

<b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b> <b>ENGINEERING AND COMPLIANCE DIVISION</b> <b>PERMIT APPLICATION EVALUATION AND CALCULATIONS</b>	PAGES 1	PAGE 1
	APPL NO 565929	DATE 9/19/2014
	PROCESSED BY GCR	CHECKED BY JST

**TITLE V PERMIT REVISION EVALUATION**  
**(Minor Permit Revision)**

**APPLICANT'S NAME:** ORANGE COUNTY SANITATION DISTRICT (OCSD)

**MAILING ADDRESS:** 10844 ELLIS AVENUE  
FOUNTAIN VALLEY, CA 92708  
ATTN.: TERRY AHN, REGULATORY SPECIALIST

**EQUIPMENT ADDRESS:** 22212 BROOKHURST STREET  
(WASTEWATER TREATMENT PLANT NO. 2)  
HUNTINGTON BEACH, CA 92646-8406

**FACILITY ID NO.:** 029110

**Background:**

This application 565929 was submitted for Title V permit revision on 6/25/2014. This revision is to include proposed modifications (A/N 565930) to the existing permit to operate G27920, odor control equipment to treat foul-air from the existing trickling filters (TF) facility.

Most recent Title V permit revision for this facility was issued on 6/26/2014 (A/Ns 545502-de minimis significant revision and 556625- minor revision).

**Evaluation:**

The proposed modification is to add single-stage chemical scrubber (upstream of the existing GAC odor control system) to treat foul-air from the trickling filter. There are 3 trickling filters and exhaust from each will be treated by its' designated chemical scrubber prior to air discharge into the atmosphere. Initially, existing GAC vessels will be empty and foul-air treated by scrubber will pass through it. However, GACs will be kept as optional polishing units if needed in future. Each scrubber will treat 11,000 cfm foul-are from each of the TF.

This is considered a minor permit revision with no change in permitted wastewater treatment plant throughput and no net increase in emissions. Also, foul air flow rate to be treated by the proposed APC system is same and improved odor control is expected based on OCSD's experience with other chemical scrubbers permitted. With no net increase in emissions, new odor control system is not subject to additional requirements for NSPS or NESHAP, pursuant to 40 CFR 60 and 40 CFR 63.

No public notice is required for this minor revision; however, EPA 45-day review is required.

**Rules Evaluation:**

Compliance with Reg. XXX -Title V permit and applicable rules and regulations is expected.

**Note:** No NOV or NC was issued per SCAQMD records; 2012 - 9//19/2014. Two odor complaints were received on 5/02/12, however, no alleged source for odor was determined.

**Conclusions & Recommendations:**

Issue a Title V minor permit revision with (Section H, 08) upon completion of EPA review and approval period.