

Flow Data

Flow, gal/animal	Details	Source	Comment
200	Flow is a permit value from a large plant; discharge is a 2-acre sprayfield	From Iowa Beef Processors, Wallula, WA	Data reported in WA permit SWDP-8075 for Carefree meats / McCary Country Meats
51 veal	This is for a veal processor using a drainfield Flow based on 1,276 gpd, 6 days/wk, 150 calves	Lampaert Meats	Data reported in WA permit SWDP-3974 for Lampaert Meats (ZYK Meats)
50 for beef 10 for lamb	Separation of byproducts mandatory (including blood?)	Gabriel Claycamp new small plant in WA	From NMPAN
150-200 beef half that for lamb, goats, hogs	Strongly recommends blood separation	Arion Thiboumery Lorenz Meats, MN	From NMPAN
100 beef	This is a permitted value from NC	Debbie Bost	From NMPAN
100 on slaughter days 40 on non-slaughter	Blood can be separated and/or aerated but still goes to sewer	Matthew Campbell	From NMPAN
45 - 60 lamb	Based on reported flow and design animal processing capacity of 3,000.	Superior Packing, Dixon, CA	2011 data from submittals for CA Waste Discharge Requirements 97-100

Water Quality Data

BOD, mg/l	TSS, mg/l	EC, umho/cm	TDS, mg/l	TN, mg/l	TKN, mg/l	Cl, mg/l	Total Coliform org/100 ml	Comment
2,500	900	1,100		100				WA Dep Ecology State Waste Discharge Permit 8075
127			375	93.2	93	58.6	650,000	WA Dep Ecology State Waste Discharge Permit 3974 blood and first rinse of blood sump are sent off-site
134 - 165	86 - 38			22 - 55	nitrate-N: 4 - 7			Purdue constructed wetlands study - first value is poultry processing, second is an animal shelter. Samples collected after septic tank treatment
1,020	396							Small plant in the Midwest slaughtering red meat, and furthering processing grinds and cooked products. Other averages reported: pH - 7.2 C, oil and grease - 651 mg/L.
		61	830	67	61	38		Other averages reported: pH - 7.5, sodium - 81 mg/l, DO - 5.8 mg/l