APPENDIX F.

Example of TerrPlant Model Output

Table 1. Chemical Identity.	
Chemical Name	**EPTC**
PC code	**41401**
Use	**Castor beans**
Application Method	**Ground**
Application Form	**x**
Solubility in Water (ppm)	**370**

Table 2. Input parameters used to derive EECs.			
Input Parameter	**Symbol**	**Value**	**Units**
Application Rate	A	**1.76**	**y**
Incorporation	I	**1**	none
Runoff Fraction	R	**0.05**	none
Drift Fraction	D	**0.01**	none

Table 3. EECs for EPTC. Units in y.		
Description	**Equation**	**EEC**
Runoff to dry areas	(A/I)*R	0.088
Runoff to semi-aquatic areas	(A/I)*R*10	0.88
Spray drift	**A*D**	**0.0176**
Total for dry areas	**((A/I)*R)+(A*D)**	**0.1056**
Total for semi-aquatic areas	**((A/I)*R*10)+(A*D)**	**0.8976**

Table 4. Plant survival and growth data used for RQ derivation. Units are in y.				
	Seedling Emergence		**Vegetative Vigor**	
Plant type	**EC_{25}**	**NOAEC**	**EC_{25}**	**NOAEC**
Monocot	**0.015**	**x**	**0.22**	**x**
Dicot	**0.26**	**x**	**2**	**x**

Table 5. RQ values for plants in dry and semi-aquatic areas exposed to EPTC through runoff and/or spray drift.*				
Plant Type	**Listed Status**	**Dry**	**Semi-Aquatic**	**Spray Drift**
Monocot	non-listed	7.04	59.84	1.17
Monocot	listed	#VALUE!	#VALUE!	#VALUE!
Dicot	non-listed	0.41	3.45	<0.1
Dicot	listed	#VALUE!	#VALUE!	#VALUE!
*If RQ > 1.0, the LOC is exceeded, resulting in potential for risk to that plant group.				