

**LINCOLN-SMD1 WASTEWATER AUTHORITY
UNIT DEFINITION FOR COST-OF-SERVICE CALCULATION AND REPORTING POLICY**

I. PURPOSE

The purpose of this Unit Definition for Cost-of-Service Calculation and Reporting Policy ("**Policy**") is to establish the standard for calculating the units of measure to be used in determining the share of cost for the provision of wastewater services to Lincoln-SMD1 Wastewater Authority ("**LiSWA**") members and setting requirements for updating the units as described and defined below.

II. BACKGROUND

The LiSWA was established on November 30, 2022, by the execution of a Joint Powers Agreement ("**JPA**") between the City of Lincoln ("**City**") and the County of Placer ("**County**"), collectively the "Member Agencies". The JPA set forth that the cost of service applied to each Member Agency would be the percentage of Equivalent Dwelling Units ("**EDUs**") that are connected and providing flow to the Wastewater Treatment and Reclamation Facility ("**WWTRF**").

Each Member Agency, in their own regulations, define EDUs differently; therefore it is important for LiSWA to provide a clear written criteria for counting and reporting of the units of measure for the determination of the cost of service for each Member Agency.

III. POLICY

The Policy of the LiSWA for establishing the units of measurement for the determination of the cost of service for the Member Agency is provided in three parts; (1) the Definition of Unit for Cost of Service; (2) Standard Factors for the units; and (3) the updating and reporting of the units.

A. Definition of Unit for Cost-of-Service

The Wastewater Treatment and Reclamation Unit ("**WWTRU**") will be the unit of measure for determining the cost of service to each Member Agency. The WWTRU replaces all references to EDUs in the JPA, or any other document created by LiSWA or that was used during the establishment of the LiSWA.

B. WWTRU Standard Factors

The following table titled **LiSWA WWTRU Standard Factors** details the appropriate WWTRU factor for each connection into the wastewater system for the purpose of calculating the total WWTRUs contributing to the wastewater facility operated by LiSWA.

LiSWA WWTRU Standard Factors		
Ordinance Code Types of Service	Matched Land Use Code Descriptions	LiSWA WWTRU Factors
Residential		
Single-Family Residential	SINGLE FAM RES, HALF PLEX	1 WWTRU per dwelling unit
	RESIDENCE ON COMMERCIAL LAND	
	RESIDENTIAL, AUXILIARY IMP	
	SINGLE FAM RES, CONDO	
Multi-Family Residential	APARTMENTS, 4 UNITS OR MORE	0.714 WWTRU per dwelling unit
	3 SINGLE FAM RES, TRIPLEX	
Duplex	2 SINGLE FAM RES, DUPLEX	0.771 WWTRU per dwelling unit
Mobile homes	MOBILE HOME PARK	0.714 WWTRU per space
	MOBILE HOME IN M H PARK	
	MOBILE HOME OUTSIDE OF PARK	
--	RV Parks ^(a)	0.357 WWTRU per space
Active Adult Residential	^(b)	0.714 per Single Family Dwelling
Hotel/Motel with kitchen	HOTELS, MOTELS, RESORTS	1 WWTRU per dwelling unit
Hotel/Motel without kitchen	HOTELS, MOTELS, RESORTS	0.5 WWTRU per dwelling unit
Low density		
Parking garages	PARKING LOTS	1 WWTRU per 6,000 sq. ft.
Warehouses	WAREHOUSE	1 WWTRU per 6,000 sq. ft.
Churches without kitchen or meeting hall	CHURCHES	1 WWTRU per 6,000 sq. ft.
--	MISC. PUBLIC BUILDINGS	1 WWTRU per 6,000 sq. ft.
Medium density		
Storage facilities	MINI-STORAGE, COVERED STORAGE	1 WWTRU per 3,000 sq. ft. of office space(c)
Theaters	THEATER, BOWLING ALLEY	1 WWTRU per 3,000 sq. ft.
Bowling/entertainment centers (without kitchen)		
Offices	OFFICE GENERAL	1 WWTRU per 3,000 sq. ft.
	OFFICE CONDO	
Auditoriums, halls, and lodges	LODGES, HALLS	1 WWTRU per 3,000 sq. ft.

Low usage retail stores (hardware, appliance, furniture)	COMMERCIAL STORE	1 WWTRU per 3,000 sq. ft.
Retail stores	SHOPPING CENTER	1 WWTRU per 3,000 sq. ft.
Barber/beauty shops (with lavatories)	SUBURBAN STORE	1 WWTRU per 1,500 sq. ft.
Banks and financial offices	BANKS, S&L'S, CREDIT UNION	1 WWTRU per 3,000 sq. ft.
--	UTILITIES, PUBLIC & PRIVATE	1 WWTRU per 3,000 sq. ft.
--	AUTO SALES, REPAIR	1 WWTRU per 3,000 sq. ft.
--	LIGHT INDUSTRIAL	1 WWTRU per 3,000 sq. ft.
--	MISCELLANEOUS INDUSTRIAL	1 WWTRU per 3,000 sq. ft.
High density		
Markets (without disposal)	MINI-MARKETS, NO GAS	1 WWTRU per 1,500 sq. ft.
Markets (with disposal)		1 WWTRU per 1,500 sq. ft.
Medical/dental offices	OFFICE MEDICAL/DENTAL	1 WWTRU per 1,500 sq. ft.
Sports/fitness centers	TENNIS, SWIMMING CLUBS	1 WWTRU per 1,500 sq. ft.
Schools	SCHOOLS	1 WWTRU per 1,500 sq. ft.
	DAY CARE CENTERS	1 WWTRU per 1,500 sq. ft.
Service stations	MINI-MARKET WITH GAS	1 WWTRU per 1,500 sq. ft.
	SERVICE STATION	
--	AIRPORT	1 WWTRU per 1,500 sq. ft.
--	HEAVY INDUSTRIAL	1 WWTRU per 1,500 sq. ft.
--	MINING QUARRY	1 WWTRU per 1,500 sq. ft.
--	CAMPS & PARKS, GENERAL	1 WWTRU per 1,500 sq. ft.
--	MISCELLANEOUS RECREATIONAL	1 WWTRU per 1,500 sq. ft.
--	NON-PROFIT CAMPS/PARKS	1 WWTRU per 1,500 sq. ft.
--	CEMETERIES	1 WWTRU per 1,500 sq. ft.
--	GOLF COURSE	1 WWTRU per 1,500 sq. ft.
Hospitals	HOSPITALS COMMUNITY	0.5 WWTRU per Bed
Rest home	HOSPITALS CONVALESCENT	0.33 WWTRU per Bed

Convalescent hospital		1 WWTRU per 1,500 sq. ft.
Memory care facility		1 WWTRU per 1,500 sq. ft.
Special commercial users		
Carwashes	Carwashes ^(a)	1 WWTRU per 200 sq. ft
Laundromats	Laundromats ^(a)	1 WWTRU per 100 sq. ft
Restaurants, bakeries, cafes	RESTAURANTS, COCKTAIL LOUNGES	1 WWTRU per 500 sq. ft
	FAST FOOD RESTAURANT	
Bars	RESTAURANTS, COCKTAIL LOUNGES	1 WWTRU per 500 sq. ft
Delis/coffee shops w/out cooking facilities		1 WWTRU per 1,500 sq. ft
Mortuaries	Mortuaries ^(a)	1 WWTRU per 250 sq. ft
--	COMMON AREA	0 WWTRU
--	VACANT	0 WWTRU
Permitted Significant Industrial Users		
Low Strength - High Quantity		$\text{gpd flows} / (((\text{gpd flows} - 25,000) / 1000) \times 2.15 + 215)$
High Strength		$(\text{gpd} / 215) \times (0.61 + (\text{BOD} / 200) \times 0.22 + (\text{TSS} / 200) \times 0.17) + \text{special treatment or handling costs}$
<p>(a) Not a current Land Use Code Description</p> <p>(b) Active Adult Residential assigned 0.714 WWTRUs per dwelling unit regardless of Land Use Code Description.</p> <p>(c) WWTRUs assigned solely based on square footage of office space.</p> <p>gpd = gallons per day BOD = Biological Oxygen Demand TSS = Total Suspended Solids</p>		

C. Reporting

The JPA established the beginning cost allocation to the Member Agencies based upon respective EDU contributions to the WWTRF. The reference of EDU in the calculation is equivalent to a WWTRU defined in this policy.

The initial cost allocation for LiSWA is as follows:

8,338 (County) WWTRUs / 22,194 (City) WWTRUs
8,338 + 22,194 = 30,532 Total WWTRUs
8,332 / 30,532 = 27.3% (County)
22,194 / 30,532 = 72.7% (City)

This is based on the active connections as of 08/31/2022, as stated in the JPA.

Each Member Agency shall provide to LiSWA at the end of each quarter of the year, a report including current and new connections to their wastewater system and their associated WWTRUs for that type of connection based on the factors in the table above titled LiSWA WWTRU Standard Factors.

The first report to LiSWA shall be provided no later than June 30, 2023, and shall account for all WWTRU's connected from August 31, 2022 to March 31, 2023.