



GOAL

Validation of gas diffusion coefficients from lab (cm) scale on a larger (meter) scale.

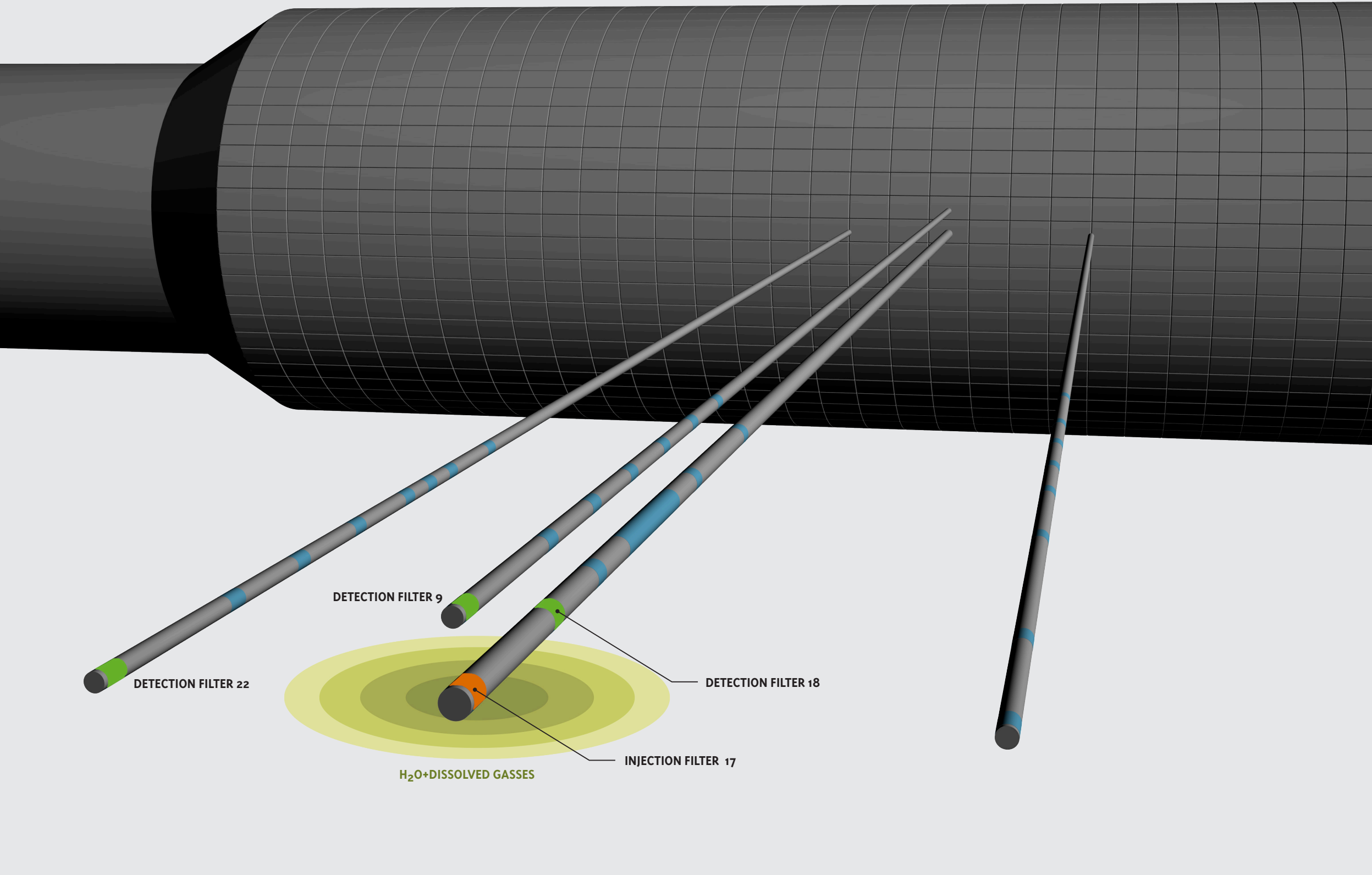
GAS (NEON) IS DISSOLVED IN WATER AND INJECTED THROUGH FILTER 17

THE DISSOLVED NEON WILL DIFFUSE FROM FILTER 17 INTO THE SURROUNDING CLAY

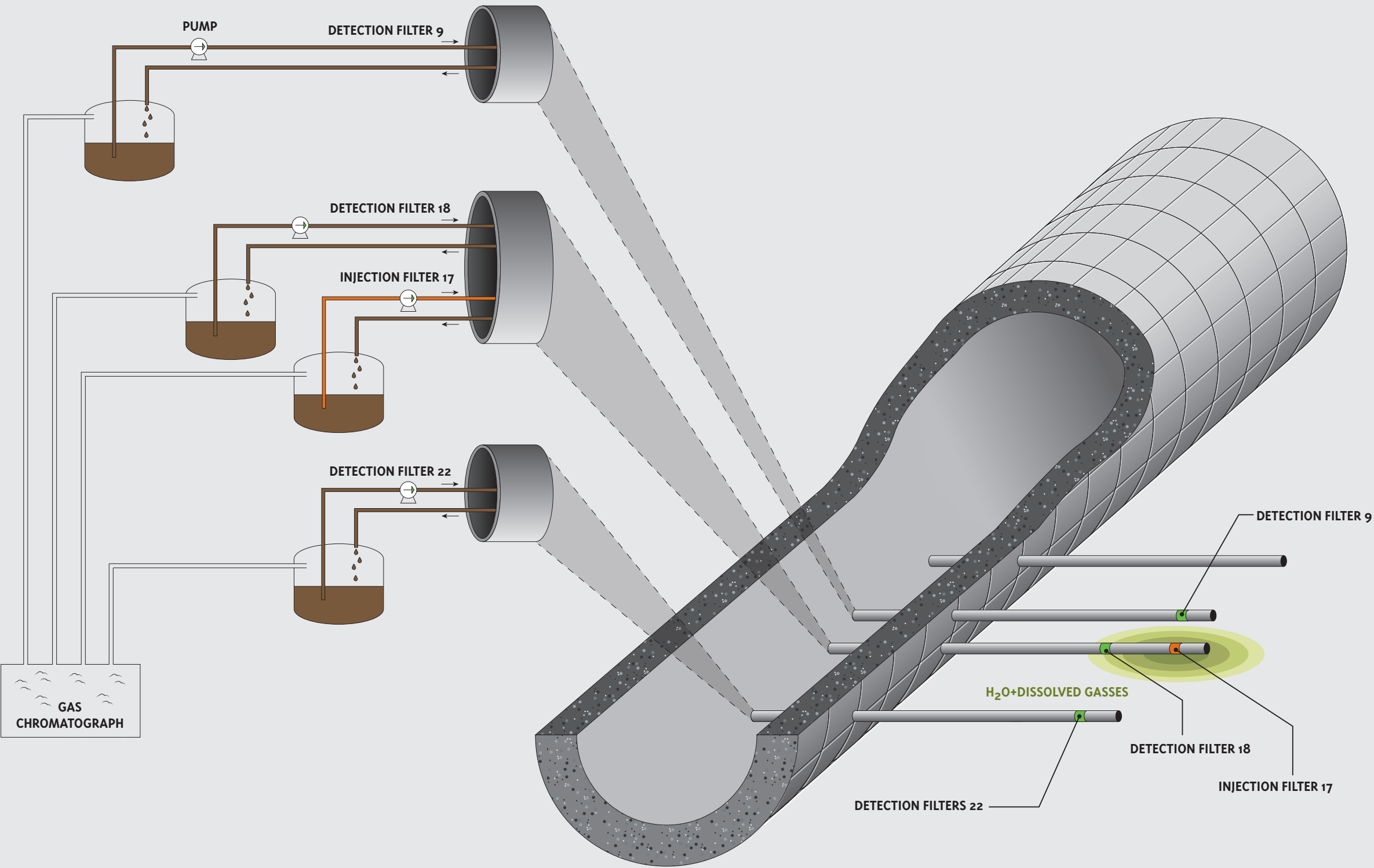
FILTER 9, 18 AND 22 WILL BE USED TO DETECT THE DIFFUSED NEON

BY MEASURING THE DIFFUSED NEON IN FUNCTION OF TIME, GAS DIFFUSION COEFFICIENTS IN 3 DIMENSIONS CAN BE CALCULATED

CONTRARY TO PREVIOUS GAS EXPERIMENTS, NEMESIS IS ONLY FOCUSING ON DIFFUSIVE GAS TRANSPORT



NEon diffusion in MEgaS In Situ



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