

Table 2.11 Example of Overall Treatment Level (OTL) Computation.

Select Scale (A – D):	A	Note: See discussion on the scale type in “Basics” tab of the spreadsheet				
Septic tank effluent : data type (1, 2, 3, 4)	2	Note: See discussion and calculations on septic tank effluent data type in “RemovalRates” tab of the spreadsheet.				
		<b>Treatment Level 1</b>	<b>Treatment Level 2</b>	<b>Treatment Level 3</b>	<b>Treatment Level 4</b>	<b>Treatment Level 5</b>
Overall Treatment Level OTL =		21%	70%	85%	96%	100%
Group Treatment Levels						
Group 1 (BOD <sub>5</sub> , TSS, Oil and Grease)		21%	30%	32%	33.3%	33.3%
Group 2 (Total N and Total P)		0%	10%	20%	30%	33.3%
Group 3 (Fecal coliform)		0%	30%	33%	33%	33.3%
<b>Constituent</b>	<b>Weight</b>					
BOD <sub>5</sub>	0.1111111	44.4% <sup>*</sup>	90.0% <sup>†</sup>	95.0%	99.0%	100%
TSS	0.1111111	72.2%	90.0%	95.0%	99.0%	100%
Oil and Grease	0.1111111	69.5%	90.0%	95.0%	99.0%	100%
Total N	0.1666667	0%	30.0%	60.0%	90.0%	100%
Total P	0.1666667	0%	30.0%	60.0%	90.0%	100%
Fecal coliform	0.3333333	0%	90.0%	99.0%	99.99999%	100%

\* The values for septic tank removal rates are from the Table 2.10 for septic tank without effluent filter and minimum removal rates.

† The values for treatment levels 2, 3, 4, and 5 are based on proposed standards for these types of advanced onsite treatment systems.