



**REVIEW OF WAIVER REQUEST FROM SAN FRANCISCO ENVIRONMENT CODE,
 CHAPTER 25: CLEAN CONSTRUCTION REQUIREMENTS FOR PUBLIC PROJECTS**

Date: January 7, 2021
 Project/Location: Biosolids Digester Facilities Project,
 Location (Facility or street): Southeast Plant (750 Phelps Street)
 Contractor: Malcolm Drilling Inc.

Project is within the Air Pollution Exposure Zone (APEZ). Contractor has requested a waiver for the following equipment: Davey Kent/CAT 920 drill rig, a Tier 2 without a VDEC¹

- I deny the waiver request.
- I approve the waiver request on the following basis:

Section 2505. The Department Head may waive the equipment requirements of Subsection (a)(1) if:

- The particular piece of off-road equipment with an ARB Level 3 VDECS is technically not feasible
- The equipment would not produce desired emissions reduction due to expected operating modes; installation of the equipment would create a safety hazard or impaired visibility for the operator
- There is a compelling emergency need to use off-road equipment that is not retrofitted with an ARB Level 3 VDECS

Section 2507.

- Emergency. Emergency contract awarded under the emergency provisions of Administrative Code Section 6.60 and there is no immediately available contractor capable of performing the work in compliance with this [Chapter 25](#).
- Performance Standards. There are no complying off-road vehicles or off-road engines for some or all of the required work.
- Cost Prohibitive. Compliance would be cost prohibitive under the circumstances.
- Other: The specific equipment is essential to complete the project and this waiver will not cause the project to cumulatively exceed 25% of the total operating hours of all off-road equipment or off-road engines used on the Project.

Comment: This specialized piece of equipment is needed to drill the micropiles that will support the new digesters. Contractor may only use this equipment for this specific activity and shall then remove it from the project. Due to technical limitations, it is not feasible to install any type of VDEC on this piece of equipment.² Pursuant to Table 25.5.1. of the code, the Contractor is subject to Compliance Alternative 3 and shall operate this equipment on renewable diesel (an alternative fuel).

Alan Johanson
 Manager, Construction Management Bureau

Attachments: Contractor waiver request with supporting materials

¹ VDEC means Verifiable Diesel Emission Control Strategy.
² Details available upon request.

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