



Eden Research Laboratory

To: EcoLogic

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Regarding: MEIWA PS Tray - ASTM D5511-11 Study update (1370 days)

# Update

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	Inoculum	Negative	Positive	Control PS Tray	PS Tray W/ Eco-One EG55
Cumulative Gas Volume (mL)	3320.9	3188.2	11515.8	3669.5	21256.3
Percent CH <sub>4</sub> (%)	49.9	46.6	42.4	44.7	52.5
Volume CH <sub>4</sub> (mL)	1656.2	1486.0	4886.8	1642.0	11162.6
Mass CH <sub>4</sub> (g)	1.18	1.06	3.49	1.17	7.97
Percent CO <sub>2</sub> (%)	37.3	36.9	41.8	38.0	35.6
Volume CO <sub>2</sub> (mL)	1237.3	1178.0	4812.4	1395.4	7559.3
Mass CO <sub>2</sub> (g)	2.43	2.31	9.45	2.74	14.85
Sample Mass (g)	10	10	10	10.0	10.0
Theoretical Sample Mass (g)	0.0	8.6	4.2	9.2	9.2
Biodegraded Mass (g)	1.55	1.43	5.20	1.63	10.03
Percent Biodegraded (%)		-1.4	86.4	0.8	92.0

## Biodegradation

