



**CASE HISTORY**

**A large petroleum refinery completely eliminates H<sub>2</sub>S levels exceeding 8,000 ppm in their SRU plant sump in only 5 hours using FQE<sup>®</sup> H<sub>2</sub>S Scavenger**



**Results Achieved**

Complete elimination of hydrogen sulfide level

Zero LEL's

5 hours total time

**Chemicals Utilized**

**FQE<sup>®</sup> H<sub>2</sub>S Scavenger**

A large petroleum refinery plant in the Southern United States used our FQE H<sub>2</sub>S Scavenger product to eliminate high hydrogen sulfide levels in the SRU plant sump.

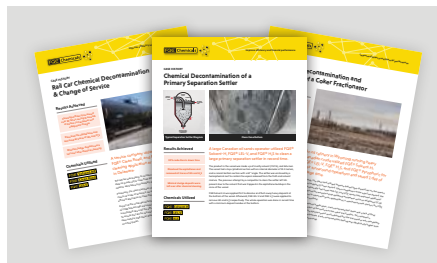
The sump contained contaminated water at dangerously high levels of hydrogen sulfide over 8,000 ppm. The typical cleaning process resulted in work stoppage and extended purging of air through the system to carbon canisters to void the equipment of hazardous levels of hydrogen sulfide.

A solution of FQE H<sub>2</sub>S Scavenger was injected into the sump contents and the liquid was circulated for 1 hour to eliminate the dissolved hydrogen sulfide. After 1 hour of circulation the air space above the sump fluids were treated by spray to remove the vapor-phase hydrogen sulfide. The sump air space was checked and found to be void of H<sub>2</sub>S with sump liquid having non-detectable hydrogen sulfide.

The total time for decontamination was 5 hours. The waste water was sent directly to waste water treatment without delay. Previous decontamination work done required much more time and the high expense of activated carbon canisters.



Visit our website to access technical bulletins, white papers, videos and our extensive library of case histories.



### Case Histories

Access a wide range of case histories to learn about the variety of applications our chemicals are utilized for.

[fqchemicals.com/case-histories](http://fqchemicals.com/case-histories)



### White Papers

Our white papers provide deep insights into industry problems and how our innovative chemical products solve them.

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### Video Library

View videos from our lab where we have tested a range of client samples to show how effective our chemicals are.

[fqchemicals.com/videos](http://fqchemicals.com/videos)

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