

Attachment 7 – Summary of Tank Floor Conditions

TK-01

- API 653 Out-of-Service Inspection Report prepared by TEAM Industrial, dated September 2008.
- Epoxy coating was applied on the internal of the tank bottom in 1996.
- At the time of the inspection, the internal epoxy coating was in poor condition; however, the **tank bottom plates** were in **very good condition** with **minimum metal loss** (i.e. corrosion).
- Based on the actual thickness measurements of the tank bottom plates at the time of the inspection, the corrosion rate was determined to be 0.002 inches per year. The calculated remaining life of the tank floor was 35 years.
- **As the tank floor, at the time of the last inspection, complied with the API 653 code requirements, there is assurance that no tank contents had escaped TK-01.**

TK-03

- API 653 Out-of-Service Inspection Report prepared by TEAM Industrial, dated July 2008.
- Epoxy coating was applied on the internal of the tank bottom in around 1996.
- At the time of the inspection, the internal epoxy coating was in poor condition; however, the tank bottom plates were in decent condition with isolated pitting in a few locations.
- Based on the actual thickness measurements of the tank bottom plates at the time of the inspection, the corrosion rate was determined to be 0.002 inches per year.
- A few patch plates were installed on the tank floor in 2008 to **increase the remaining life of the tank floor to 20 years.**
- **With the final tank floor condition, and the improvement made in 2008 to extend the remaining life, complying with API 653 code requirements; it can be confidently stated that no tank contents had escaped TK-03.**

TK-04

- API 653 Out-of-Service Inspection Report prepared by TEAM Industrial, dated August 2008.
- Tank bottom was coated with epoxy coating on the internal. Installation timeline of the epoxy coating was not recorded.
- At the time of the inspection, the **internal epoxy coating** was found to be in **good condition**. The tank bottom plates experienced minimum underside corrosion. The corrosion rate was determined to be less than 0.001 inches per year.
- **The good condition of the internal epoxy coating and minimum underside corrosion of the tank bottom plates provided assurance that no tank contents had escaped TK-04.**