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**Federal Communications Commission**  
**Public Safety and Homeland Security Bureau**

**RADIO STATION AUTHORIZATION**

**LICENSEE:** COUNTY SANITATION DISTRICTS OF ORANGE  
COUNTY

**ATTN:** TECHNOLOGY DIVISION  
COUNTY SANITATION DISTRICTS OF ORANGE COUNTY  
1382 BELL AVENUE  
TUSTIN, CA 92780-6430

|                                                               |                                  |
|---------------------------------------------------------------|----------------------------------|
| <b>Call Sign</b><br>KTC872                                    | <b>File Number</b><br>0011019992 |
| <b>Radio Service</b><br>PW - Public Safety Pool, Conventional |                                  |
| <b>Regulatory Status</b><br>PMRS                              |                                  |
| <b>Frequency Coordination Number</b>                          |                                  |

**FCC Registration Number (FRN):** 0001525690

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>06-15-2021 | <b>Effective Date</b><br>04-10-2024 | <b>Expiration Date</b><br>06-14-2031 | <b>Print Date</b><br>04-10-2024 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

**STATION TECHNICAL SPECIFICATIONS**

**Fixed Location Address or Mobile Area of Operation**

- Loc. 1**    **Address:** 10844 ELLIS AVE  
**City:** FOUNTAIN VALLEY      **County:** ORANGE      **State:** CA  
**Lat (NAD83):** 33-41-35.1 N    **Long (NAD83):** 117-56-22.2 W    **ASR No.:**    **Ground Elev:** 8.0
- Loc. 2**    **Area of operation**  
Other: VIC: ORANGE COUNTY CA
- Loc. 3**    **Area of operation**  
Other: VIC: ORANGE COUNTY CA
- Loc. 4**    **Address:** 22212 BROOKHURST AVE  
**City:** HUNTINGTON BEACH      **County:** ORANGE      **State:** CA  
**Lat (NAD83):** 33-38-15.2 N    **Long (NAD83):** 117-57-40.7 W    **ASR No.:**    **Ground Elev:** 4.0
- Loc. 5**    **Area of operation**  
Operating within a 32.0 km radius around fixed location 4
- Loc. 6**    **Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: CA

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

**Licensee Name:** COUNTY SANITATION DISTRICTS OF

**Call Sign:** KTC872

**File Number:** 0011019992

**Print Date:** 04-10-2024

**Antennas**

| Loc No.                                                                                   | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|-------------------------------------------------------------------------------------------|---------|-------------------|-----------|-----------|------------|---------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1                                                                                         | 1       | 000453.37500000   | FBC       | 1         | 300        | 11K3F9W<br>7K60FXE  | 90.000               | 418.000     | 42.0               |                 |                         |
| 1                                                                                         | 1       | 000453.37500000   | FB2C      | 1         | 300        | 11K3F9W<br>7K60FXE  | 90.000               | 418.000     | 42.0               |                 |                         |
| 2                                                                                         | 1       | 000458.37500000   | FX1T      | 35        |            | 11K3F9W<br>7K60FXE  | 15.000               | 75.000      |                    |                 |                         |
| 3                                                                                         | 1       | 000453.37500000   | MO        | 300       |            | 11K3F9W<br>7K60FXE  | 110.000              | 300.000     |                    |                 |                         |
| 3                                                                                         | 1       | 000453.88750000   | MO        | 20        |            | 11K3F9W<br>7K60FXE  | 2.000                | 2.000       |                    |                 |                         |
| <b>Frequency 000453.88750000 Special Condition</b><br>Authorization on a secondary basis. |         |                   |           |           |            |                     |                      |             |                    |                 |                         |
| 3                                                                                         | 1       | 000458.37500000   | MO        | 300       |            | 11K3F9W<br>7K60FXE  | 110.000              | 300.000     |                    |                 |                         |
| 4                                                                                         | 1       | 000453.53750000   | FB2       | 1         |            | 7K60FXE             | 90.000               | 100.000     | 15.0               | 4.6             | 09-27-2018              |
| 4                                                                                         | 1       | 000453.53750000   | FB        | 1         |            | 7K60FXE             | 90.000               | 100.000     | 15.0               | 4.6             | 09-27-2018              |
| 5                                                                                         | 1       | 000453.53750000   | MO        | 300       |            | 7K60FXE             | 40.000               | 40.000      |                    |                 | 09-27-2018              |
| 5                                                                                         | 1       | 000458.53750000   | MO        | 300       |            | 7K60FXE             | 40.000               | 40.000      |                    |                 | 09-27-2018              |
| 6                                                                                         | 1       | 000458.53750000   | FX1       | 1         |            | 7K60FXE             | 40.000               | 40.000      |                    |                 |                         |

**Control Points**

**Control Pt. No. 1**

**Address:** 10844 ELLIS AVE

**City:** FOUNTAIN VALLEY **County:** ORANGE **State:** CA **Telephone Number:** (714)962-2411

**Control Pt. No. 2**

**Address:** 22212 BROOKHURST AVE

**City:** HUNTINGTON BEACH **County:** ORANGE **State:** CA **Telephone Number:** (714)593-7227

**Associated Call Signs**

**Licensee Name:** COUNTY SANITATION DISTRICTS OF

**Call Sign:** KTC872

**File Number:** 0011019992

**Print Date:** 04-10-2024

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**Waivers/Conditions:**

Antenna structures for land, base and fixed stations authorized for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.