

Noise measurements and modelling of noise immissions at diesel power plant

Curaçao, 2018

Client info:



Name: Aqualectra

Sector: Power/Utility

Location: Curaçao

Aqualectra is Curaçao's utility company responsible for the production and distribution of power and water as well as the delivery of accompanying services.



Rationale: Aqualectra has asked EcoVision to perform noise measurements and modelling of sound immissions at their Dokweg II-A diesel power plant. Aqualectra required a noise investigation in order to comply with their environmental permit.

Approach: EcoVision carried out noise measurements and modelled noise immissions in order to determine if local noise guidelines were exceeded. The measurements and modelling were done in accordance with the Dutch method: Measuring and modelling noise of industrial origin (Handreiking meten en rekenen industrielawaai). GeoMilieu software was used for the noise modelling. A calibrated noise measurement device was used for the measurements.

Outcome: A noise report was submitted to Aqualectra.