

# Appendix J

## **Water Supply Assessment**

**City of Sacramento**  
**SB 610/SB 221 Water Supply Assessment and Certification Form**

This form may be used to complete water supply assessments for projects located in an area covered by the City's most recent Urban Water Management Plan.

Note: Please do not use this form if the projected water demand for your project area was not included in the City's latest Urban Water Management Plan. To review the City's Urban Water Management Plan, please visit:  
<http://www.cityofsacramento.org/utilities/urbanwater/index.html>

**Project: Downtown Specific Plan Environmental Impact Report**

**Date: May 8, 2017**

**Project Applicant (Name of Company): City of Sacramento**

**Applicant Contact (Name of Individual): Samhita Saquib on behalf of ESA for the City of Sacramento**

**Phone Number: 916-564-4500**

**E-mail: ssaquib@esassoc.com**

**Address: ESA, 2600 Capitol Avenue, Suite 200, Sacramento, CA 95816**

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**Project Applicant to fill in the following:**

- Does the project include:

Type of Development	Yes	No
A proposed residential development of 500 or more dwelling units	X	
A shopping Center employing more than 1,000 persons or having more than 500,000 square feet?		X
A Commercial Office building employing more than 1,000 persons or having more than 250,000 square feet?	X	
A proposed hotel or motel, or both, having more than 500 rooms		X
A proposed industrial, manufacturing, or processing plant or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area		X
A mixed use project that includes one or more of the projects specified above	X	
A project that would demand an amount of water equivalent to, or greater than, the water required by a 500 dwelling unit project	X	

If the answer is no to all of the above, a water supply assessment is not required for the project.

2. Is the projected water demand for the project location included in the City's 2015 Urban Water Management Plan, adopted June 2016?

Yes:   X  

No:           

If the answer is no, you cannot use this form. Please refer to the requirements of SB 610 for preparing a water supply assessment.

3. Please fill in the project demands below:

Type of Development	Land Use Category	Demand Factor		Proposed Development			Current Zoning		
		Residential Water Use Factor, afy/dwelling unit	Non-Residential Water Use Factor, afy/employee	Number Dwelling Units	Number Employees	Total Demand	Number Dwelling Units	Number Employees	Total Demand
Residential - Low	Rural Residential (RR)	.61	.09						
	Suburban Neighborhood Low Density (SNLD)								
	Traditional Neighborhood Low Density (TLDR)								
Residential - Medium	Suburban Neighborhood Medium Density (SMDR)	.39	.09						
	Urban Neighborhood Low Density (ULDR)			0	0	0	2	71	7.17
Residential - High	Suburban Neighborhood High Density (SHDR)	.12	.04						
	Traditional Neighborhood Medium Density (TMDR)			143	483	36.48	10,075	3,275	1,340
	Urban Neighborhood Medium Density (UMDR)								
	Traditional Neighborhood High Density (THDR)			0	0	0	18	0	2.16
Mixed Use	Employment Center Mid Rise (ECMR)	.19	.09						
	Suburban Center (SCnt)								
	Suburban Corridor (Scor)								
	Traditional Center (TCnt)			14	191	19.85	208	1,348	160.84

Mixed Use - Higher Density	Urban Center High (UCntHigh)	.15	.04	759	266	124.49	0	150	6
	Urban Center Low (UcntLow)			1,043	317	169.13	32	1,078	47.92
	Urban Corridor High (UCorHigh)			2,624	2,722	502.48	1,502	11,322	678.18
	Urban Corridor Low (UCorLow)			2,856	1,730	497.6	1,548	9,858	626.52
Central Business District	Central Business District (CBD)	.15	.02	5,353	16,758	1,138.11	3,118	45,062	1,368.94
	Urban Neighborhood High Density (UHDR)								
Commercial	Regional Commercial (RC)	.15	.09						
	Employment Center Low Rise (ECLR)			269	161	54.84	116	1,658	166.62
Industrial	Industrial (IND)		.14						
Public	Public/Quasi-Public (PUB)	.37	.17	0	107	18.19	0	1,046	177.82
Park	Parks and Recreation (PRK)	.37	.17	0	13	2.21	0	3,620	615.4
Open Space	Open Space (OS)	0	0						
Other	MIXED	0.61	N/A	340	N/A	207.40	N/A	N/A	N/A
Other									
Other									
<b>Total Demand (AFY)</b>						2,770.78			5,197.57

#### 4. Required Elements of Water Supply Assessment (Water Code § 10910)

- A. Water supply entitlements, water rights or water service contracts (Water Code § 10910(d)):

The City's water supply entitlements, water rights and water service contract are identified and discussed in the Urban Water Management Plan, Chapters 4, and 5.

All infrastructure necessary to deliver a water supply to the project is in place, excepting any distribution facilities required to be constructed and financed by the project applicant: Yes:  X  No: \_\_\_\_\_

- B. Identification of other sources of water supply if no water has been received under City's existing entitlements, water rights or water service contracts (Water Code § 10910(e)):

Not applicable.

- C. Information and analysis pertaining to groundwater supply (Water Code § 10910(f)):

Addressed by Urban Water Management Plan, Chapters 2, 4 and 5.

**Verification of Water Supply**  
**(for residential development of more than 500 dwelling units)**

Based on the City's most recent Urban Water Management Plan, are there sufficient water supplies for the project during normal, single dry and multiple dry years over a 20 year period?

Yes: \_\_\_\_\_

No: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**This box to be filled in by the City**

Distribution:

Applicant

Development Services Department (Org: 4913) – Assigned Planner: \_\_\_\_\_

Utilities Department (Org: 3334) - Development Review (Tony Bertrand)

Utilities Department (Org: 3332) - Capital Improvements (Brett Ewart)