



San José-Santa Clara
Regional Wastewater Facility

CIP Program

February 9, 2015

Division of Occupational Safety and Health
Research and Standard Unit
1515 Clay Street, Suite 1901
Oakland, CA 94612

Attention: Mr. Eric Berg

Subject: Confined Space Clarification

Dear Mr. Berg,

City of San Jose is currently undertaking a design for a new Ferric Chloride Feed Station at the San Jose – Santa Clara Regional Wastewater Facility. As shown in the attached 60% design drawings prepared by design consultant – CH2M HILL, the station includes two separate compartments – one for four 11,000 gallons ferric chloride storage tanks and the other for three ferric chloride feed pump skids. A secondary containment wall of 5.5 feet in height is surrounding these two compartments not only to protect corrosive ferric chloride solution from leaking or spilling over to outside environment but also to prevent the 100-year storm water from entering the area and damaging the process equipment. Each compartment is provided with two standard 3-foot wide FRP stairways for entry and exit.

To clarify the definition whether the “confined space” will apply to this new station design, I have contacted Mr. Wayne Hom of your office by phone on Thursday, February 5. From what I described to him about the current design features of this station, he did not consider it will be categorized as “confined space” because it does not have limited or restricted means for entry or exit. However, he suggested me to contact you for an official review and clarification for the “confined space” status for this new station.

We are currently at the 60% design stage for this Iron Salt Feed Station Project. We would appreciate very much of your prompt review and receiving your clarification of the “confined space” status for this new station by next Wednesday, February 18, if possible so that it will not have an impact on the ability of the design consultant to complete the 90% design submittal by mid-March 2015. Please call me at (408) 945-5102 or email me at john.chien@sanjoseca.gov if you have any questions.

Sincerely,

John Chien, P.E.
Associate Engineer
Environmental Services Department
City of San Jose



San José-Santa Clara
Regional Wastewater Facility

Email. john.chien@sanjoseca.gov

Enclosed: Drawing 00C3039 – Site Plan – Ferric Chloride Feed Station
Drawing 06S3002 – Ferric Chloride Feed Station Top Plan (Structural)
Drawing 06S3003 – Ferric Chloride Feed Station Enlarged Stair Plans (Structural)
Drawing 06S3004 – Ferric Chloride Feed Station Sections (Structural)
Drawing 06S3005 – Ferric Chloride Feed Station Sections (Structural)

cc: Lily Zhu – City of San Jose