ATTACHMENT Q

Table 9. Comparison of Biomass and OE Emissions
Ranges 43 through 48
Former Fort Ord, California

Air Contaminant		Total Air Emissions (lbs) Ordnance Detonation	Total Air Emissions (lbs) Biomass Burning	Ordnance % of Biomass Emissions
Carbon Monoxide		1.01E+01	1.11E+06	0.001%
Carbon Dioxide		2.98E+02	2.35E+07	0.001%
Nitrogen Oxides		3.33E+00	3.41E+04	0.010%
Non-Methane Hydrocarbons		3.20E-01	1.42E+05	0.000%
Particulate Matter < 10 microns		5.82E+01	1.46E+05	0.040%
1,3-Butadiene		1.86E-03	1.07E+03	0.000%
n-Hexane		1.07E-03	9.73E+01	0.001%
Methyl Chloride		6.96E-04	7.20E+04	0.000%
Benzene		2.25E-02	2.87E+03	0.001%
Toluene		8.24E-03	2.82E+03	0.000%
Dioxin/Furan Toxicity Equivalent		4.23E-07	2.89E-05	1.465%
Metals:	Aluminum	1.05E+02	4.45E+03	2.366%
	Antimony	1.24E-01	2.31E+00	5.383%
	Arsenic	2.96E-02	2.50E+00	1.185%
	Beryllium	9.56E-03	2.11E-02	45.344%
	Cadmium	3.96E-01	5.77E+00	6.861%
	Chromium	4.73E-01	7.34E+00	6.451%
	Copper	4.34E+00	5.30E+01	8.191%
	Lead	1.69E+00	1.55E+01	10.871%
	Mercury	7.65E-03	1.13E+00	0.680%
	Nickel	2.54E-01	9.20E+00	2.764%
	Selenium	3.18E-02	2.02E+00	1.570%
	Silver	2.45E-01	2.80E+00	8.745%
	Zinc	2.95E+01	3.62E+02	8.164%

CO: Carbon Monoxide
NO_x: Nitrogen Oxides
NMHC: Non-Methane Hydrocarbons
PM_{10}: Particulate Matter less than 10 microns
C_4H_6: 1,3-Butadiene
C_6H_{14}: n-Hexane
CH_3Cl: Methyl Chloride
C_6H_6: Benzene
$C_6H_5CH_3$: Toluene

TEQ_{DF}: Dioxin/Furan Toxicity Equivalent
CH_2=CHCl: Vinyl Chloride
Cl_2C=CCl_2: Tetrachloroethylene
CCl_4: Carbon Tetrachloride
CH_2Cl_2: Methylene Chloride
$C_3H_6N_6O_6$: RDX
$C_4H_8N_8O_8$: HMX
$C_5H_8N_4O_{12}$: PETN
$C_7H_5N_3O_6$: TNT

Note: Metal emissions from OE include emissions from both detonation and plant uptake.