

TA-3

2/7/94

Aggregation of WWTP at TA-3

The waste water treatment plant (WWTP) at TA-3 is an inactive sanitary treatment system located east of the mechanical utilities shop, TA-3-223, near the head of Sandia Canyon. It consists of two parallel systems; the north plant (Plant #1) was built in 1951 and the south plant (Plant #2) was built in 1964. The two plants operated identically and differ only in some dimensions. The WWTP was taken off-line in 1992 when the Laboratory's Sanitary Waste System Consolidation plant became operational. The PRSs associated with the components of the TA-3 WWTP are listed below:

<u>PRS</u>	<u>Description</u>
3-014(a, e)	Imhoff tanks
3-014(b, f)	Dosing siphons
3-014(c, g)	Trickling filters
3-014(d, h)	Secondary clarifiers
3-014(i)	Splitter box
3-014(j)	Effluent pump pit
3-014(k, l, m, n)	Sludge drying beds
3-014(o)	Sludge drying beds (3)
3-014(p, s, t)	Sewage lift stations
3-014(q)	Effluent tank
3-014(r)	Sewage pump station
3-014(u)	Holding tank
3-014(v, w, x, y, z, a2)	Floor drains
3-014(b2, c2)	Outfalls

Based on the process operation, types of potential contaminants, geographical proximity, and the investigation needed to assess the above 29 PRS, it is proposed that they be aggregated under one PRS number. The suggested PRS number is 3-014.

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