[redacted]

CALCULATION COVER SHEET

[redacted]

[redacted]

[redacted]

Peak Flash Emission Calculation

		Tank Info			Volume Calcs						Pipe		Flash Emissions			TANKS - Working/Breathing				Summary[1]	
[redacted]	[redacted]	[redacted]	[redacted]	Tank Vapor Space	Hysys Ind. Flow(c)	Ind. Flow(c)	Volume in Dump Time	[redacted]	Comb. Flow	Comb. V in Dump Time	[redacted]	[redacted]	Ind. Flow(c)	Remaining Ind. Flow (1 tank)	Remaining Ind. Flow (all tanks)	Total WB Losses	Vapor Density	Vapor Emitted	Vapor Emitted	[redacted]	Pipe Capacity

[redacted]

[redacted]

Peak Flash Emission Calculation

		Tank Info			Volume Calcs						Pipe		Flash Emissions			TANKS - Working/Breathing				Summary[1]	
EPA Site Number	Facility	Duration [sec]	# of Tanks	Tank Vapor Space Capacity [ft^3]	Hysys Ind. Flow(s) [ACFM]	Ind. Flow(s) [ft^3/s]	Volume in Dump Time [ft^3]	Comb. Flow [ACFM]	Comb. Flow [ft^3/s]	Comb. V in Dump Time [ft^3]	Hysys Capacity [ACFM]	Capacity [ft^3/s]	Ind. Flow(s) [ft^3/s]	Remaining Ind. Flow (1 tank) [ft^3/s]	Remaining Ind. Flow (all tanks) [ft^3/s]	Total W/B Losses (lb/yr)	Vapor Density (lb/ft^3)	Vapor Emitted (ft^3/yr)	Vapor Emitted (ft^3/s)	Peak flow - tank vapor (ft^3/sec)	Pipe Capacity (ft^3/sec)

[redacted]