

Ammonia Production

40 CFR Part 418, Subpart B

Production Level, tpd	2067
Production Level, 1000 lb/day	4134

BAT ELGs	
Monthly Average, lb/1000 lb production	0.025
Daily Maximum, lb/1000 lb production	0.05

Ammonium Nitrate Production

40 CFR Part 418, Subpart D

Production Level, tpd	1486
Production Level, 1000 lb/day	2972

BAT ELGs	NH3-N	Nitrates
Monthly Average, lb/1000 lb production	0.04	0.07
Daily Maximum, lb/1000 lb production	0.08	0.12

Nitric Acid Production

40 CFR Part 418, Subpart E

Production Level, tpd	1578
Production Level, 1000 lb/day	3156

BAT ELGs	NH3-N	Nitrates
Monthly Average, lb/1000 lb production	0.008	0.023
Daily Maximum, lb/1000 lb production	0.08	0.17

ELG Limit Calculations

	Monthly Avg., lb/day	Daily Max., lb/day
NH3-N	247.478	696.94
Nitrates	280.628	893.16

Watershed Analysis

	lb/day
NH3-N	116.5
Nitrates	113.5

Total Technology Based Limits

	Monthly Avg., lb/day	Daily Max., lb/day
NH3-N	363.978	813.44
Nitrates	394.128	1006.66