

# WEIGHT DISTRIBUTION

					19-Nov-07
<b>Contract or</b>					
<b>Proposal Name:</b>	Demo 107				
<b>Calculated By:</b>	Melissa Bowling				
<b>Approved By:</b>					
<b>Revision:</b>					
<b>Type of Chassis:</b>	PETERBILT 340 2- DOOR				
<b>Type of Pump:</b>	Waterous S100C10				
<b>Wheel Base:</b>	216				
<b>Cab to Axle:</b>	146.2				
<b>Tank Capacity:</b>	1000				
	<b>INCHES</b>	<b>%</b>	<b>TOTAL</b>	<b>REAR</b>	<b>FRONT</b>
<b>ITEM</b>	<b>FORWARD OF</b>	<b>ON</b>	<b>WEIGHT</b>	<b>WEIGHT</b>	<b>WEIGHT</b>
	<b>REAR WHEEL</b>	<b>REAR</b>	<b>(pounds)</b>	<b>(pounds)</b>	<b>(pounds)</b>
<b>Chassis</b>		0%	12,560	4,860	7,700
		0%		0	0
		0%		0	0
		0%		0	0
		0%		0	0
		0%		0	0
		0%		0	0
		0%		0	0
<b>Pump Module</b>	106	51%	750	382	368
<b>Body Module</b>	-11	105%	4500	4,729	(229)
<b>Poly Tank (w/water)</b>	9	96%	9250	8,865	385
<b>Driver and Officer</b>	215	0%	500	2	498
	167	23%		0	0
<b>Hose Bed</b>	-16	107%	1000	1,074	(74)
<b>Add. Equipment front</b>	48	78%	1000	778	222
<b>Add. Equipment Rear</b>	-54	125%	1000	1,250	(250)
		0%		0	0
		0%		0	0
<b>Bumper Ext.</b>		0%		0	0
<b>Pump</b>	90	58%	1400	817	583
<b>Preconnects</b>	115	47%	400	187	213
		0%		0	0
		0%		0	0
		0%		0	0
		0%		0	0
<b>Total:</b>			<b>32,360</b>	<b>22,944</b>	<b>9,416</b>
<b>GAWR</b>			<b>38,000</b>	<b>26,000</b>	<b>12,000</b>
<b>Load as % of Total:</b>			<b>100%</b>	<b>71%</b>	<b>29%</b>
<b>Calculated Center</b>			<b>0.41</b>		
<b>of Gravity:</b>			<b>88.65</b>	<b>Inches Forward of Rear Axle</b>	