

**RIVER STREET MARKETPLACE PROJECT**  
**Orange County Fire Authority Questionnaire**

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1. Please **confirm or update** the following information from OCFA's website

***Stations, Staff, and Apparatus***

- a. The nearest (and first-in) fire station to the project site is Station 7 at 31865 Del Obispo in San Juan Capistrano  
Fire Station 7 is the first in and closest fire station to the project location
- b. Station 7 is equipped with:
- i. one fire engine (7)  
E7 is a BLS engine
  - ii. one wildland fire engine (307)  
E307 is a wildland fire engine
  - iii. one paramedic van  
M7 is located at FS07
  - iv. one patrol vehicle  
P7 is located at FS07
  - v. one water tender.  
W7 is located at FS07
- c. Staffing at Station 7 is one captain, one engineer, three firefighters, and reserve firefighters, on each of three shifts.  
Staffing at FS07 is:  
E7/E307: One Captain, One Engineer, One Firefighter (staffed daily A, B, or C shift)  
M7: Two Firefighter Paramedics (staffed daily A, B, or C shift)  
P7/W7: (staffed by reserves as needed)
- d. The second-in station to an emergency service call from the project site is Station 29 at 26111 Victoria Boulevard in the City of Dana Point, about 2.9 miles (by road) to the south  
Station 29 is approximately 2.9 from the project location. This is the second closest station to the project area.
- e. Station 29 is equipped with
- i. One engine (29)  
E29 is a Paramedic Engine located at FS29
  - ii. One battalion chief's vehicle  
Battalion 6 is located at FS29

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**Orange County Fire Authority Questionnaire**

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- f. Staffing at Station 29 is one battalion chief, one captain, one engineer, and two firefighters, on each of three shifts.

Staffing at FS29 is:

E29: One Captain, One Engineer, Two Firefighters (staffed daily A, B, or C shift)

B6: One Battalion Chief (staffed daily A, B, or C shift)

**Performance Standards**

- g. Do the performance standards in the table below apply to the City of San Juan Capistrano? (the standards are from a questionnaire response you sent us for a project in Laguna Niguel dated 2016)

**Table 5.12-1 OCFA Adopted Performance Standards**

Activity / Incident Type	80 Percent Goal (from receipt of call to arrival onsite)
First Response Unit	7 minutes and 20 seconds
First Engine Truck STR	7 minutes and 20 second
First Truck	12 minutes
First Basic Life Support (BLS) Response Unit	7 minutes and 20 seconds
First Advanced Life Support (ALS) Response Unit	10 minutes and 0 seconds
First Paramedic Assessment	7 minutes and 20 seconds

Source: Rivers 2016.

The performance standards listed above remain the same

- h. What was the average response time for the first response unit in the project area in San Juan Capistrano for the most recent period available?

Average First Unit (Receipt to On scene): 06:39

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**Funding**

i. What funding mechanisms are used to provide fire protection services?

i. San Juan Capistrano is also a Structural Fire Fund member city of OCFA and pays for emergency services by a direct allocation of property tax revenue.

This remains a true statement

ii. Private developments in the City of San Juan Capistrano typically enter into secured fire protection agreements with OCFA to allow OCFA to address potential impacts of projects on fire services around the project area. In this agreement, the developer is assessed \$600 per dwelling/equivalent-dwelling unit. Equivalent dwelling unit is calculated by dividing square footage by 1,000 and multiplying the result by 0.09.

A Secured Fire Protection Agreement would be required for this project

iii. Please describe any other sources.

None

2. Would OCFA be able to serve the proposed project with existing stations, staff, and apparatus?

Yes OCFA current resources would support this project

a. If not, what additional resources would be needed?

N/A

i. Station(s)

ii. Apparatus

iii. staff

3. Do you have any other comments about this project?

No other comments at this time

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**Orange County Fire Authority Questionnaire**

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**Response Prepared By:**

Tamera Rivers  
**Name**

Management Analyst  
**Title**

Orange County Fire Authority  
**Agency**

3/12/2018  
**Date**

**RIVER STREET MARKETPLACE PROJECT**  
**Orange County Sheriff's Department Questionnaire**

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1. Please **confirm or update** the following information from OCSD's website
  - a. The Orange County Sheriff's Department provides police protection to the City of San Juan Capistrano
    - i. A total of 30 OCSD personnel are assigned to the City of San Juan Capistrano, including one lieutenant, **five** sergeants, two investigators, **19** deputies, and two community services officers.
    - ii. OCSD officers serving San Juan Capistrano are based at the Sheriff Department's Southwest Station at 11 Journey in the City of Aliso Viejo  
  
Yes
    - iii. The Southwest Station has a service area of 72 square miles including six cities and with a population of over 296,000  
Approximate
    - iv. 270 sworn and professional staff are assigned to the Station  
Approximate
  - b. In South County cities, desired response times are:
    - i. 5 minutes or less for Priority 1 calls (emergency; lights and siren)  
Yes
    - ii. 12 minutes or less for Priority 2 calls (urgent; no lights and siren) Yes

**RIVER STREET MARKETPLACE PROJECT**  
**Orange County Sheriff's Department Questionnaire**

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- c. What were the actual average response times in the project area in San Juan Capistrano in the latest year for which data are available:
  - i. Priority one calls: 4.41
  
  - ii. Priority two calls:13.15
  
- 2. OCSD Field Operations and Investigative Services Command operations are funded mostly from:
  - a. Charges for services from contract cities served by OCSD
  
  - b. County's General Fund, which is financed mostly through intergovernmental revenues and property taxes
  
  - c. Please describe any other sources
  
- 3. Would OCSD be able to serve the proposed project with existing stations, staff, and equipment? Yes
  - a. If not, what additional resources would be needed?
    - i. Station(s)
  
    - ii. Staff
  
    - iii. Equipment

**RIVER STREET MARKETPLACE PROJECT**  
**Orange County Sheriff's Department Questionnaire**

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4. Do you have any other comments about this project?

N/A

**Response Prepared By:**

C. Bulanek

Lieutenant

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**Name**

**Title**

Orange County Sheriff's Department

3-21-18

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**Agency**

**Date**

**RIVER STREET MARKETPLACE PROJECT**  
**South Orange County Wastewater Authority Questionnaire**

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1. Please **confirm or update** the following information from SOCWA's website; the City of San Juan Capistrano's 2015 Urban Water Management Plan; and the 2013 South OC Watershed Management Area Integrated Regional Water Management Plan published by OC Public Works.

a. Wastewater from the City of San Juan Capistrano is treated at SOCWA's J. B. Latham Treatment Plant (JBLTP) in the City of Dana Point.

i. The JBLTP has capacity of 13 mgd of secondary treatment

*That is correct.*

ii. The JBLTP has existing wastewater flows of about 6.7 mgd

*The 2017 average was 6.6 mgd.*

iii. Effluent from the JBLTP is discharged to the San Juan Creek Ocean Outfall and is not used as recycled water

*That is correct.*

b. SOCWA's four wastewater treatment facilities (JBLTP; the Coastal Treatment Plant in Laguna Beach; the Regional Treatment Plant in Laguna Niguel; and Plant 3A in Laguna Niguel) treat a total of about 19.5 mgd of wastewater.

*The Santa Margarita Water District currently operates Plant 3A. For 2017 the RTP averaged 7.8 mgd and the CTP averaged 2.9 mgd for a total average of 17.3 mgd at the three SOCWA treatment plants.*

c. SOCWA produces about 16.4 mgd of recycled water from three of its facilities (the Coastal Treatment Plant; the Regional Treatment Plant; and Plant 3A).

*For 2017 the average recycled water production for RTP was 5.1 mgd and for CTP was 0.98 mgd. Note that these numbers were likely skewed by the very wet 2016/2017 winter.*

d. Total recycled water supplies in the South OC Watershed Management Area—generally similar to SOCWA's service area—are forecast to increase to approximately 26.5 mgd in 2035 (source: OC Public Works. South OC Watershed Management Area Integrated Regional Water Management Plan).

*OC Public Works probably obtained it's information from the recycled water retailers – the water districts and the cities – so we can not provide input on this item.*



**RIVER STREET MARKETPLACE PROJECT**  
**South Orange County Wastewater Authority Questionnaire**

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2. Are there currently any deficiencies in SOCWA wastewater treatment systems?

*? That is a broad and sweeping question. Our facilities meet the permit requirements.*

3. What wastewater generation factors does SOCWA use for each of the following land uses:

*SOCWA does not use any wastewater generation factors. This task is undertaken by the member agencies that send us sewage.*

a. Retail (boutique specialty food sales, market)

b. Office

c. Restaurant

d. Fitness

4. Would the existing SOCWA wastewater treatment capacity be sufficient to serve the estimated project-generated wastewater?

*That question would need to be answered by the City of San Juan Capistrano. They would need to evaluate the wastewater generated by the proposed project and compare that to their owned capacity at the J. B. Latham Treatment Plant.*

a. If not, what new or expanded wastewater treatment facilities—and of what capacity—would be required?

**RIVER STREET MARKETPLACE PROJECT**  
**South Orange County Wastewater Authority Questionnaire**

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5. Do you have any other comments about this project?

**Response Prepared By:**

Brian Peck	Director of Engineering
<b>Name</b>	<b>Title</b>
South Orange County Wastewater Authority	4/10/18
<b>Agency</b>	<b>Date</b>

**RIVER STREET MARKETPLACE PROJECT**  
**City of San Juan Capistrano Utilities Department Questionnaire**

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1. Please **confirm or update** the following information from the City of San Juan Capistrano's 2015 Urban Water Management Plan and the 2013 South OC Watershed Management Area Integrated Regional Water Management Plan published by OC Public Works.
  - a. The City obtains water from 3 sources:
    - i. **Groundwater** from the San Juan Valley Groundwater Basin (Basin) treated to potable quality at the City's Groundwater Recovery Plant (GWRP).
      1. Basin groundwater water is high in iron, manganese, and total dissolved solids (TDS); and contains low levels of MTBE, a fuel oxygenate
      2. The GWRP uses greensand filtration, reverse osmosis, followed by ~~and~~ granulated activated carbon filters
      3. The GWRP has capacity of 6.2 million gallons per day (mgd)
    - ii. **Non-potable groundwater** from the Basin, via 2 wells:
      1. Amounting to about 0.45 mgd in 2015
      2. Non-potable water is used for irrigation on landscaping and golf courses
      3. The City anticipates that it will obtain an additional 1.25 mgd (1,400 afy) of non-potable groundwater by 2020-2030 from the Santa Margarita Water District ~~and Moulton Niguel Water District~~.

**RIVER STREET MARKETPLACE PROJECT**  
**City of San Juan Capistrano Utilities Department Questionnaire**

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4. The City expects to be getting nearly all its non-potable (recycled) water from the South Orange County Wastewater Authority (SOCWA) by ~~2025~~2035

5. The City forecasts that its non-potable (recycled) supplies will be about 1.76 mgd (1,970 afy) over the ~~2025~~2035-2040 period.

iii. **Imported water** from the Colorado River, and from northern California via the State Water Project, purchased from the Municipal Water District of Orange County (MWDOC)

1. Imported water is treated at the MWDSC's Diemer Filtration Plant near the City of Yorba Linda

iv. City water supplies by source over the 2015-2040 period (actuals for 2015 and forecast for 2020-2040) in normal-year conditions are as shown in the following table.

1. Supplies over the 2020-2040 period are forecast at about:

a. 56% groundwater (treated to potable quality)

b. 22% recycled water and non-potable groundwater

c. 22% imported water

**RIVER STREET MARKETPLACE PROJECT**  
**City of San Juan Capistrano Utilities Department Questionnaire**

**City of San Juan Capistrano Water Supplies Summary by Source, acre-feet per year**

Source	2015	2020	2025	2030	2035	2040
Groundwater, potable (GWRP)	2,572	4,800	4,800	4,800	4,800	4,800
Recycled water and non-potable groundwater	502	1,900	1,970	1,970	1,970	1,970
Imported water	5,457	1,918	1,918	1,918	1,918	1,918
<b>Total</b>	<b>8,531</b>	<b>8,618</b>	<b>8,688</b>	<b>8,688</b>	<b>8,688</b>	<b>8,688</b>

Source: City of San Juan Capistrano 2016

- v. The City forecasts that it will have sufficient water supplies to meet demands over the 2020-2040 period in normal, single-dry-year, and multiple-dry-year conditions.

2. What water demand factors does the City use for each of the following land uses:

- a. Retail (boutique specialty food sales, market)
- b. Office
- c. Restaurant
- d. Fitness

All of the above are considered commercial/ Industrial with a demand of 1,785 gpd/ac.

<u>Estate</u>	<u>1,650</u>	<u>gpd/ac</u>	<u>(2.09x10<sup>-3</sup> cfs/ac)</u>
<u>Residential</u>	<u>2,229</u>	<u>gpd/ac</u>	<u>(3.54x10<sup>-3</sup> cfs/ac)</u>
<u>Mobile Home Park</u>	<u>790</u>	<u>gpd/ac</u>	<u>(1.22x10<sup>-3</sup> cfs/ac)</u>
<u>Commercial/Industrial/Schools</u>	<u>1,785</u>	<u>gpd/ac</u>	<u>(2.76x10<sup>-3</sup> cfs/ac)</u>
<u>Public/Institutional</u>	<u>935</u>	<u>gpd/ac</u>	<u>(1.45x10<sup>-3</sup> cfs/ac)</u>
<u>Agricultural</u>	<u>586</u>	<u>gpd/ac</u>	<u>(9.07x10<sup>-4</sup> cfs/ac)</u>

See DWMP section 5 for details.

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***City of San Juan Capistrano Utilities Department Questionnaire***

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3. Would existing and forecast City water supplies be sufficient to serve estimated project water demand, or would new or expanded water supplies be required?

This depends on the projected demand calculated by using the above demand factors. At current small projects have not presented a capacity demand for water in general. There may be fire flow issues specific to the pipesized immediately surrounding the project. This would need to be determined by conduct of a fire flow test. The sewer discharge may also require modeling.

**RIVER STREET MARKETPLACE PROJECT**  
***City of San Juan Capistrano Utilities Department Questionnaire***

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4. Do you have any other comments about this project?

**Response Prepared By:**

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**Name**

**Title**

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**Agency**

**Date**

Solid waste Response by phone

Craig Dibley, Sustainability Supervisor, CR&R

3-2-18 741 836 4949

CR&R would not need to obtain additional garbage trucks to serve the project site.

CR&R collects organic waste. CR&R currently provides customers with a 65-gallon cart for organic waste (about the size of a large residential trash cart). CR&R is working to get approval from the City of San Juan Capistrano for use of 2-cubic-yard organic waste containers.