink	■	x	1	=	0	x 0.01 =	0
Vegetable Sink	■	x	1	=	0	x 0.01 =	0
Swimming Pool (each 100 sqft of pool surface)	■	x	1	=	0	x 0.01 =	0

TOTAL (Building)	6.8 F.U.	x 0.01	0.068 Ac.Ft.

LANDSCAPING:

500 sq.ft. or less of landscaping	How many square feet?		ETWU =	See Worksheet
501 or more square feet of landscaping	How many square feet?		ETWU =	

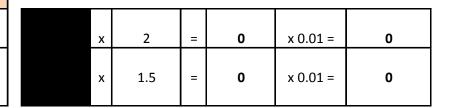| TOTAL (Project)		0.068 Ac.Ft.

New Residential Water
South of Tioga -Residential Swimming Pools

FIXTURE TYPE/DESCRIPTION	No. of Fixtures		Fixture Unit Value		Fixture Units		Acre-Feet	NOTES
SINKS (bathroom)								
Washbasin (lavatory sink), each		x	1	=	0	x 0.01 =	0	
Two Washbins in Master Bath		x	1	=	0	x 0.01 =	0	
TOILETS:								
Toilet, Ultra Low Flush (1.6 gallons/flush)		x	1.7	=	0	x 0.01 =	0	
Toilet, High Efficiency (HET) 1.3 gallons/flush)		x	1.3	=	0	x 0.01 =	0	All new fixtures must be HET
URINALS:								
Urinal (1.0 gallon/flush)		x	1	=	0	x 0.01 =	0	
Urinal, High Efficiency (0.5 gallons/flush)		x	0.5	=	0	x 0.01 =	0	
Urinal, Zero Water Consumption		x	0	=	0	x 0.01 =	0	
BATHTUBS (w/ showers)								
Bathtub, Large (w/showerhead) & separate shower in master bath		x	3	=	0	x 0.01 =	0	
Bathtub, Large (may have showerhead)		x	3	=	0	x 0.01 =	0	
Bathtub, Standard (may have showerhead)		x	2	=	0	x 0.01 =	0	
SHOWERS (only)								
Shower, separate stall (one showerhead)		x	2	=	0	x 0.01 =	0	
Shower, each additional fixture		x	2	=	0	x 0.01 =	0	
Shower System, Rain Bars, or custom shower (varies per specifications)		x	2	=	0	x 0.01 =	0	
KITCHEN:								
Kitchen Sink (w/ opional dishwasher)		x	2	=	0	x 0.01 =	0	
Kitchen Sink (w/ adjacent High Efficiency Dishwasher (5.8 gallons max/cycle)		x	1.5	=	0	x 0.01 =	0	All new fixtures must be High Effic.

DISHWASHERS (only)

Dishwasher, each additional (includes optional adjacent sink)		x	2	=	0	x 0.01 =	0
Dishwasher, High Efficiency, each additional (including optional adjacent sink / 5.8 gallons max/cycle)		x	1.5	=	0	x 0.01 =	0

UTILITY SINK:

Laundry Sink/Utility Sink		x	2	=	0	x 0.01 =	0

WASHING MACHINES:

Clothes Washer		x	2	=	0	x 0.01 =	0	
Clothes Washer, High Efficiency (HEW) (Water Factor of 5.0 or less)		x	1	=	0	x 0.01 =	0	All new fixtures must be HEW

MISCELLANEOUS:

Bidet		x	2	=	0	x 0.01 =	0
Bar Sink		x	1	=	0	x 0.01 =	0
Entertainment Sink		x	1	=	0	x 0.01 =	0
Vegetable Sink		x	1	=	0	x 0.01 =	0
Swimming Pool (each 100 sqft of pool surface) Note: 525 sq.ft.	5.25	x	1	=	5.25	x 0.01 =	0.0525

TOTAL (Per Apt.)	**5.25 F.U.**	x 0.01	**0.0525 Ac.Ft.**

LANDSCAPING:

500 sq.ft. or less of landscaping	How many square feet?		ETWU =	See Worksheet
501 or more square feet of landscaping	How many square feet?		ETWU =	

TOTAL (Project)		**0.0525 Ac.Ft.**

New Residential Water
South of Tioga - 1 Bedroom Apt (1 Bath)

FIXTURE TYPE/DESCRIPTION	No. of Fixtures	Fixture Unit Value		Fixture Units		Acre-Feet	NOTES
SINKS (bathroom)							
Washbasin (lavatory sink), each	1	x	1	=	1	x 0.01 =	0.01	
Two Washbins in Master Bath		x	1	=	0	x 0.01 =	0	
TOILETS:							
Toilet, Ultra Low Flush (1.6 gallons/flush)	0	x	1.7	=	0	x 0.01 =	0	
Toilet, High Efficiency (HET) 1.3 gallons/flush	1	x	1.3	=	1.3	x 0.01 =	0.013	All new fixtures must be HET
URINALS:							
Urinal (1.0 gallon/flush)		x	1	=	0	x 0.01 =	0	
Urinal, High Efficiency (0.5 gallons/flush)		x	0.5	=	0	x 0.01 =	0	
Urinal, Zero Water Consumption		x	0	=	0	x 0.01 =	0	
BATHTUBS (w/ showers)							
Bathtub, Large (w/showerhead) & separate shower in master bath		x	3	=	0	x 0.01 =	0	
Bathtub, Large (may have showerhead)		x	3	=	0	x 0.01 =	0	
Bathtub, Standard (may have showerhead)	1	x	2	=	2	x 0.01 =	0.02	
SHOWERS (only)							
Shower, separate stall (one showerhead)		x	2	=	0	x 0.01 =	0	
Shower, each additional fixture		x	2	=	0	x 0.01 =	0	
Shower System, Rain Bars, or custom shower (varies per specifications)		x	2	=	0	x 0.01 =	0	
KITCHEN:							
Kitchen Sink (w/ opional dishwasher)	0	x	2	=	0	x 0.01 =	0	
Kitchen Sink (w/ adjacent High Efficiency Dishwasher (5.8 gallons max/cycle)	1	x	1.5	=	1.5	x 0.01 =	0.015	All new fixtures must be High Effic.

New Residential Water
South of Tioga - 1 Bedroom Apt (1 Bath)

DISHWASHERS (only)

Dishwasher, each additional (includes optional adjacent sink)	■	x	2	=	0	x 0.01 =	0
Dishwasher, High Efficiency, each additional (including optional adjacent sink / 5.8 gallons max/cycle)	■	x	1.5	=	0	x 0.01 =	0

UTILITY SINK:

Laundry Sink/Utility Sink	■	x	2	=	0	x 0.01 =	0

WASHING MACHINES:

Clothes Washer	0	x	2	=	0	x 0.01 =	0	
Clothes Washer, High Efficiency (HEW) (Water Factor of 5.0 or less)	1	x	1	=	1	x 0.01 =	0.01	All new fixtures must be HEW

MISCELLANEOUS:

Bidet	■	x	2	=	0	x 0.01 =	0
Bar Sink	■	x	1	=	0	x 0.01 =	0
Entertainment Sink	■	x	1	=	0	x 0.01 =	0
Vegetable Sink	■	x	1	=	0	x 0.01 =	0
Swimming Pool (each 100 sqft of pool surface)	■	x	1	=	0	x 0.01 =	0

TOTAL **(Per Apt.)**	**6.8** **F.U.**	x 0.01	**0.068** **Ac.Ft.**

LANDSCAPING:

500 sq.ft. or less of landscaping	How many square feet?		ETWU =	See Worksheet
501 or more square feet of landscaping	How many square feet?		ETWU =	

TOTAL **(Project)**		**0.068** **Ac.Ft.**

New Residential Water
South of Tioga - 2 Bedroom Apt (2 Baths)

FIXTURE TYPE/DESCRIPTION	No. of Fixtures		Fixture Unit Value		Fixture Units		Acre-Feet	NOTES
SINKS (bathroom)								
Washbasin (lavatory sink), each	2	x	1	=	2	x 0.01 =	0.02	
Two Washbins in Master Bath		x	1	=	0	x 0.01 =	0	
TOILETS:								
Toilet, Ultra Low Flush (1.6 gallons/flush)	0	x	1.7	=	0	x 0.01 =	0	
Toilet, High Efficiency (HET) 1.3 gallons/flush)	2	x	1.3	=	2.6	x 0.01 =	0.026	All new fixtures must be HET
URINALS:								
Urinal (1.0 gallon/flush)		x	1	=	0	x 0.01 =	0	
Urinal, High Efficiency (0.5 gallons/flush)		x	0.5	=	0	x 0.01 =	0	
Urinal, Zero Water Consumption		x	0	=	0	x 0.01 =	0	
BATHTUBS (w/ showers)								
Bathtub, Large (w/showerhead) & separate shower in master bath		x	3	=	0	x 0.01 =	0	
Bathtub, Large (may have showerhead)		x	3	=	0	x 0.01 =	0	
Bathtub, Standard (may have showerhead)	2	x	2	=	4	x 0.01 =	0.04	
SHOWERS (only)								
Shower, separate stall (one showerhead)		x	2	=	0	x 0.01 =	0	
Shower, each additional fixture		x	2	=	0	x 0.01 =	0	
Shower System, Rain Bars, or custom shower (varies per specifications)		x	2	=	0	x 0.01 =	0	
KITCHEN:								
Kitchen Sink (w/ opional dishwasher)	0	x	2	=	0	x 0.01 =	0	
Kitchen Sink (w/ adjacent High Efficiency Dishwasher (5.8 gallons max/cycle)	1	x	1.5	=	1.5	x 0.01 =	0.015	All new fixtures must be High Effic.

New Residential Water
South of Tioga - 2 Bedroom Apt (2 Baths)

DISHWASHERS (only)

Dishwasher, each additional (includes optional adjacent sink)	■	x	2	=	0	x 0.01 =	0
Dishwasher, High Efficiency, each additional (including optional adjacent sink / 5.8 gallons max/cycle)	■	x	1.5	=	0	x 0.01 =	0

UTILITY SINK:

Laundry Sink/Utility Sink	■	x	2	=	0	x 0.01 =	0

WASHING MACHINES:

Clothes Washer	0	x	2	=	0	x 0.01 =	0	
Clothes Washer, High Efficiency (HEW) (Water Factor of 5.0 or less)	1	x	1	=	1	x 0.01 =	0.01	All new fixtures must be HEW

MISCELLANEOUS:

Bidet	■	x	2	=	0	x 0.01 =	0
Bar Sink	■	x	1	=	0	x 0.01 =	0
Entertainment Sink	■	x	1	=	0	x 0.01 =	0
Vegetable Sink	■	x	1	=	0	x 0.01 =	0
Swimming Pool (each 100 sqft of pool surface)	■	x	1	=	0	x 0.01 =	0

TOTAL (Per Apt.)	**11.1 F.U.**	x 0.01	**0.111 Ac.Ft.**

LANDSCAPING:

500 sq.ft. or less of landscaping	How many square feet?		ETWU =	See Worksheet
501 or more square feet of landscaping	How many square feet?		ETWU =	

TOTAL (Project)		**0.111 Ac.Ft.**