



MEMORANDUM FOR THE RECORD

From: Leah Rohan, Environmental Engineer, City of Walla Walla
Date: August 20, 2024
Subject: Dye Testing of Janitorial Sink in 106 N. 2nd Avenue Building

- August 20, 2024 –
 - In response to the letter from Sam Rudnick, emailed on August 15, 2024, the City dye tested the janitorial sink in the 106 N. 2nd Avenue building (building). This janitorial sink is where the Clean Harbors treatment system discharges into.
 - The camera was first placed in the cleanout in the sidewalk on 2nd Avenue (refer to picture #2). Dye tablets were then placed in the janitorial sink (refer to picture # 1) located on the first floor of the building, and the water to the sink was slightly opened. No dyed water was visible in the cleanout on 2nd Avenue.
 - The sewage sump for the building was inspected and green dyed water was visible in the sump (refer to pictures #3 and 4). The sump pump was manually activated to empty the sump. The water to the janitorial sink was then increased to full flow. The City streets crew performing the video inspection on 2nd Avenue was consulted and no dyed water was visible in the cleanout.
 - The City streets crew relocated the camera to the cleanout located in the sidewalk on Rose Street (refer to picture #5). Water that appeared to be slightly green from the dye tablets was visible on first inspection. More dye tablets were added to the janitorial sink and water that was very obviously green from the dye tablets was visible in the cleanout on Rose Street (refer to pictures #6 and 7). This dye testing confirmed that the water from the janitorial sink does discharge to the City sewer system on Rose Street.



Figure 1: Map of area where dye testing performed and location of known sewer lines (Source: City's GIS mapping)



Figure 2: Street view of 106 N. 2nd Avenue building showing the cleanout where the video inspection was performed (Source: Google Maps)

2nd
Avenue

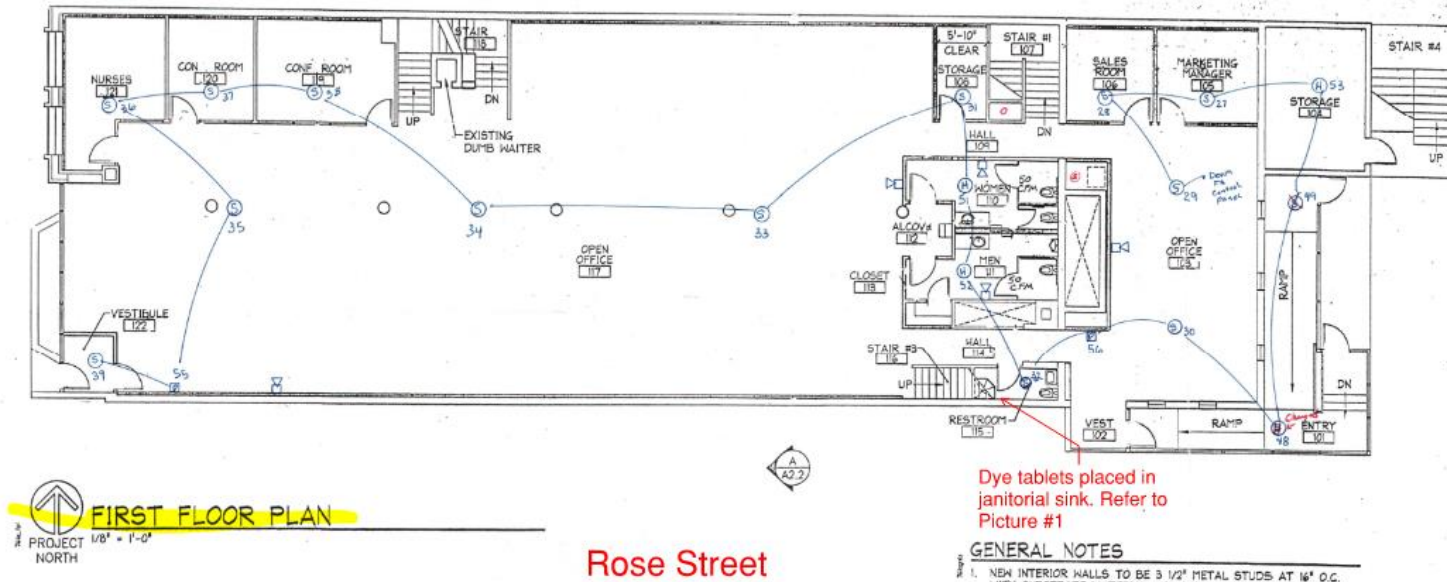
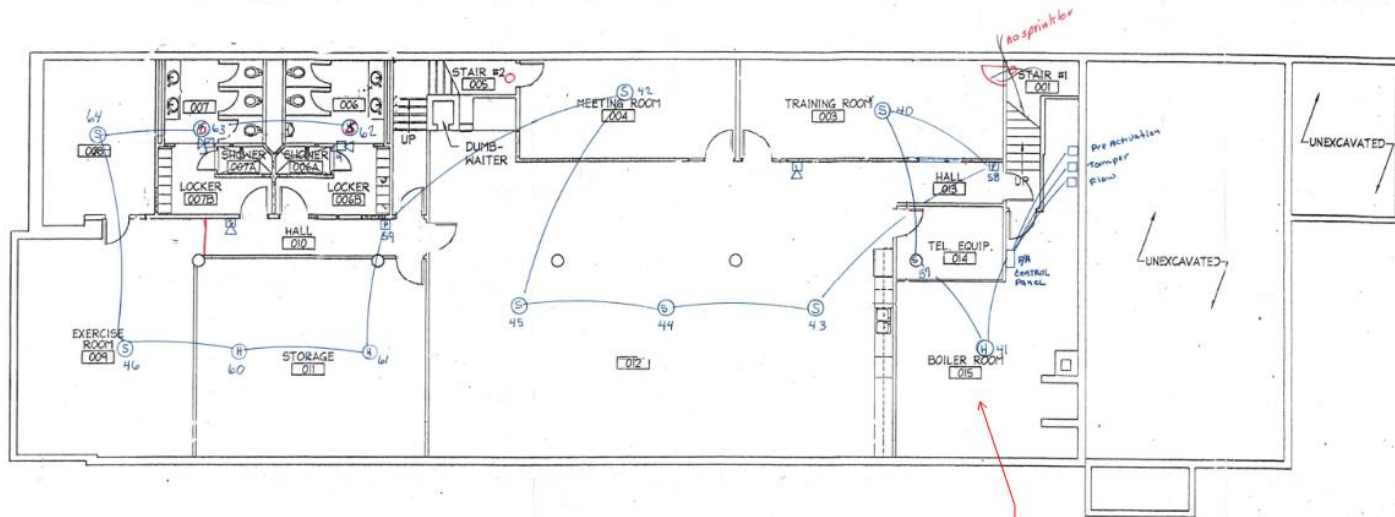


Figure 3: 1998 floor plan for the first floor of the 106 N. 2nd Avenue building and the location of the janitorial sink and where dye tablets were placed (Source: 5/12/1998 Integrus Architecture Mechanical-HVAC Plans)

2nd Avenue



BASEMENT FLOOR PLAN
 PROJECT NORTH
 1/8" = 1'-0"

Rose Street

Location of sewage sump. Green dye visible. Refer to Pictures #3 and 4

Figure 4: 1998 floor plan for the basement floor of the 106 N. 2nd Avenue building and the location of the sewage sump and where dyed water from the janitorial sink was first located (Source: 5/12/1998 Integrus Architecture Mechanical-HVAC Plans)



Picture 1: Janitorial sink where Clean Harbors treatment system discharges into. Location of where dye tablets were added



Picture 2: Video inspection of cleanout located in sidewalk on 2nd Avenue



Picture 3: Sewage sump. Located in the basement, below the janitorial sink



Picture 4: dyed water (green) visible in sewage sump



Picture 5: Video inspection of cleanout in sidewalk on Rose Street. Dyed water (green) visible in cleanout



Picture 6: Screen of video inspection of cleanout in sidewalk on Rose Street. Dyed water (green) visible



Picture 7: Screen of video inspection of cleanout in sidewalk on Rose Street. Dyed water (green) visible