



# City Manager's Office

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## MEMORANDUM

**DATE:** 4/4/2023

**TO:** Mayor and City Council

**THROUGH:** Doug Thornley, City Manager Approved Electronically  
Jackie Bryant, Assistant City Manager

**FROM:** Trina Magoon, Director of Utility Services  
Dustin Waters, Assistant Director of Utility Services  
Roy Flores, Senior Civil Engineer

**SUBJECT:** Status of Sewer Allocation for Reno Stead Water Reclamation Facility

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This memorandum is provided as a regular update on the status of available sewer capacity and projects pending approval to be served by the Reno Stead Water Reclamation Facility (RSWRF). **One project has been added to the allocation list since the February 3, 2023 memorandum.** This project included 142 single family homes and will use 23,430 gallons of sewer capacity.

Every two years, staff reviews the average annual sewer flows coming to RSWRF and identifies the projects that have been completed and the projects that have been allocated sewer capacity but are not yet flowing. Based on this analysis and the approval of Council at their February 22, 2023 meeting to use up to 350,000 gallons\* of the existing flow shave project, staff has determined that there is 180,249 gallons of sewer capacity remaining in the sewer allocation program. The RSWRF detailed worksheet is attached to show sewer allocations made beginning in January 2023 and the sum of unrealized allocated capacity permitted prior to this date.

\* Council direction 9/11/2019 (75,000 gallons); 11/4/2020 (50,000 gallons); 6/1/2022 (100,000 gallons); 2/22/23 (125,000 gallons).

Attachments: Reno Stead Water Reclamation Facility Sewer Allocation Worksheet

## RSWRF

### 1. RENO STEAD WATER RECLAMATION FACILITY STATISTICS

DESCRIPTION	CAPACITY (GALLONS PER DAY)
Discharge Capacity of Reno-Stead Water Treatment Facility	2,000,000
Flow Shave (Discharge to TMWRF) Approved by Reno City Council as of 2/22/2023	350,000
<b>Total Discharge Capacity (A)</b>	<b>2,350,000</b>
RSWRF Average Annual Flow from last 12 months (2022)	1,900,000
Capacity Allocated Through Will-Serve (Permitted but not built)	209,752
Inflow & Infiltration within the Collection System	60,000
<b>Allocated + Actual Flows (B)</b>	<b>2,169,752</b>
<b>Remaining Capacity (A-B)</b>	<b>180,249</b>

### 2. CAPACITY ALLOCATED THROUGH WILL SERVES

ALLOCATION LIST BEGINNING January 1, 2023 - Single Family (SF) and Multi Family (MF) Units = 165 gpd - Pre 1/1/2023 SF/MF Units = 175 gpd	Sewer Will Serve Issue Date	Connection Fees Paid Date	Single Family Units (#)	Multi Family Units (#)	Commercial Usage (GAL/DAY)	Industrial Usage (GAL/DAY)	Capacity Allocated (GAL/DAY)
<b>Unrealized Allocated Capacity (Permitted prior to 1/1/2023)</b>			686	298	5,038	8,987	<b>186,225</b>
BLD23-05725E - Ice Age Meals Kitchen Remodel (APN 086-149-06)	1/17/2023	1/17/2023			97		<b>97</b>
FNL23-00007 - Arroyo Crossing Phase 2 (APN 550-650-03)	2/7/2023		142				<b>23,430</b>
<b>Totals</b>			<b>828</b>	<b>298</b>	<b>5,135</b>	<b>8,987</b>	<b>209,752</b>

### 3. PROJECTS IN PLAN REVIEW

-Added when Sewer Will-Serve applications are submitted	Sewer Will Serve Application Date	Single Family Units (#)	Multi Family Units (#)	Commercial Usage (GAL/DAY)	Industrial Usage (GAL/DAY)	Flow (GAL/DAY)
BLD23-00653E - Moya Shell (APN 090-030-26)	7/27/2022			175		<b>175</b>
BLD23-03325E - North Valleys Shell Bldg (APN 082-092-33)	9/28/2022			175		<b>175</b>
BLD23-03870E - Uhaul of Silver Lake (APN 087-350-24)	11/7/2022			279		<b>279</b>
BLD23-05584E - North Virginia Phase 2 Spec TI (APN 082-101-04)	12/8/2022			638		<b>638</b>
<b>Totals</b>		<b>0</b>	<b>0</b>	<b>1,267</b>	<b>0</b>	<b>1,267</b>

**RSWRF**

**4. PROJECTS INITIATED BUT NOT TO WILL SERVE**

- Approved Single Family Tentative Maps - Multifamily Not Permitted - Special Use Permits Not Permitted - Site Plan Review Not Permitted - Commercial & Industrial = 800 gpd/acre	Units Approved (#)	Units Allocated or In Review (#)	SF Units Remaining (#)	MF Units Remaining (#)	Commercial (Acres)	Industrial (Acres)	Flow (GAL/DAY)
LDC19-00004 (SUP) U-Haul Moving Storage at Silver Lake					2.1		1,680
LDC17-00039 The Lakes Sky Vista Apartments, Total 786 Units	768	488		280			46,200
LDC18-00056 Project Progress (APN 082-092-22)						4.5	3,600
Silver Hills (APN 87-390-10, 87-390-13, 86-232-31, 86-203-05) TMRPA Approved 02/13/20	1,874		1,874				309,210
LDC21-00011 Legacy Village (APN 552-261-09)	264	168	96				15,840
LDC22-00066 - Ridge Park (APN 086-380-14)	80		80				13,200
<b>Totals</b>			2,050	280	2.1	4.5	389,730

**5. FUTURE PROJECTS**

- Single Family Unit = 165 gpd - Multi Family Unit = 165 gpd - Commercial & Industrial = 800 gpd/acre			SF Units (#)	MF Units (#)	Commercial (Acres)	Industrial (Acres)	Flow (GAL/DAY)
Evans Ranch			5,679				937,035
Silver Star Ranch PUD			1,600				264,000
<b>Totals</b>			7,279	0	0	0	1,201,035

**6. MASTER PLAN OR ZONING**

- No units identified
Echeverria Peavine Master Plan Amendment
Echo Avenue Master Plan Amendment
4855 Echo Avenue Master Plan Amendment
Stead 240
Coyote Crossing
Echo Avenue
Stead/North Virginia Zone Map Amendment