

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Spray Drift
 Pesticide: Flutidone
 Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	Normal NOAELs (mg/kg-day)		MOE (unitless)	
									Int	Long		Int
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	4.00E-01	5.77E-05	6.43E+01	1.48E-03	2.50E+01	8.00E+00	1.68E+04	5.39E+03
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	4.00E-01	9.54E-05	6.43E+01	2.46E-03	2.50E+01	8.00E+00	1.02E+04	3.26E+03
Max	Aerial	Agricultural	Plane	Hiker/Hunter	4.00E-01	1.50E-03	6.43E+01	3.86E-02	2.50E+01	8.00E+00	6.48E+02	2.07E+02
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	4.00E-01	1.30E-03	6.43E+01	3.35E-02	2.50E+01	8.00E+00	7.47E+02	2.39E+02
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	4.00E-01	2.00E-04	6.43E+01	5.15E-03	2.50E+01	8.00E+00	4.86E+03	1.55E+03
Max	Ground	Agricultural	High Boom	Hiker/Hunter	4.00E-01	3.00E-04	6.43E+01	7.72E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03
Typical	Aerial	Agricultural	Plane	Berry - child	4.00E-01	4.00E-04	1.07E+02	1.71E-02	2.50E+01	8.00E+00	1.46E+03	4.67E+02
Typical	Aerial	Agricultural	Helicopter	Berry - child	4.00E-01	4.00E-04	1.07E+02	1.71E-02	2.50E+01	8.00E+00	1.46E+03	4.67E+02
Typical	Ground	Agricultural	Low Boom	Berry - child	4.00E-01	5.77E-05	1.07E+02	2.47E-03	2.50E+01	8.00E+00	1.01E+04	3.24E+03
Typical	Ground	Agricultural	High Boom	Berry - child	4.00E-01	9.54E-05	1.07E+02	4.09E-03	2.50E+01	8.00E+00	6.12E+03	1.96E+03
Max	Aerial	Agricultural	Plane	Berry - child	4.00E-01	1.50E-03	1.07E+02	6.43E-02	2.50E+01	8.00E+00	3.89E+02	1.24E+02
Max	Aerial	Agricultural	Helicopter	Berry - child	4.00E-01	1.30E-03	1.07E+02	5.57E-02	2.50E+01	8.00E+00	4.49E+02	1.44E+02
Max	Ground	Agricultural	Low Boom	Berry - child	4.00E-01	2.00E-04	1.07E+02	8.57E-03	2.50E+01	8.00E+00	2.92E+03	9.33E+02
Max	Ground	Agricultural	High Boom	Berry - child	4.00E-01	3.00E-04	1.07E+02	1.29E-02	2.50E+01	8.00E+00	1.94E+03	6.22E+02
Typical	Aerial	Agricultural	Plane	Berry - adult	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Aerial	Agricultural	Helicopter	Berry - adult	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Ground	Agricultural	Low Boom	Berry - adult	4.00E-01	5.77E-05	6.43E+01	1.48E-03	2.50E+01	8.00E+00	1.68E+04	5.39E+03
Typical	Ground	Agricultural	High Boom	Berry - adult	4.00E-01	9.54E-05	6.43E+01	2.46E-03	2.50E+01	8.00E+00	1.02E+04	3.26E+03
Max	Aerial	Agricultural	Plane	Berry - adult	4.00E-01	1.50E-03	6.43E+01	3.86E-02	2.50E+01	8.00E+00	6.48E+02	2.07E+02
Max	Aerial	Agricultural	Helicopter	Berry - adult	4.00E-01	1.30E-03	6.43E+01	3.35E-02	2.50E+01	8.00E+00	7.47E+02	2.39E+02
Max	Ground	Agricultural	Low Boom	Berry - adult	4.00E-01	2.00E-04	6.43E+01	5.15E-03	2.50E+01	8.00E+00	4.86E+03	1.55E+03
Max	Ground	Agricultural	High Boom	Berry - adult	4.00E-01	3.00E-04	6.43E+01	7.72E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03
Typical	Aerial	Agricultural	Plane	Angler	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Aerial	Agricultural	Helicopter	Angler	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Ground	Agricultural	Low Boom	Angler	4.00E-01	5.77E-05	6.43E+01	1.48E-03	2.50E+01	8.00E+00	1.68E+04	5.39E+03
Typical	Ground	Agricultural	High Boom	Angler	4.00E-01	9.54E-05	6.43E+01	2.46E-03	2.50E+01	8.00E+00	1.02E+04	3.26E+03
Max	Aerial	Agricultural	Plane	Angler	4.00E-01	1.50E-03	6.43E+01	3.86E-02	2.50E+01	8.00E+00	6.48E+02	2.07E+02
Max	Aerial	Agricultural	Helicopter	Angler	4.00E-01	1.30E-03	6.43E+01	3.35E-02	2.50E+01	8.00E+00	7.47E+02	2.39E+02
Max	Ground	Agricultural	Low Boom	Angler	4.00E-01	2.00E-04	6.43E+01	5.15E-03	2.50E+01	8.00E+00	4.86E+03	1.55E+03
Max	Ground	Agricultural	High Boom	Angler	4.00E-01	3.00E-04	6.43E+01	7.72E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Spray Drift
 Pesticide: Flutridone
 Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	ermal NOAELs (mg/kg-day)		MOE (unitless)	
									Int	Long		
Typical	Aerial	Agricultural	Plane	Res-child	4.00E-01	4.00E-04	1.07E+02	1.71E-02	2.50E+01	8.00E+00	1.46E+03	4.67E+02
Typical	Aerial	Agricultural	Helicopter	Res-child	4.00E-01	4.00E-04	1.07E+02	1.71E-02	2.50E+01	8.00E+00	1.46E+03	4.67E+02
Typical	Ground	Agricultural	Low Boom	Res-child	4.00E-01	5.77E-05	1.07E+02	2.47E-03	2.50E+01	8.00E+00	1.01E+04	3.24E+03
Typical	Ground	Agricultural	High Boom	Res-child	4.00E-01	9.54E-05	1.07E+02	4.09E-03	2.50E+01	8.00E+00	6.12E+03	1.96E+03
Max	Aerial	Agricultural	Plane	Res-child	4.00E-01	1.50E-03	1.07E+02	6.43E-02	2.50E+01	8.00E+00	3.89E+02	1.24E+02
Max	Aerial	Agricultural	Helicopter	Res-child	4.00E-01	1.30E-03	1.07E+02	5.57E-02	2.50E+01	8.00E+00	4.49E+02	1.44E+02
Max	Ground	Agricultural	Low Boom	Res-child	4.00E-01	2.00E-04	1.07E+02	1.29E-02	2.50E+01	8.00E+00	2.92E+03	9.33E+02
Max	Ground	Agricultural	High Boom	Res-child	4.00E-01	3.00E-04	1.07E+02	1.92E-02	2.50E+01	8.00E+00	1.94E+03	6.22E+02
Typical	Aerial	Agricultural	Plane	Res-adult	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Aerial	Agricultural	Helicopter	Res-adult	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Ground	Agricultural	Low Boom	Res-adult	4.00E-01	5.77E-05	6.43E+01	1.48E-03	2.50E+01	8.00E+00	1.68E+04	5.39E+03
Typical	Ground	Agricultural	High Boom	Res-adult	4.00E-01	9.54E-05	6.43E+01	2.46E-03	2.50E+01	8.00E+00	1.02E+04	3.26E+03
Max	Aerial	Agricultural	Plane	Res-adult	4.00E-01	1.50E-03	6.43E+01	3.86E-02	2.50E+01	8.00E+00	6.48E+02	2.07E+02
Max	Aerial	Agricultural	Helicopter	Res-adult	4.00E-01	1.30E-03	6.43E+01	3.35E-02	2.50E+01	8.00E+00	7.47E+02	2.39E+02
Max	Ground	Agricultural	Low Boom	Res-adult	4.00E-01	2.00E-04	6.43E+01	5.15E-03	2.50E+01	8.00E+00	4.86E+03	1.55E+03
Max	Ground	Agricultural	High Boom	Res-adult	4.00E-01	3.00E-04	6.43E+01	7.72E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03
Typical	Aerial	Agricultural	Plane	N.A.-child	4.00E-01	4.00E-04	1.07E+02	1.71E-02	2.50E+01	8.00E+00	1.46E+03	4.67E+02
Typical	Aerial	Agricultural	Helicopter	N.A.-child	4.00E-01	4.00E-04	1.07E+02	1.71E-02	2.50E+01	8.00E+00	1.46E+03	4.67E+02
Typical	Ground	Agricultural	Low Boom	N.A.-child	4.00E-01	5.77E-05	1.07E+02	2.47E-03	2.50E+01	8.00E+00	1.01E+04	3.24E+03
Typical	Ground	Agricultural	High Boom	N.A.-child	4.00E-01	9.54E-05	1.07E+02	4.09E-03	2.50E+01	8.00E+00	6.12E+03	1.96E+03
Max	Aerial	Agricultural	Plane	N.A.-child	4.00E-01	1.50E-03	1.07E+02	6.43E-02	2.50E+01	8.00E+00	3.89E+02	1.24E+02
Max	Aerial	Agricultural	Helicopter	N.A.-child	4.00E-01	1.30E-03	1.07E+02	5.57E-02	2.50E+01	8.00E+00	4.49E+02	1.44E+02
Max	Ground	Agricultural	Low Boom	N.A.-child	4.00E-01	2.00E-04	1.07E+02	1.29E-02	2.50E+01	8.00E+00	2.92E+03	9.33E+02
Max	Ground	Agricultural	High Boom	N.A.-child	4.00E-01	3.00E-04	1.07E+02	1.92E-02	2.50E+01	8.00E+00	1.94E+03	6.22E+02
Typical	Aerial	Agricultural	Plane	N.A.-adult	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	4.00E-01	4.00E-04	6.43E+01	1.03E-02	2.50E+01	8.00E+00	2.43E+03	7.77E+02
Typical	Ground	Agricultural	Low Boom	N.A.-adult	4.00E-01	5.77E-05	6.43E+01	1.48E-03	2.50E+01	8.00E+00	1.68E+04	5.39E+03
Typical	Ground	Agricultural	High Boom	N.A.-adult	4.00E-01	9.54E-05	6.43E+01	2.46E-03	2.50E+01	8.00E+00	1.02E+04	3.26E+03
Max	Aerial	Agricultural	Plane	N.A.-adult	4.00E-01	1.50E-03	6.43E+01	3.86E-02	2.50E+01	8.00E+00	6.48E+02	2.07E+02
Max	Aerial	Agricultural	Helicopter	N.A.-adult	4.00E-01	1.30E-03	6.43E+01	3.35E-02	2.50E+01	8.00E+00	7.47E+02	2.39E+02
Max	Ground	Agricultural	Low Boom	N.A.-adult	4.00E-01	2.00E-04	6.43E+01	5.15E-03	2.50E+01	8.00E+00	4.86E+03	1.55E+03
Max	Ground	Agricultural	High Boom	N.A.-adult	4.00E-01	3.00E-04	6.43E+01	7.72E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure

Scenario: Public Receptors - Routine Exposure

Pathway: Dermal Contact with Foliage

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Dislodgeable Foliar Residue (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	ermal NOAELs (mg/kg-day)		MOE (unitless)	
											Int	Long		Int
Typical	Aerial	Agricultural Plane	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Aerial	Agricultural Helicopter	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Ground	Agricultural Low Boom	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	5.77E-05	1.15E-05	2.86E+01	1.32E-04	2.50E+01	8.00E+00	1.90E+05	6.07E+04
Typical	Ground	Agricultural High Boom	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	9.54E-05	1.91E-05	2.86E+01	2.18E-04	2.50E+01	8.00E+00	1.15E+05	3.67E+04
Max	Aerial	Agricultural Plane	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	1.50E-03	3.00E-04	2.86E+01	3.43E-03	2.50E+01	8.00E+00	7.29E+03	2.33E+03
Max	Aerial	Agricultural Helicopter	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	2.00E-04	4.00E-05	2.86E+01	2.97E-03	2.50E+01	8.00E+00	8.41E+03	2.69E+03
Max	Ground	Agricultural Low Boom	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	3.00E-04	6.00E-05	2.86E+01	4.57E-04	2.50E+01	8.00E+00	5.47E+04	1.75E+04
Max	Ground	Agricultural High Boom	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	3.00E-04	6.00E-05	2.86E+01	6.86E-04	2.50E+01	8.00E+00	3.65E+04	1.17E+04
Typical	Aerial	Agricultural Plane	Helicopter	Berry - child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.00E+01	1.28E-03	2.50E+01	8.00E+00	1.95E+04	6.25E+03
Typical	Aerial	Agricultural Helicopter	Helicopter	Berry - child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.00E+01	1.28E-03	2.50E+01	8.00E+00	1.95E+04	6.25E+03
Typical	Ground	Agricultural Low Boom	Helicopter	Berry - child	2.00E-01	4.00E-01	5.77E-05	1.15E-05	4.00E+01	1.85E-04	2.50E+01	8.00E+00	1.35E+05	4.33E+04
Typical	Ground	Agricultural High Boom	Helicopter	Berry - child	2.00E-01	4.00E-01	9.54E-05	1.91E-05	4.00E+01	3.05E-04	2.50E+01	8.00E+00	8.19E+04	2.62E+04
Max	Aerial	Agricultural Plane	Helicopter	Berry - child	2.00E-01	4.00E-01	1.50E-03	3.00E-04	4.00E+01	4.80E-03	2.50E+01	8.00E+00	5.21E+03	1.67E+03
Max	Aerial	Agricultural Helicopter	Helicopter	Berry - child	2.00E-01	4.00E-01	1.30E-03	2.60E-04	4.00E+01	4.16E-03	2.50E+01	8.00E+00	6.01E+03	1.92E+03
Max	Ground	Agricultural Low Boom	Helicopter	Berry - child	2.00E-01	4.00E-01	2.00E-04	4.00E-05	4.00E+01	6.40E-04	2.50E+01	8.00E+00	3.91E+04	1.25E+04
Max	Ground	Agricultural High Boom	Helicopter	Berry - child	2.00E-01	4.00E-01	3.00E-04	6.00E-05	4.00E+01	9.60E-04	2.50E+01	8.00E+00	2.60E+04	8.33E+03
Typical	Aerial	Agricultural Plane	Helicopter	Berry - adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.29E+01	1.37E-03	2.50E+01	8.00E+00	1.82E+04	5.83E+03
Typical	Aerial	Agricultural Helicopter	Helicopter	Berry - adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.29E+01	1.37E-03	2.50E+01	8.00E+00	1.82E+04	5.83E+03
Typical	Ground	Agricultural Low Boom	Helicopter	Berry - adult	2.00E-01	4.00E-01	5.77E-05	1.15E-05	4.29E+01	1.98E-04	2.50E+01	8.00E+00	1.26E+05	4.04E+04
Typical	Ground	Agricultural High Boom	Helicopter	Berry - adult	2.00E-01	4.00E-01	9.54E-05	1.91E-05	4.29E+01	3.27E-04	2.50E+01	8.00E+00	7.64E+04	2.45E+04
Max	Aerial	Agricultural Plane	Helicopter	Berry - adult	2.00E-01	4.00E-01	1.50E-03	3.00E-04	4.29E+01	5.14E-03	2.50E+01	8.00E+00	4.86E+03	1.56E+03
Max	Aerial	Agricultural Helicopter	Helicopter	Berry - adult	2.00E-01	4.00E-01	1.30E-03	2.60E-04	4.29E+01	4.46E-03	2.50E+01	8.00E+00	5.61E+03	1.79E+03
Max	Ground	Agricultural Low Boom	Helicopter	Berry - adult	2.00E-01	4.00E-01	2.00E-04	4.00E-05	4.29E+01	6.86E-04	2.50E+01	8.00E+00	3.65E+04	1.17E+04
Max	Ground	Agricultural High Boom	Helicopter	Berry - adult	2.00E-01	4.00E-01	3.00E-04	6.00E-05	4.29E+01	1.03E-03	2.50E+01	8.00E+00	2.43E+04	7.78E+03
Typical	Aerial	Agricultural Plane	Helicopter	Angler	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Aerial	Agricultural Helicopter	Helicopter	Angler	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Ground	Agricultural Low Boom	Helicopter	Angler	2.00E-01	4.00E-01	5.77E-05	1.15E-05	2.86E+01	1.32E-04	2.50E+01	8.00E+00	1.90E+05	6.07E+04
Typical	Ground	Agricultural High Boom	Helicopter	Angler	2.00E-01	4.00E-01	9.54E-05	1.91E-05	2.86E+01	2.18E-04	2.50E+01	8.00E+00	1.15E+05	3.67E+04
Max	Aerial	Agricultural Plane	Helicopter	Angler	2.00E-01	4.00E-01	1.50E-03	3.00E-04	2.86E+01	3.43E-03	2.50E+01	8.00E+00	7.29E+03	2.33E+03
Max	Aerial	Agricultural Helicopter	Helicopter	Angler	2.00E-01	4.00E-01	1.30E-03	2.60E-04	2.86E+01	3.43E-03	2.50E+01	8.00E+00	7.29E+03	2.33E+03
Max	Ground	Agricultural Low Boom	Helicopter	Angler	2.00E-01	4.00E-01	2.00E-04	4.00E-05	2.86E+01	2.97E-03	2.50E+01	8.00E+00	8.41E+03	2.69E+03
Max	Ground	Agricultural High Boom	Helicopter	Angler	2.00E-01	4.00E-01	3.00E-04	6.00E-05	2.86E+01	4.57E-04	2.50E+01	8.00E+00	5.47E+04	1.75E+04
Max	Ground	Agricultural Low Boom	Helicopter	Angler	2.00E-01	4.00E-01	2.00E-04	4.00E-05	2.86E+01	6.86E-04	2.50E+01	8.00E+00	3.65E+04	1.17E+04
Max	Ground	Agricultural High Boom	Helicopter	Angler	2.00E-01	4.00E-01	3.00E-04	6.00E-05	2.86E+01	9.60E-04	2.50E+01	8.00E+00	2.60E+04	8.33E+03

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure

Scenario: Public Receptors - Routine Exposure

Pathway: Dermal Contact with Foliage

Pesticide: Fluridone

Program: Aquatic Sites

Scenario	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm ²)	Dislodgeable Foliar Residue (mg/cm ²)	Exposure Factor (cm ² /kg-day)	Dermal Dose (mg/kg-day)	ermal NOAELs (mg/kg-day)		MOE (unitless)	
											Int	Long		Int
Typical	Aerial	Agricultural	Plane	Res-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.93E+02	2.22E-02	2.50E+01	8.00E+00	1.13E+03	3.61E+02
Typical	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.93E+02	2.22E-02	2.50E+01	8.00E+00	1.13E+03	3.61E+02
Typical	Ground	Agricultural	Low Boom	Res-child	2.00E-01	4.00E-01	5.77E-05	1.15E-05	6.93E+02	3.20E-03	2.50E+01	8.00E+00	7.81E+03	2.50E+03
Typical	Ground	Agricultural	High Boom	Res-child	2.00E-01	4.00E-01	9.54E-05	1.91E-05	6.93E+02	5.29E-03	2.50E+01	8.00E+00	4.72E+03	1.51E+03
Max	Aerial	Agricultural	Plane	Res-child	2.00E-01	4.00E-01	1.50E-03	3.00E-04	6.93E+02	8.32E-02	2.50E+01	8.00E+00	3.00E+02	9.62E+01
Max	Ground	Agricultural	Low Boom	Res-child	2.00E-01	4.00E-01	2.00E-04	2.60E-04	6.93E+02	7.21E-02	2.50E+01	8.00E+00	3.47E+02	1.11E+02
Max	Ground	Agricultural	High Boom	Res-child	2.00E-01	4.00E-01	3.00E-04	4.00E-05	6.93E+02	1.11E-02	2.50E+01	8.00E+00	2.25E+03	7.21E+02
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-01	4.00E-04	6.00E-05	6.93E+02	1.66E-02	2.50E+01	8.00E+00	1.50E+03	4.81E+02
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.14E+02	1.33E-02	2.50E+01	8.00E+00	1.89E+03	6.03E+02
Typical	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.14E+02	1.33E-02	2.50E+01	8.00E+00	1.89E+03	6.03E+02
Typical	Ground	Agricultural	High Boom	Res-adult	2.00E-01	4.00E-01	5.77E-05	1.15E-05	4.14E+02	1.91E-03	2.50E+01	8.00E+00	1.31E+04	4.18E+03
Max	Aerial	Agricultural	Plane	Res-adult	2.00E-01	4.00E-01	9.54E-05	1.91E-05	4.14E+02	3.16E-03	2.50E+01	8.00E+00	7.91E+03	2.53E+03
Max	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-01	1.50E-03	3.00E-04	4.14E+02	4.97E-02	2.50E+01	8.00E+00	5.03E+02	1.61E+02
Max	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	4.00E-01	2.00E-04	2.60E-04	4.14E+02	4.31E-02	2.50E+01	8.00E+00	5.80E+02	1.86E+02
Max	Ground	Agricultural	High Boom	Res-adult	2.00E-01	4.00E-01	3.00E-04	4.00E-05	4.14E+02	6.63E-03	2.50E+01	8.00E+00	3.77E+03	1.21E+03
Typical	Aerial	Agricultural	Plane	N.A.-child	2.00E-01	4.00E-01	4.00E-04	6.00E-05	6.00E+01	9.94E-03	2.50E+01	8.00E+00	2.51E+03	8.05E+02
Typical	Aerial	Agricultural	Helicopter	N.A.-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.00E+01	1.92E-03	2.50E+01	8.00E+00	1.30E+04	4.17E+03
Typical	Ground	Agricultural	Low Boom	N.A.-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.00E+01	1.92E-03	2.50E+01	8.00E+00	1.30E+04	4.17E+03
Typical	Ground	Agricultural	High Boom	N.A.-child	2.00E-01	4.00E-01	5.77E-05	1.15E-05	6.00E+01	2.77E-04	2.50E+01	8.00E+00	9.03E+04	2.89E+04
Max	Aerial	Agricultural	Plane	N.A.-child	2.00E-01	4.00E-01	9.54E-05	1.91E-05	6.00E+01	4.58E-04	2.50E+01	8.00E+00	5.46E+04	1.75E+04
Max	Aerial	Agricultural	Helicopter	N.A.-child	2.00E-01	4.00E-01	1.50E-03	3.00E-04	6.00E+01	7.20E-03	2.50E+01	8.00E+00	3.47E+03	1.11E+03
Max	Ground	Agricultural	Low Boom	N.A.-child	2.00E-01	4.00E-01	2.00E-04	2.60E-04	6.00E+01	6.24E-03	2.50E+01	8.00E+00	4.01E+03	1.28E+03
Max	Ground	Agricultural	High Boom	N.A.-child	2.00E-01	4.00E-01	3.00E-04	4.00E-05	6.00E+01	9.60E-04	2.50E+01	8.00E+00	2.60E+04	8.33E+03
Typical	Aerial	Agricultural	Plane	N.A.-adult	2.00E-01	4.00E-01	4.00E-04	6.00E-05	6.43E+01	1.44E-03	2.50E+01	8.00E+00	1.74E+04	5.56E+03
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.43E+01	2.06E-03	2.50E+01	8.00E+00	1.22E+04	3.89E+03
Typical	Ground	Agricultural	Low Boom	N.A.-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.43E+01	2.06E-03	2.50E+01	8.00E+00	1.22E+04	3.89E+03
Typical	Ground	Agricultural	High Boom	N.A.-adult	2.00E-01	4.00E-01	5.77E-05	1.15E-05	6.43E+01	2.97E-04	2.50E+01	8.00E+00	8.42E+04	2.70E+04
Max	Aerial	Agricultural	Plane	N.A.-adult	2.00E-01	4.00E-01	1.50E-03	3.00E-04	6.43E+01	4.91E-04	2.50E+01	8.00E+00	5.10E+04	1.63E+04
Max	Aerial	Agricultural	Helicopter	N.A.-adult	2.00E-01	4.00E-01	2.00E-04	2.60E-04	6.43E+01	7.71E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03
Max	Ground	Agricultural	Low Boom	N.A.-adult	2.00E-01	4.00E-01	3.00E-04	4.00E-05	6.43E+01	6.69E-03	2.50E+01	8.00E+00	3.74E+03	1.20E+03
Max	Ground	Agricultural	High Boom	N.A.-adult	2.00E-01	4.00E-01	4.00E-04	6.00E-05	6.43E+01	1.03E-03	2.50E+01	8.00E+00	2.43E+04	7.78E+03
Max	Ground	Agricultural	High Boom	N.A.-adult	2.00E-01	4.00E-01	3.00E-04	6.00E-05	6.43E+01	1.54E-03	2.50E+01	8.00E+00	1.62E+04	5.19E+03

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Ingestion of Berries

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Berry	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	Berry - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Berry - child	2.00E-01	5.77E-05	4.60E+00	5.31E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Berry - child	2.00E-01	9.54E-05	4.60E+00	8.78E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Berry - child	2.00E-01	1.50E-03	4.60E+00	1.38E-03	8.00E-02	1.73%
Max	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	1.30E-03	4.60E+00	1.20E-03	8.00E-02	1.50%
Max	Ground	Agricultural	Low Boom	Berry - child	2.00E-01	2.00E-04	4.60E+00	1.84E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Berry - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	8.00E-02	0.35%
Typical	Aerial	Agricultural	Plane	Berry - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Berry - adult	2.00E-01	5.77E-05	4.57E+00	5.28E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Berry - adult	2.00E-01	9.54E-05	4.57E+00	8.72E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Berry - adult	2.00E-01	1.50E-03	4.57E+00	1.37E-03	8.00E-02	1.71%
Max	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	1.30E-03	4.57E+00	1.19E-03	8.00E-02	1.49%
Max	Ground	Agricultural	Low Boom	Berry - adult	2.00E-01	2.00E-04	4.57E+00	1.83E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Berry - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	8.00E-02	0.34%
Typical	Aerial	Agricultural	Plane	Res-child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Res-child	2.00E-01	5.77E-05	4.60E+00	5.31E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Res-child	2.00E-01	9.54E-05	4.60E+00	8.78E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Res-child	2.00E-01	1.50E-03	4.60E+00	1.38E-03	8.00E-02	1.73%
Max	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	1.30E-03	4.60E+00	1.20E-03	8.00E-02	1.50%
Max	Ground	Agricultural	Low Boom	Res-child	2.00E-01	2.00E-04	4.60E+00	1.84E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Res-child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	8.00E-02	0.35%
Typical	Aerial	Agricultural	Plane	Res-adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	5.77E-05	4.57E+00	5.28E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Res-adult	2.00E-01	9.54E-05	4.57E+00	8.72E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Res-adult	2.00E-01	1.50E-03	4.57E+00	1.37E-03	8.00E-02	1.71%
Max	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	1.30E-03	4.57E+00	1.19E-03	8.00E-02	1.49%
Max	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	2.00E-04	4.57E+00	1.83E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Res-adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	8.00E-02	0.34%

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Population Adjusted Doses
 Scenario: Public Receptors - Routine Exposure
 Pathway: Ingestion of Berries
 Pesticide: Flutidone
 Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Berry	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	N.American - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	N.American - child	2.00E-01	5.77E-05	4.60E+00	5.31E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	N.American - child	2.00E-01	9.54E-05	4.60E+00	8.78E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	N.American - child	2.00E-01	1.50E-03	4.60E+00	1.38E-03	8.00E-02	1.73%
Max	Aerial	Agricultural	Helicopter	N.American - child	2.00E-01	1.30E-03	4.60E+00	1.20E-03	8.00E-02	1.50%
Max	Ground	Agricultural	Low Boom	N.American - child	2.00E-01	2.00E-04	4.60E+00	1.84E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	N.American - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	8.00E-02	0.35%
Typical	Aerial	Agricultural	Plane	N.American - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	N.American - adult	2.00E-01	5.77E-05	4.57E+00	5.28E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	N.American - adult	2.00E-01	9.54E-05	4.57E+00	8.72E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	N.American - adult	2.00E-01	1.50E-03	4.57E+00	1.37E-03	8.00E-02	1.71%
Max	Aerial	Agricultural	Helicopter	N.American - adult	2.00E-01	1.30E-03	4.57E+00	1.19E-03	8.00E-02	1.49%
Max	Ground	Agricultural	Low Boom	N.American - adult	2.00E-01	2.00E-04	4.57E+00	1.83E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	N.American - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	8.00E-02	0.34%

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Water While Swimming
 Pesticide: Fluridone
 Program: Aquatic Sites

Scenario:	Ag Drift Scenario	Land Type	Equipment	Public Receptor	Skin Permeability Constant (cm/hr)	Water Concentration (mg/L)	Unit Correction Factor (L/cm ³)	Exposure Factor (cm ² -hr/kg-day)	Absorbed Dose (mg/kg-day)	Oral NOAEL (mg/kg-day) Short/Int	MOE (unitless) Short/Int
Typical	Aerial	Agricultural	Plane	Swimmer-child	3.97E-04	2.94E-03	1.00E-03	4.40E+02	5.14E-07	2.50E+01	4.87E+07
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	3.97E-04	2.50E-03	1.00E-03	4.40E+02	4.37E-07	2.50E+01	5.72E+07
Typical	Ground	Agricultural	Low Boom	Swimmer-child	3.97E-04	2.79E-04	1.00E-03	4.40E+02	4.88E-08	2.50E+01	5.13E+08
Typical	Ground	Agricultural	High Boom	Swimmer-child	3.97E-04	4.49E-04	1.00E-03	4.40E+02	7.85E-08	2.50E+01	3.19E+08
Max	Aerial	Agricultural	Plane	Swimmer-child	3.97E-04	1.13E-02	1.00E-03	4.40E+02	1.97E-06	2.50E+01	1.27E+07
Max	Aerial	Agricultural	Helicopter	Swimmer-child	3.97E-04	9.42E-03	1.00E-03	4.40E+02	1.65E-06	2.50E+01	1.52E+07
Max	Ground	Agricultural	Low Boom	Swimmer-child	3.97E-04	9.13E-04	1.00E-03	4.40E+02	1.60E-07	2.50E+01	1.57E+08
Max	Ground	Agricultural	High Boom	Swimmer-child	3.97E-04	1.47E-03	1.00E-03	4.40E+02	2.57E-07	2.50E+01	9.73E+07
Typical	Aerial	Agricultural	Plane	Swimmer-adult	3.97E-04	2.94E-03	1.00E-03	2.57E+02	3.00E-07	2.50E+01	8.33E+07
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	3.97E-04	2.50E-03	1.00E-03	2.57E+02	2.55E-07	2.50E+01	9.79E+07
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	3.97E-04	2.79E-04	1.00E-03	2.57E+02	2.85E-08	2.50E+01	8.77E+08
Typical	Ground	Agricultural	High Boom	Swimmer-adult	3.97E-04	4.49E-04	1.00E-03	2.57E+02	4.59E-08	2.50E+01	5.45E+08
Max	Aerial	Agricultural	Plane	Swimmer-adult	3.97E-04	1.13E-02	1.00E-03	2.57E+02	1.15E-06	2.50E+01	2.17E+07
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	3.97E-04	9.42E-03	1.00E-03	2.57E+02	9.62E-07	2.50E+01	2.60E+07
Max	Ground	Agricultural	Low Boom	Swimmer-adult	3.97E-04	9.13E-04	1.00E-03	2.57E+02	9.32E-07	2.50E+01	2.68E+08
Max	Ground	Agricultural	High Boom	Swimmer-adult	3.97E-04	1.47E-03	1.00E-03	2.57E+02	1.50E-07	2.50E+01	1.67E+08
Typical	Aerial	Agricultural	Plane	N.American-child	3.97E-04	2.94E-03	1.00E-03	1.14E+03	1.34E-06	2.50E+01	1.87E+07
Typical	Aerial	Agricultural	Helicopter	N.American-child	3.97E-04	2.50E-03	1.00E-03	1.14E+03	1.14E-06	2.50E+01	2.20E+07
Typical	Ground	Agricultural	Low Boom	N.American-child	3.97E-04	2.79E-04	1.00E-03	1.14E+03	1.27E-07	2.50E+01	1.97E+08
Typical	Ground	Agricultural	High Boom	N.American-child	3.97E-04	4.49E-04	1.00E-03	1.14E+03	2.04E-07	2.50E+01	1.23E+08
Max	Aerial	Agricultural	Plane	N.American-child	3.97E-04	1.13E-02	1.00E-03	1.14E+03	5.13E-06	2.50E+01	4.87E+06
Max	Aerial	Agricultural	Helicopter	N.American-child	3.97E-04	9.42E-03	1.00E-03	1.14E+03	4.28E-06	2.50E+01	5.84E+06
Max	Ground	Agricultural	Low Boom	N.American-child	3.97E-04	9.13E-04	1.00E-03	1.14E+03	4.15E-07	2.50E+01	6.03E+07
Max	Ground	Agricultural	High Boom	N.American-child	3.97E-04	1.47E-03	1.00E-03	1.14E+03	6.68E-07	2.50E+01	3.74E+07
Typical	Aerial	Agricultural	Plane	N.American-adult	3.97E-04	2.94E-03	1.00E-03	6.69E+02	7.81E-07	2.50E+01	3.20E+07
Typical	Aerial	Agricultural	Helicopter	N.American-adult	3.97E-04	2.50E-03	1.00E-03	6.69E+02	6.64E-07	2.50E+01	3.77E+07
Typical	Ground	Agricultural	Low Boom	N.American-adult	3.97E-04	2.79E-04	1.00E-03	6.69E+02	7.41E-08	2.50E+01	3.37E+08
Typical	Ground	Agricultural	High Boom	N.American-adult	3.97E-04	4.49E-04	1.00E-03	6.69E+02	1.19E-07	2.50E+01	2.10E+08
Max	Aerial	Agricultural	Plane	N.American-adult	3.97E-04	1.13E-02	1.00E-03	6.69E+02	3.00E-06	2.50E+01	8.33E+06
Max	Aerial	Agricultural	Helicopter	N.American-adult	3.97E-04	9.42E-03	1.00E-03	6.69E+02	2.50E-06	2.50E+01	9.99E+06
Max	Ground	Agricultural	Low Boom	N.American-adult	3.97E-04	9.13E-04	1.00E-03	6.69E+02	2.42E-07	2.50E+01	1.03E+08
Max	Ground	Agricultural	High Boom	N.American-adult	3.97E-04	1.47E-03	1.00E-03	6.69E+02	3.90E-07	2.50E+01	6.40E+07

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Incidental Ingestion of Water while Swimming

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Incidental Ingestion	
								Oral NOAEL (mg/kg-day) Short/Int	MOE (unitless) Short/Int
Typical	Aerial	Agricultural	Plane	Swimmer-child	2.94E-03	3.33E-03	9.80E-06	2.50E+01	2.55E+06
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	2.50E-03	3.33E-03	8.33E-06	2.50E+01	3.00E+06
Typical	Ground	Agricultural	Low Boom	Swimmer-child	2.79E-04	3.33E-03	9.30E-07	2.50E+01	2.69E+07
Typical	Ground	Agricultural	High Boom	Swimmer-child	4.49E-04	3.33E-03	1.50E-06	2.50E+01	1.67E+07
Max	Aerial	Agricultural	Plane	Swimmer-child	1.13E-02	3.33E-03	3.77E-05	2.50E+01	6.64E+05
Max	Aerial	Agricultural	Helicopter	Swimmer-child	9.42E-03	3.33E-03	3.14E-05	2.50E+01	7.96E+05
Max	Ground	Agricultural	Low Boom	Swimmer-child	9.13E-04	3.33E-03	3.04E-06	2.50E+01	8.21E+06
Max	Ground	Agricultural	High Boom	Swimmer-child	1.47E-03	3.33E-03	4.90E-06	2.50E+01	5.10E+06
Typical	Aerial	Agricultural	Plane	Swimmer-adult	2.94E-03	7.14E-04	2.10E-06	2.50E+01	1.19E+07
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	2.50E-03	7.14E-04	1.79E-06	2.50E+01	1.40E+07
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	2.79E-04	7.14E-04	1.99E-07	2.50E+01	1.25E+08
Typical	Ground	Agricultural	High Boom	Swimmer-adult	4.49E-04	7.14E-04	3.21E-07	2.50E+01	7.80E+07
Max	Aerial	Agricultural	Plane	Swimmer-adult	1.13E-02	7.14E-04	8.07E-06	2.50E+01	3.10E+06
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	9.42E-03	7.14E-04	6.73E-06	2.50E+01	3.72E+06
Max	Ground	Agricultural	Low Boom	Swimmer-adult	9.13E-04	7.14E-04	6.52E-07	2.50E+01	3.83E+07
Max	Ground	Agricultural	High Boom	Swimmer-adult	1.47E-03	7.14E-04	1.05E-06	2.50E+01	2.38E+07

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Drinking Water Ingestion

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	2.94E-03	2.86E-02	8.40E-05	8.00E-02	0.11%
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	2.50E-03	2.86E-02	7.14E-05	8.00E-02	0.09%
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	2.79E-04	2.86E-02	7.97E-06	8.00E-02	0.01%
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	4.49E-04	2.86E-02	1.28E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Plane	Hiker/Hunter	1.13E-02	2.86E-02	3.23E-04	8.00E-02	0.40%
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	9.13E-03	2.86E-02	2.69E-04	8.00E-02	0.34%
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.03%
Max	Ground	Agricultural	High Boom	Hiker/Hunter	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.03%
Typical	Aerial	Agricultural	Plane	Berry - child	2.94E-03	6.67E-02	1.96E-04	8.00E-02	0.05%
Typical	Aerial	Agricultural	Helicopter	Berry - child	2.50E-03	6.67E-02	1.67E-04	8.00E-02	0.25%
Typical	Ground	Agricultural	Low Boom	Berry - child	2.79E-04	6.67E-02	1.86E-05	8.00E-02	0.21%
Typical	Ground	Agricultural	High Boom	Berry - child	4.49E-04	6.67E-02	2.99E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Plane	Berry - child	1.13E-02	6.67E-02	7.53E-04	8.00E-02	0.04%
Max	Aerial	Agricultural	Helicopter	Berry - child	9.42E-03	6.67E-02	6.28E-04	8.00E-02	0.94%
Max	Ground	Agricultural	Low Boom	Berry - child	9.13E-04	6.67E-02	6.09E-05	8.00E-02	0.79%
Max	Ground	Agricultural	High Boom	Berry - child	1.47E-03	6.67E-02	9.80E-05	8.00E-02	0.08%
Typical	Aerial	Agricultural	Plane	Berry - adult	2.94E-03	2.86E-02	8.40E-05	8.00E-02	0.12%
Typical	Aerial	Agricultural	Helicopter	Berry - adult	2.50E-03	2.86E-02	7.14E-05	8.00E-02	0.11%
Typical	Ground	Agricultural	Low Boom	Berry - adult	2.79E-04	2.86E-02	7.97E-06	8.00E-02	0.09%
Typical	Ground	Agricultural	High Boom	Berry - adult	4.49E-04	2.86E-02	1.28E-05	8.00E-02	0.01%
Max	Aerial	Agricultural	Plane	Berry - adult	1.13E-02	2.86E-02	3.23E-04	8.00E-02	0.02%
Max	Aerial	Agricultural	Helicopter	Berry - adult	9.42E-03	2.86E-02	2.69E-04	8.00E-02	0.40%
Max	Ground	Agricultural	Low Boom	Berry - adult	9.13E-04	2.86E-02	2.61E-05	8.00E-02	0.34%
Max	Ground	Agricultural	High Boom	Berry - adult	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.03%
Typical	Aerial	Agricultural	Plane	Angler	2.94E-03	2.86E-02	8.40E-05	8.00E-02	0.05%
Typical	Aerial	Agricultural	Helicopter	Angler	2.50E-03	2.86E-02	7.14E-05	8.00E-02	0.11%
Typical	Ground	Agricultural	Low Boom	Angler	2.79E-04	2.86E-02	7.97E-06	8.00E-02	0.09%
Typical	Ground	Agricultural	High Boom	Angler	4.49E-04	2.86E-02	1.28E-05	8.00E-02	0.01%
Max	Aerial	Agricultural	Plane	Angler	1.13E-02	2.86E-02	3.23E-04	8.00E-02	0.02%
Max	Aerial	Agricultural	Helicopter	Angler	9.42E-03	2.86E-02	2.69E-04	8.00E-02	0.40%
Max	Ground	Agricultural	Low Boom	Angler	9.13E-04	2.86E-02	2.61E-05	8.00E-02	0.34%
Max	Ground	Agricultural	High Boom	Angler	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.03%

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Drinking Water Ingestion

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water	
								PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	N.American - child	2.94E-03	3.33E-02	9.80E-05	8.00E-02	0.12%
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.50E-03	3.33E-02	8.33E-05	8.00E-02	0.10%
Typical	Ground	Agricultural	Low Boom	N.American - child	2.79E-04	3.33E-02	9.30E-06	8.00E-02	0.01%
Typical	Ground	Agricultural	High Boom	N.American - child	4.49E-04	3.33E-02	1.50E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Plane	N.American - child	1.13E-02	3.33E-02	3.77E-04	8.00E-02	0.47%
Max	Aerial	Agricultural	Helicopter	N.American - child	9.42E-03	3.33E-02	3.14E-04	8.00E-02	0.39%
Max	Ground	Agricultural	Low Boom	N.American - child	9.13E-04	3.33E-02	3.04E-05	8.00E-02	0.04%
Max	Ground	Agricultural	High Boom	N.American - child	1.47E-03	3.33E-02	4.90E-05	8.00E-02	0.06%
Typical	Aerial	Agricultural	Plane	N.American - adult	2.94E-03	1.43E-02	4.20E-05	8.00E-02	0.05%
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.50E-03	1.43E-02	3.57E-05	8.00E-02	0.04%
Typical	Ground	Agricultural	Low Boom	N.American - adult	2.79E-04	1.43E-02	3.99E-06	8.00E-02	0.00%
Typical	Ground	Agricultural	High Boom	N.American - adult	4.49E-04	1.43E-02	6.41E-06	8.00E-02	0.01%
Max	Aerial	Agricultural	Plane	N.American - adult	1.13E-02	1.43E-02	1.61E-04	8.00E-02	0.20%
Max	Aerial	Agricultural	Helicopter	N.American - adult	9.42E-03	1.43E-02	1.35E-04	8.00E-02	0.17%
Max	Ground	Agricultural	Low Boom	N.American - adult	9.13E-04	1.43E-02	1.30E-05	8.00E-02	0.02%
Max	Ground	Agricultural	High Boom	N.American - adult	1.47E-03	1.43E-02	2.10E-05	8.00E-02	0.03%

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Ingestion of Fish

Pesticide: Flutidone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Bioconcentration Factor (L/kg)	Unit Correction Factor (kg/mg)	Exposure Factor (mg/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (umitless) Chronic
Typical	Aerial	Agricultural	Plane	Angler	2.94E-03	3.01E+00	1.00E-06	9.00E+02	7.96E-06	8.00E-02	0.0100%
Typical	Aerial	Agricultural	Helicopter	Angler	2.50E-03	3.01E+00	1.00E-06	9.00E+02	6.77E-06	8.00E-02	0.0085%
Typical	Ground	Agricultural	Low Boom	Angler	2.79E-04	3.01E+00	1.00E-06	9.00E+02	7.56E-07	8.00E-02	0.0009%
Typical	Ground	Agricultural	High Boom	Angler	4.49E-04	3.01E+00	1.00E-06	9.00E+02	1.22E-06	8.00E-02	0.0015%
Max	Aerial	Agricultural	Plane	Angler	1.13E-02	3.01E+00	1.00E-06	9.00E+02	3.06E-05	8.00E-02	0.0383%
Max	Aerial	Agricultural	Helicopter	Angler	9.42E-03	3.01E+00	1.00E-06	9.00E+02	2.55E-05	8.00E-02	0.0319%
Max	Ground	Agricultural	Low Boom	Angler	9.13E-04	3.01E+00	1.00E-06	9.00E+02	2.47E-06	8.00E-02	0.0031%
Max	Ground	Agricultural	High Boom	Angler	1.47E-03	3.01E+00	1.00E-06	9.00E+02	3.98E-06	8.00E-02	0.0050%
Typical	Aerial	Agricultural	Plane	N.American - child	2.94E-03	3.01E+00	1.00E-06	1.27E+04	1.12E-04	8.00E-02	0.1401%
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.50E-03	3.01E+00	1.00E-06	1.27E+04	9.53E-05	8.00E-02	0.1191%
Typical	Ground	Agricultural	Low Boom	N.American - child	2.79E-04	3.01E+00	1.00E-06	1.27E+04	1.06E-05	8.00E-02	0.0133%
Typical	Ground	Agricultural	High Boom	N.American - child	4.49E-04	3.01E+00	1.00E-06	1.27E+04	1.71E-05	8.00E-02	0.0214%
Max	Aerial	Agricultural	Plane	N.American - child	1.13E-02	3.01E+00	1.00E-06	1.27E+04	4.31E-04	8.00E-02	0.5385%
Max	Aerial	Agricultural	Helicopter	N.American - child	9.42E-03	3.01E+00	1.00E-06	1.27E+04	3.59E-04	8.00E-02	0.4489%
Max	Ground	Agricultural	Low Boom	N.American - child	9.13E-04	3.01E+00	1.00E-06	1.27E+04	3.48E-05	8.00E-02	0.0435%
Max	Ground	Agricultural	High Boom	N.American - child	1.47E-03	3.01E+00	1.00E-06	1.27E+04	5.60E-05	8.00E-02	0.0701%
Typical	Aerial	Agricultural	Plane	N.American - adult	2.94E-03	3.01E+00	1.00E-06	1.26E+04	1.12E-04	8.00E-02	0.1399%
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.50E-03	3.01E+00	1.00E-06	1.26E+04	9.51E-05	8.00E-02	0.1189%
Typical	Ground	Agricultural	Low Boom	N.American - adult	2.79E-04	3.01E+00	1.00E-06	1.26E+04	1.06E-05	8.00E-02	0.0133%
Typical	Ground	Agricultural	High Boom	N.American - adult	4.49E-04	3.01E+00	1.00E-06	1.26E+04	1.71E-05	8.00E-02	0.0214%
Max	Aerial	Agricultural	Plane	N.American - adult	1.13E-02	3.01E+00	1.00E-06	1.26E+04	4.30E-04	8.00E-02	0.5375%
Max	Aerial	Agricultural	Helicopter	N.American - adult	9.42E-03	3.01E+00	1.00E-06	1.26E+04	3.58E-04	8.00E-02	0.4481%
Max	Ground	Agricultural	Low Boom	N.American - adult	9.13E-04	3.01E+00	1.00E-06	1.26E+04	3.47E-05	8.00E-02	0.0434%
Max	Ground	Agricultural	High Boom	N.American - adult	1.47E-03	3.01E+00	1.00E-06	1.26E+04	5.59E-05	8.00E-02	0.0699%

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Intermediate Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways			Incidental Ingestion			Exposure Pathways			Intermediate-Term Aggregate Risk Index	
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.11%	--	--	--	2.18E+01	
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.09%	--	--	--	2.19E+01	
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.01%	--	--	--	1.52E+02	
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.02%	--	--	--	9.21E+01	
Max	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.40%	--	--	--	5.81E+00	
Max	Ground	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.34%	--	--	--	6.71E+00	
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.03%	--	--	--	4.40E+01	
Max	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	#####	#####	--	--	0.05%	--	--	--	2.93E+01	
Typical	Aerial	Agricultural	Plane	Berry - child	1.00E+02	#####	#####	--	--	0.25%	0.46%	--	--	1.24E+01	
Typical	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	#####	#####	--	--	0.21%	0.46%	--	--	1.24E+01	
Typical	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	#####	#####	--	--	0.02%	0.07%	--	--	8.68E+01	
Typical	Ground	Agricultural	High Boom	Berry - child	1.00E+02	#####	#####	--	--	0.04%	0.11%	--	--	5.25E+01	
Max	Aerial	Agricultural	Plane	Berry - child	1.00E+02	#####	#####	--	--	0.94%	1.73%	--	--	3.30E+00	
Max	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	#####	#####	--	--	0.79%	1.50%	--	--	3.81E+00	
Max	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	#####	#####	--	--	0.08%	0.23%	--	--	2.51E+01	
Max	Ground	Agricultural	High Boom	Berry - child	1.00E+02	#####	#####	--	--	0.12%	0.35%	--	--	1.67E+01	
Typical	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	#####	#####	--	--	0.11%	0.46%	--	--	1.91E+01	
Typical	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	#####	#####	--	--	0.09%	0.46%	--	--	1.92E+01	
Typical	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	#####	#####	--	--	0.01%	0.07%	--	--	1.34E+02	
Typical	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	#####	#####	--	--	0.02%	0.11%	--	--	8.08E+01	
Max	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	#####	#####	--	--	0.40%	1.71%	--	--	5.10E+00	
Max	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	#####	#####	--	--	0.34%	1.49%	--	--	5.89E+00	
Max	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	#####	#####	--	--	0.03%	0.23%	--	--	3.85E+01	
Max	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	#####	#####	--	--	0.05%	0.34%	--	--	2.57E+01	
Typical	Aerial	Agricultural	Plane	Angler	1.00E+02	#####	#####	--	--	0.11%	--	--	0.0100%	2.17E+01	
Typical	Aerial	Agricultural	Helicopter	Angler	1.00E+02	#####	#####	--	--	0.09%	--	--	0.0085%	2.18E+01	
Typical	Ground	Agricultural	Low Boom	Angler	1.00E+02	#####	#####	--	--	0.01%	--	--	0.0009%	1.52E+02	
Typical	Ground	Agricultural	High Boom	Angler	1.00E+02	#####	#####	--	--	0.02%	--	--	0.0015%	9.20E+01	
Max	Aerial	Agricultural	Plane	Angler	1.00E+02	#####	#####	--	--	0.40%	--	--	0.0383%	5.80E+00	
Max	Aerial	Agricultural	Helicopter	Angler	1.00E+02	#####	#####	--	--	0.34%	--	--	0.0319%	6.69E+00	
Max	Ground	Agricultural	Low Boom	Angler	1.00E+02	#####	#####	--	--	0.03%	--	--	0.0031%	4.39E+01	
Max	Ground	Agricultural	High Boom	Angler	1.00E+02	#####	#####	--	--	0.05%	--	--	0.0050%	2.92E+01	

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculator: Aggregate Risk Index - Intermediate Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure Scenario

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways				Incidental Ingestion		Exposure Pathways		Intermediate-Term Aggregate Risk Index	
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD		
Typical	Aerial	Agricultural	Plane	Res-child	1.00E+02	#####	#####	---	---	---	0.46%	---	6.18E+00	
Typical	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	#####	#####	---	---	---	0.46%	---	6.18E+00	
Typical	Ground	Agricultural	Low Boom	Res-child	1.00E+02	#####	#####	---	---	---	0.07%	---	4.28E+01	
Typical	Ground	Agricultural	High Boom	Res-child	1.00E+02	#####	#####	---	---	---	0.11%	---	2.59E+01	
Max	Aerial	Agricultural	Plane	Res-child	1.00E+02	#####	#####	---	---	---	1.73%	---	1.65E+00	
Max	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	#####	#####	---	---	---	1.50%	---	1.90E+00	
Max	Ground	Agricultural	Low Boom	Res-child	1.00E+02	#####	#####	---	---	---	0.23%	---	1.24E+01	
Max	Ground	Agricultural	High Boom	Res-child	1.00E+02	#####	#####	---	---	---	0.35%	---	8.23E+00	
Typical	Aerial	Agricultural	Plane	Res-adult	1.00E+02	#####	#####	---	---	---	0.46%	---	1.01E+01	
Typical	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	#####	#####	---	---	---	0.46%	---	1.01E+01	
Typical	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	#####	#####	---	---	---	0.07%	---	7.02E+01	
Typical	Ground	Agricultural	High Boom	Res-adult	1.00E+02	#####	#####	---	---	---	0.11%	---	4.24E+01	
Max	Aerial	Agricultural	Plane	Res-adult	1.00E+02	#####	#####	---	---	---	1.71%	---	2.70E+00	
Max	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	#####	#####	---	---	---	1.49%	---	3.12E+00	
Max	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	#####	#####	---	---	---	0.23%	---	2.02E+01	
Max	Ground	Agricultural	High Boom	Res-adult	1.00E+02	#####	#####	---	---	---	0.34%	---	1.35E+01	
Typical	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	#####	#####	1.87E+07	---	---	0.46%	0.1401%	1.20E+01	
Typical	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	#####	#####	2.20E+07	---	---	0.46%	0.1191%	1.20E+01	
Typical	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	#####	#####	1.97E+08	---	---	0.01%	0.0133%	8.40E+01	
Typical	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	#####	#####	1.23E+08	---	---	0.02%	0.0214%	5.08E+01	
Max	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	#####	#####	4.87E+06	---	---	0.47%	1.73%	3.19E+00	
Max	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	#####	#####	5.84E+06	---	---	0.39%	1.50%	3.69E+00	
Max	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	#####	#####	6.03E+07	---	---	0.04%	0.23%	0.0435%	2.42E+01
Max	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	#####	#####	3.74E+07	---	---	0.06%	0.35%	0.0701%	1.61E+01
Typical	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	#####	#####	3.20E+07	---	---	0.05%	0.46%	0.1399%	1.79E+01
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	#####	#####	3.77E+07	---	---	0.04%	0.46%	0.1189%	1.80E+01
Typical	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	#####	#####	3.37E+08	---	---	0.00%	0.07%	0.0133%	1.25E+02
Typical	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	#####	#####	2.10E+08	---	---	0.01%	0.11%	0.0214%	7.59E+01
Max	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	#####	#####	8.33E+06	---	---	0.20%	1.71%	0.5375%	4.77E+00
Max	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	#####	#####	9.99E+06	---	---	0.17%	1.49%	0.4481%	5.51E+00
Max	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	#####	#####	1.03E+08	---	---	0.02%	0.23%	0.0434%	3.63E+01
Max	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	#####	#####	6.40E+07	---	---	0.03%	0.34%	0.0699%	2.41E+01

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculator: Aggregate Risk Index - Intermediate Term Exposure Scenario
 Scenario: Public Receptors - Routine Exposure Scenario
 Pesticide: Fluridone
 Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways			Incidental Ingestion		Exposure Pathways			Intermediate-Term Aggregate Risk Index
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD	
Typical	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	4.87E+07	2.55E+06	--	--	--	2.42E+04
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	5.72E+07	3.00E+06	--	--	--	2.85E+04
Typical	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	5.13E+08	2.69E+07	--	--	--	2.55E+05
Typical	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	3.19E+08	1.67E+07	--	--	--	1.59E+05
Max	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	1.27E+07	6.64E+05	--	--	--	6.31E+03
Max	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	1.52E+07	7.96E+05	--	--	--	7.57E+03
Max	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	1.57E+08	8.21E+06	--	--	--	7.81E+04
Max	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	9.73E+07	5.10E+06	--	--	--	4.85E+04
Typical	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	8.33E+07	1.19E+07	--	--	--	1.04E+05
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	9.79E+07	1.40E+07	--	--	--	1.22E+05
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	8.77E+08	1.25E+08	--	--	--	1.10E+06
Typical	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	5.45E+08	7.80E+07	--	--	--	6.82E+05
Max	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	2.17E+07	3.10E+06	--	--	--	2.71E+04
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	2.60E+07	3.72E+06	--	--	--	3.25E+04
Max	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	2.68E+08	3.83E+07	--	--	--	3.35E+05
Max	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	1.67E+08	2.38E+07	--	--	--	2.08E+05

--Receptor not exposed via this pathway.

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculator: Aggregate Risk Index - Long Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways			Incidental Ingestion			Exposure Pathways			Long-Term Aggregate Risk Index
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD		
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.11%	--	--	7.08E+00	
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.09%	--	--	7.09E+00	
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.01%	--	--	4.92E+01	
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.02%	--	--	2.98E+01	
Max	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.40%	--	--	1.89E+00	
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.34%	--	--	2.18E+00	
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.03%	--	--	1.42E+01	
Max	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	#####	#####	---	---	0.05%	--	--	9.47E+00	
Typical	Aerial	Agricultural	Plane	Berry - child	1.00E+02	#####	#####	---	---	0.25%	0.46%	--	4.21E+00	
Typical	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	#####	#####	---	---	0.21%	0.46%	--	4.22E+00	
Typical	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	#####	#####	---	---	0.02%	0.07%	--	2.93E+01	
Typical	Ground	Agricultural	High Boom	Berry - child	1.00E+02	#####	#####	---	---	0.04%	0.11%	--	1.77E+01	
Max	Aerial	Agricultural	Plane	Berry - child	1.00E+02	#####	#####	---	---	0.94%	1.73%	--	1.12E+00	
Max	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	#####	#####	---	---	0.79%	1.50%	--	1.30E+00	
Max	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	#####	#####	---	---	0.08%	0.23%	--	8.46E+00	
Max	Ground	Agricultural	High Boom	Berry - child	1.00E+02	#####	#####	---	---	0.12%	0.35%	--	5.64E+00	
Typical	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	#####	#####	---	---	0.11%	0.46%	--	6.60E+00	
Typical	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	#####	#####	---	---	0.09%	0.46%	--	6.61E+00	
Typical	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	#####	#####	---	---	0.01%	0.07%	--	4.59E+01	
Typical	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	#####	#####	---	---	0.02%	0.11%	--	2.78E+01	
Max	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	#####	#####	---	---	0.40%	1.71%	--	1.76E+00	
Max	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	#####	#####	---	---	0.34%	1.49%	--	2.03E+00	
Max	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	#####	#####	---	---	0.03%	0.23%	--	1.32E+01	
Max	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	#####	#####	---	---	0.05%	0.34%	--	8.83E+00	
Typical	Aerial	Agricultural	Plane	Angler	1.00E+02	#####	#####	---	---	0.11%	--	0.0100%	7.08E+00	
Typical	Aerial	Agricultural	Helicopter	Angler	1.00E+02	#####	#####	---	---	0.09%	--	0.0085%	7.09E+00	
Typical	Ground	Agricultural	Low Boom	Angler	1.00E+02	#####	#####	---	---	0.01%	--	0.0009%	4.92E+01	
Typical	Ground	Agricultural	High Boom	Angler	1.00E+02	#####	#####	---	---	0.02%	--	0.0015%	2.98E+01	
Max	Aerial	Agricultural	Plane	Angler	1.00E+02	#####	#####	---	---	0.40%	--	0.0383%	1.89E+00	
Max	Aerial	Agricultural	Helicopter	Angler	1.00E+02	#####	#####	---	---	0.34%	--	0.0319%	2.18E+00	
Max	Ground	Agricultural	Low Boom	Angler	1.00E+02	#####	#####	---	---	0.03%	--	0.0031%	1.42E+01	
Max	Ground	Agricultural	High Boom	Angler	1.00E+02	#####	#####	---	---	0.05%	--	0.0050%	9.47E+00	

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Long Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Flutidone

Program: Aquatic Sites

Scenario	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways				Incidental Ingestion		Exposure Pathways		Long-Term Aggregate Risk Index
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD	
Typical	Aerial	Agricultural	Plane	Res-child	1.00E+02	#####	#####	#####	--	--	--	2.02E+00	
Typical	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	#####	#####	#####	--	--	0.46%	2.02E+00	
Typical	Ground	Agricultural	Low Boom	Res-child	1.00E+02	#####	#####	#####	--	--	0.07%	1.40E+01	
Typical	Ground	Agricultural	High Boom	Res-child	1.00E+02	#####	#####	#####	--	--	0.11%	8.45E+00	
Max	Aerial	Agricultural	Plane	Res-child	1.00E+02	#####	#####	#####	--	--	1.73%	5.37E-01	
Max	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	#####	#####	#####	--	--	1.50%	6.20E-01	
Max	Ground	Agricultural	Low Boom	Res-child	1.00E+02	#####	#####	#####	--	--	0.23%	4.03E+00	
Max	Ground	Agricultural	High Boom	Res-child	1.00E+02	#####	#####	#####	--	--	0.35%	2.69E+00	
Typical	Aerial	Agricultural	Plane	Res-adult	1.00E+02	#####	#####	#####	--	--	0.46%	3.34E+00	
Typical	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	#####	#####	#####	--	--	0.46%	3.34E+00	
Typical	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	#####	#####	#####	--	--	0.07%	2.32E+01	
Typical	Ground	Agricultural	High Boom	Res-adult	1.00E+02	#####	#####	#####	--	--	0.11%	1.40E+01	
Max	Aerial	Agricultural	Plane	Res-adult	1.00E+02	#####	#####	#####	--	--	1.71%	8.92E-01	
Max	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	#####	#####	#####	--	--	1.49%	1.03E+00	
Max	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	#####	#####	#####	--	--	0.23%	6.69E+00	
Max	Ground	Agricultural	High Boom	Res-adult	1.00E+02	#####	#####	#####	--	--	0.34%	4.46E+00	
Typical	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	#####	#####	#####	1.87E+07	0.12%	0.46%	0.1401%	
Typical	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	#####	#####	#####	2.20E+07	0.10%	0.46%	0.1191%	
Typical	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	#####	#####	#####	1.97E+08	0.01%	0.07%	0.0133%	
Typical	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	#####	#####	#####	1.23E+08	0.02%	0.11%	0.0214%	
Max	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	#####	#####	#####	4.87E+06	0.47%	1.73%	0.5385%	
Max	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	#####	#####	#####	5.84E+06	0.39%	1.50%	0.4489%	
Max	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	#####	#####	#####	6.03E+07	0.04%	0.23%	0.0435%	
Max	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	#####	#####	#####	3.74E+07	0.06%	0.35%	0.0701%	
Typical	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	#####	#####	#####	3.20E+07	0.05%	0.46%	0.1399%	
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	#####	#####	#####	3.77E+07	0.04%	0.46%	0.1189%	
Typical	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	#####	#####	#####	3.37E+08	0.00%	0.07%	0.0133%	
Typical	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	#####	#####	#####	2.10E+08	0.01%	0.11%	0.0214%	
Max	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	#####	#####	#####	8.33E+06	0.20%	1.71%	0.5375%	
Max	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	#####	#####	#####	9.99E+06	0.17%	1.49%	0.4481%	
Max	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	#####	#####	#####	1.03E+08	0.02%	0.23%	0.0434%	
Max	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	#####	#####	#####	6.40E+07	0.03%	0.34%	0.0699%	

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Long Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways				Incidental Ingestion		Exposure Pathways			Long-Term Aggregate Risk Index
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD		
Typical	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	4.87E+07	2.55E+06	--	--	--	2.42E+04	
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	5.72E+07	3.00E+06	--	--	--	2.85E+04	
Typical	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	5.13E+08	2.69E+07	--	--	--	2.55E+05	
Typical	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	3.19E+08	1.67E+07	--	--	--	1.59E+05	
Max	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	1.27E+07	6.64E+05	--	--	--	6.31E+03	
Max	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	1.52E+07	7.96E+05	--	--	--	7.57E+03	
Max	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	1.57E+08	8.21E+06	--	--	--	7.81E+04	
Max	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	9.73E+07	5.10E+06	--	--	--	4.85E+04	
Typical	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	8.33E+07	1.19E+07	--	--	--	1.04E+05	
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	9.79E+07	1.40E+07	--	--	--	1.22E+05	
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	8.77E+08	1.25E+08	--	--	--	1.10E+06	
Typical	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	5.45E+08	7.80E+07	--	--	--	6.82E+05	
Max	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	2.17E+07	3.10E+06	--	--	--	2.71E+04	
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	2.60E+07	3.72E+06	--	--	--	3.25E+04	
Max	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	2.68E+08	3.83E+07	--	--	--	3.35E+05	
Max	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	1.67E+08	2.38E+07	--	--	--	2.08E+05	

--Receptor not exposed via this pathway.

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
 Aggregate Risk Indices - Routine Exposure Scenarios for Public Receptors

Herbicide: Fluridone
 Programs: Aquatic Sites

EIS HHRA
 BLM

Land Type (a): Equipment:	Typical Application Rate Scenario ARIs (c)				Maximum Application Rate Scenario ARIs (c)			
	Aerial		Ground		Aerial		Ground	
	Plane	Helicopter	Low boom (b)	High boom (b)	Plane	Helicopter	Low boom (b)	High boom (b)
Intermediate-Term Exposure (d)								
Hiker/Hunter (Adult)	22	22	152	92	5.8	6.7	44	29
Berry Picker (Child)	12	12	87	53	3.3	3.8	25	17
Berry Picker (Adult)	19	19	134	81	5.1	5.9	39	26
Angler (Adult)	22	22	152	92	5.8	6.7	44	29
Residential (Child)	6.2	6.2	43	26	1.6	1.9	12.4	8.2
Residential (Adult)	10.1	10.1	70	42	2.7	3.1	20.2	13.5
Native American (Child)	12	12	84	51	3.2	3.7	24	16
Native American (Adult)	18	18	125	76	4.8	5.5	36	24
Swimmer (Child)	24,239	28,506	255,426	158,717	6,307	7,565	78,055	48,479
Swimmer (Adult)	104,156	122,487	1,097,553	681,999	27,099	32,507	335,397	208,311
Long-Term Exposure (d)								
Hiker/Hunter (Adult)	7.08	7.09	49.24	29.78	1.89	2.18	14.21	9.47
Berry Picker (Child)	4.21	4.22	29.32	17.73	1.12	1.30	8.46	5.64
Berry Picker (Adult)	6.60	6.61	45.89	27.76	1.76	2.03	13.24	8.83
Angler (Adult)	7.08	7.09	49.22	29.77	1.89	2.18	14.20	9.47
Residential (Child)	2.02	2.02	13.97	8.45	0.54	0.62	4.03	2.69
Residential (Adult)	3.34	3.34	23.19	14.02	0.89	1.03	6.69	4.46
Native American (Child)	4.07	4.08	28.34	17.15	1.09	1.25	8.18	5.45
Native American (Adult)	6	6	43	26	2	2	12	8
Swimmer (Child)	24,239	28,506	255,426	158,717	6,307	7,565	78,055	48,479
Swimmer (Adult)	104,156	122,487	1,097,553	681,999	27,099	32,507	335,397	208,311

Notes:

*Trademark of SePRO Corporation

ARI - Aggregate Risk Index. Values less than one represent a level of concern. ARIs less than one are highlighted.

(a) - AgDrift® was used to predict spray drift deposition onto a pond. Agricultural land type is used as a proxy for a pond for aerial scenarios. Ground scenarios are not differentiated in AgDRIFT® by land type.

(b) - Low and High Boom applies to a truck-mount or an All-Terrain Vehicle (ATV)-mount boom.

(c) - Application rates are shown on Table 4-1 and are the same for each program.

(d) - Intermediate- and long-term ARIs are based on dermal, incidental oral, and dietary exposures.

(e) - Application rates are shown on Table 4-1 and are the same for each program.

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure

Scenario: Public Receptors - Routine Exposure

Pathway: Dermal Contact with Foliage

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Dislodgeable Foliar Residue (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	Normal NOAELs (mg/kg-day)		MOE (unitless)	
											Int	Long		Int
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	2.00E-01	4.00E-01	5.77E-05	1.15E-05	2.86E+01	1.32E-04	2.50E+01	8.00E+00	1.90E+05	6.07E+04
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	2.00E-01	4.00E-01	9.54E-05	1.91E-05	2.86E+01	2.18E-04	2.50E+01	8.00E+00	1.15E+05	3.67E+04
Max	Aerial	Agricultural	Plane	Hiker/Hunter	2.00E-01	4.00E-01	1.50E-03	3.00E-04	2.86E+01	3.43E-03	2.50E+01	8.00E+00	7.29E+03	2.33E+03
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	2.00E-01	4.00E-01	1.30E-03	2.60E-04	2.86E+01	2.97E-03	2.50E+01	8.00E+00	8.41E+03	2.69E+03
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	2.00E-01	4.00E-01	2.00E-04	4.00E-05	2.86E+01	4.57E-04	2.50E+01	8.00E+00	5.47E+04	1.75E+04
Max	Ground	Agricultural	High Boom	Hiker/Hunter	2.00E-01	4.00E-01	3.00E-04	6.00E-05	2.86E+01	6.86E-04	2.50E+01	8.00E+00	3.65E+04	1.17E+04
Typical	Aerial	Agricultural	Plane	Berry - child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.00E+01	1.28E-03	2.50E+01	8.00E+00	1.95E+04	6.25E+03
Typical	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.00E+01	1.28E-03	2.50E+01	8.00E+00	1.95E+04	6.25E+03
Typical	Ground	Agricultural	Low Boom	Berry - child	2.00E-01	4.00E-01	5.77E-05	1.15E-05	4.00E+01	1.85E-04	2.50E+01	8.00E+00	1.35E+05	4.33E+04
Typical	Ground	Agricultural	High Boom	Berry - child	2.00E-01	4.00E-01	9.54E-05	1.91E-05	4.00E+01	3.05E-04	2.50E+01	8.00E+00	8.19E+04	2.62E+04
Max	Aerial	Agricultural	Plane	Berry - child	2.00E-01	4.00E-01	1.50E-03	3.00E-04	4.00E+01	4.80E-03	2.50E+01	8.00E+00	5.21E+03	1.67E+03
Max	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	4.00E-01	1.30E-03	2.60E-04	4.00E+01	4.16E-03	2.50E+01	8.00E+00	6.01E+03	1.92E+03
Max	Ground	Agricultural	Low Boom	Berry - child	2.00E-01	4.00E-01	2.00E-04	4.00E-05	4.00E+01	6.40E-04	2.50E+01	8.00E+00	3.91E+04	1.25E+04
Max	Ground	Agricultural	High Boom	Berry - child	2.00E-01	4.00E-01	3.00E-04	6.00E-05	4.00E+01	9.60E-04	2.50E+01	8.00E+00	2.60E+04	8.33E+03
Typical	Aerial	Agricultural	Plane	Berry - adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.29E+01	1.37E-03	2.50E+01	8.00E+00	1.82E+04	5.83E+03
Typical	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.29E+01	1.37E-03	2.50E+01	8.00E+00	1.82E+04	5.83E+03
Typical	Ground	Agricultural	Low Boom	Berry - adult	2.00E-01	4.00E-01	5.77E-05	1.15E-05	4.29E+01	1.98E-04	2.50E+01	8.00E+00	1.26E+05	4.04E+04
Typical	Ground	Agricultural	High Boom	Berry - adult	2.00E-01	4.00E-01	9.54E-05	1.91E-05	4.29E+01	3.27E-04	2.50E+01	8.00E+00	7.64E+04	2.45E+04
Max	Aerial	Agricultural	Plane	Berry - adult	2.00E-01	4.00E-01	1.50E-03	3.00E-04	4.29E+01	5.14E-03	2.50E+01	8.00E+00	4.86E+03	1.56E+03
Max	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	4.00E-01	1.30E-03	2.60E-04	4.29E+01	4.46E-03	2.50E+01	8.00E+00	5.61E+03	1.79E+03
Max	Ground	Agricultural	Low Boom	Berry - adult	2.00E-01	4.00E-01	2.00E-04	4.00E-05	4.29E+01	6.86E-04	2.50E+01	8.00E+00	3.65E+04	1.17E+04
Max	Ground	Agricultural	High Boom	Berry - adult	2.00E-01	4.00E-01	3.00E-04	6.00E-05	4.29E+01	1.03E-03	2.50E+01	8.00E+00	2.43E+04	7.78E+03
Typical	Aerial	Agricultural	Plane	Angler	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Aerial	Agricultural	Helicopter	Angler	2.00E-01	4.00E-01	4.00E-04	8.00E-05	2.86E+01	9.14E-04	2.50E+01	8.00E+00	2.73E+04	8.75E+03
Typical	Ground	Agricultural	Low Boom	Angler	2.00E-01	4.00E-01	5.77E-05	1.15E-05	2.86E+01	1.32E-04	2.50E+01	8.00E+00	1.90E+05	6.07E+04
Typical	Ground	Agricultural	High Boom	Angler	2.00E-01	4.00E-01	9.54E-05	1.91E-05	2.86E+01	2.18E-04	2.50E+01	8.00E+00	1.15E+05	3.67E+04
Max	Aerial	Agricultural	Plane	Angler	2.00E-01	4.00E-01	1.50E-03	3.00E-04	2.86E+01	3.43E-03	2.50E+01	8.00E+00	7.29E+03	2.33E+03
Max	Aerial	Agricultural	Helicopter	Angler	2.00E-01	4.00E-01	1.30E-03	2.60E-04	2.86E+01	2.97E-03	2.50E+01	8.00E+00	8.41E+03	2.69E+03
Max	Ground	Agricultural	Low Boom	Angler	2.00E-01	4.00E-01	2.00E-04	4.00E-05	2.86E+01	4.57E-04	2.50E+01	8.00E+00	5.47E+04	1.75E+04
Max	Ground	Agricultural	High Boom	Angler	2.00E-01	4.00E-01	3.00E-04	6.00E-05	2.86E+01	6.86E-04	2.50E+01	8.00E+00	3.65E+04	1.17E+04

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Foliage
 Pesticide: Fluridone
 Program: Aquatic Sites

Scenario	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Foliage	Dermal Absorption Factor	Deposition Rate (mg/cm2)	Dislodgeable Foliar Residue (mg/cm2)	Exposure Factor (cm2/kg-day)	Dermal Dose (mg/kg-day)	Annual NOAELs (mg/kg-day)		MOE (unitless)	
											Int	Long	Int	Long
Typical	Aerial	Agricultural	Plane	Res-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.93E+02	2.22E-02	2.50E+01	8.00E+00	1.13E+03	3.61E+02
Typical	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.93E+02	2.22E-02	2.50E+01	8.00E+00	1.13E+03	3.61E+02
Typical	Ground	Agricultural	Low Boom	Res-child	2.00E-01	4.00E-01	5.77E-05	1.15E-05	6.93E+02	3.20E-03	2.50E+01	8.00E+00	7.81E+03	2.50E+02
Typical	Ground	Agricultural	High Boom	Res-child	2.00E-01	4.00E-01	9.54E-05	1.91E-05	6.93E+02	5.29E-03	2.50E+01	8.00E+00	4.72E+03	1.51E+03
Max	Aerial	Agricultural	Plane	Res-child	2.00E-01	4.00E-01	1.50E-03	3.00E-04	6.93E+02	8.32E-02	2.50E+01	8.00E+00	3.00E+02	9.62E+01
Max	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	4.00E-01	1.30E-03	2.60E-04	6.93E+02	7.21E-02	2.50E+01	8.00E+00	3.47E+02	1.11E+02
Max	Ground	Agricultural	Low Boom	Res-child	2.00E-01	4.00E-01	2.00E-04	4.00E-05	6.93E+02	1.11E-02	2.50E+01	8.00E+00	2.25E+03	7.21E+02
Max	Ground	Agricultural	High Boom	Res-child	2.00E-01	4.00E-01	3.00E-04	6.00E-05	6.93E+02	1.66E-02	2.50E+01	8.00E+00	1.50E+03	4.81E+02
Typical	Aerial	Agricultural	Plane	Res-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.14E+02	1.33E-02	2.50E+01	8.00E+00	1.89E+03	6.03E+02
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	4.14E+02	1.33E-02	2.50E+01	8.00E+00	1.89E+03	6.03E+02
Typical	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	4.00E-01	5.77E-05	1.15E-05	4.14E+02	1.91E-03	2.50E+01	8.00E+00	1.31E+04	4.18E+03
Typical	Ground	Agricultural	High Boom	Res-adult	2.00E-01	4.00E-01	9.54E-05	1.91E-05	4.14E+02	3.16E-03	2.50E+01	8.00E+00	7.91E+03	2.53E+03
Max	Aerial	Agricultural	Plane	Res-adult	2.00E-01	4.00E-01	1.50E-03	3.00E-04	4.14E+02	4.97E-02	2.50E+01	8.00E+00	5.03E+02	1.61E+02
Max	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-01	1.30E-03	2.60E-04	4.14E+02	4.31E-02	2.50E+01	8.00E+00	5.80E+02	1.86E+02
Max	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	4.00E-01	2.00E-04	4.00E-05	4.14E+02	6.31E-03	2.50E+01	8.00E+00	3.77E+03	1.21E+03
Max	Ground	Agricultural	High Boom	Res-adult	2.00E-01	4.00E-01	3.00E-04	6.00E-05	4.14E+02	9.94E-03	2.50E+01	8.00E+00	2.51E+03	8.05E+02
Typical	Aerial	Agricultural	Plane	N.A.-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.00E+01	1.92E-03	2.50E+01	8.00E+00	1.30E+04	4.17E+03
Typical	Aerial	Agricultural	Helicopter	N.A.-child	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.00E+01	1.92E-03	2.50E+01	8.00E+00	1.30E+04	4.17E+03
Typical	Ground	Agricultural	Low Boom	N.A.-child	2.00E-01	4.00E-01	5.77E-05	1.15E-05	6.00E+01	2.77E-04	2.50E+01	8.00E+00	9.03E+04	2.89E+04
Typical	Ground	Agricultural	High Boom	N.A.-child	2.00E-01	4.00E-01	9.54E-05	1.91E-05	6.00E+01	4.58E-04	2.50E+01	8.00E+00	5.46E+04	1.75E+04
Max	Aerial	Agricultural	Plane	N.A.-child	2.00E-01	4.00E-01	1.50E-03	3.00E-04	6.00E+01	7.20E-03	2.50E+01	8.00E+00	3.47E+03	1.11E+03
Max	Aerial	Agricultural	Helicopter	N.A.-child	2.00E-01	4.00E-01	1.30E-03	2.60E-04	6.00E+01	6.24E-03	2.50E+01	8.00E+00	4.01E+03	1.28E+03
Max	Ground	Agricultural	Low Boom	N.A.-child	2.00E-01	4.00E-01	2.00E-04	4.00E-05	6.00E+01	9.60E-04	2.50E+01	8.00E+00	2.60E+04	8.33E+03
Max	Ground	Agricultural	High Boom	N.A.-child	2.00E-01	4.00E-01	3.00E-04	6.00E-05	6.00E+01	1.44E-03	2.50E+01	8.00E+00	1.74E+04	5.56E+03
Typical	Aerial	Agricultural	Plane	N.A.-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.43E+01	2.06E-03	2.50E+01	8.00E+00	1.22E+04	3.89E+03
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	2.00E-01	4.00E-01	4.00E-04	8.00E-05	6.43E+01	2.06E-03	2.50E+01	8.00E+00	1.22E+04	3.89E+03
Typical	Ground	Agricultural	Low Boom	N.A.-adult	2.00E-01	4.00E-01	5.77E-05	1.15E-05	6.43E+01	2.97E-04	2.50E+01	8.00E+00	8.42E+04	2.70E+04
Typical	Ground	Agricultural	High Boom	N.A.-adult	2.00E-01	4.00E-01	9.54E-05	1.91E-05	6.43E+01	4.91E-04	2.50E+01	8.00E+00	5.10E+04	1.63E+04
Max	Aerial	Agricultural	Plane	N.A.-adult	2.00E-01	4.00E-01	1.50E-03	3.00E-04	6.43E+01	7.71E-03	2.50E+01	8.00E+00	3.24E+03	1.04E+03
Max	Aerial	Agricultural	Helicopter	N.A.-adult	2.00E-01	4.00E-01	1.30E-03	2.60E-04	6.43E+01	6.69E-03	2.50E+01	8.00E+00	3.74E+03	1.20E+03
Max	Ground	Agricultural	Low Boom	N.A.-adult	2.00E-01	4.00E-01	2.00E-04	4.00E-05	6.43E+01	1.03E-03	2.50E+01	8.00E+00	2.43E+04	7.78E+03
Max	Ground	Agricultural	High Boom	N.A.-adult	2.00E-01	4.00E-01	3.00E-04	6.00E-05	6.43E+01	1.54E-03	2.50E+01	8.00E+00	1.62E+04	5.19E+03

NA - Not Available
 NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Ingestion of Berries

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Berry	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	Berry - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Berry - child	2.00E-01	5.77E-05	4.60E+00	5.31E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Berry - child	2.00E-01	9.54E-05	4.60E+00	8.78E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Berry - child	2.00E-01	1.50E-03	4.60E+00	1.38E-03	8.00E-02	1.73%
Max	Aerial	Agricultural	Helicopter	Berry - child	2.00E-01	1.30E-03	4.60E+00	1.20E-03	8.00E-02	1.50%
Max	Ground	Agricultural	Low Boom	Berry - child	2.00E-01	2.00E-04	4.60E+00	1.84E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Berry - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	8.00E-02	0.35%
Typical	Aerial	Agricultural	Plane	Berry - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Berry - adult	2.00E-01	5.77E-05	4.57E+00	5.28E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Berry - adult	2.00E-01	9.54E-05	4.57E+00	8.72E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Berry - adult	2.00E-01	1.50E-03	4.57E+00	1.37E-03	8.00E-02	1.71%
Max	Aerial	Agricultural	Helicopter	Berry - adult	2.00E-01	1.30E-03	4.57E+00	1.19E-03	8.00E-02	1.49%
Max	Ground	Agricultural	Low Boom	Berry - adult	2.00E-01	2.00E-04	4.57E+00	1.83E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Berry - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	8.00E-02	0.34%
Typical	Aerial	Agricultural	Plane	Res-child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Res-child	2.00E-01	5.77E-05	4.60E+00	5.31E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Res-child	2.00E-01	9.54E-05	4.60E+00	8.78E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Res-child	2.00E-01	1.50E-03	4.60E+00	1.38E-03	8.00E-02	1.73%
Max	Aerial	Agricultural	Helicopter	Res-child	2.00E-01	1.30E-03	4.60E+00	1.20E-03	8.00E-02	1.50%
Max	Ground	Agricultural	Low Boom	Res-child	2.00E-01	2.00E-04	4.60E+00	1.84E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Res-child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	8.00E-02	0.35%
Typical	Aerial	Agricultural	Plane	Res-adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	5.77E-05	4.57E+00	5.28E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	Res-adult	2.00E-01	9.54E-05	4.57E+00	8.72E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	Res-adult	2.00E-01	1.50E-03	4.57E+00	1.37E-03	8.00E-02	1.71%
Max	Aerial	Agricultural	Helicopter	Res-adult	2.00E-01	1.30E-03	4.57E+00	1.19E-03	8.00E-02	1.49%
Max	Ground	Agricultural	Low Boom	Res-adult	2.00E-01	2.00E-04	4.57E+00	1.83E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	Res-adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	8.00E-02	0.34%

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Ingestion of Berries

Pesticide: Flutidone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Fraction a.i. Retained on Berry	Deposition Rate (mg/cm2)	Exposure Factor (cm2/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	N.American - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.00E-01	4.00E-04	4.60E+00	3.68E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	N.American - child	2.00E-01	5.77E-05	4.60E+00	5.31E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	N.American - child	2.00E-01	9.54E-05	4.60E+00	8.78E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	N.American - child	2.00E-01	1.50E-03	4.60E+00	1.38E-03	8.00E-02	1.73%
Max	Aerial	Agricultural	Helicopter	N.American - child	2.00E-01	1.30E-03	4.60E+00	1.20E-03	8.00E-02	1.50%
Max	Ground	Agricultural	Low Boom	N.American - child	2.00E-01	2.00E-04	4.60E+00	1.84E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	N.American - child	2.00E-01	3.00E-04	4.60E+00	2.76E-04	8.00E-02	0.35%
Typical	Aerial	Agricultural	Plane	N.American - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.00E-01	4.00E-04	4.57E+00	3.66E-04	8.00E-02	0.46%
Typical	Ground	Agricultural	Low Boom	N.American - adult	2.00E-01	5.77E-05	4.57E+00	5.28E-05	8.00E-02	0.07%
Typical	Ground	Agricultural	High Boom	N.American - adult	2.00E-01	9.54E-05	4.57E+00	8.72E-05	8.00E-02	0.11%
Max	Aerial	Agricultural	Plane	N.American - adult	2.00E-01	1.50E-03	4.57E+00	1.37E-03	8.00E-02	1.71%
Max	Aerial	Agricultural	Helicopter	N.American - adult	2.00E-01	1.30E-03	4.57E+00	1.19E-03	8.00E-02	1.49%
Max	Ground	Agricultural	Low Boom	N.American - adult	2.00E-01	2.00E-04	4.57E+00	1.83E-04	8.00E-02	0.23%
Max	Ground	Agricultural	High Boom	N.American - adult	2.00E-01	3.00E-04	4.57E+00	2.74E-04	8.00E-02	0.34%

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Margins of Exposure
 Scenario: Public Receptors - Routine Exposure
 Pathway: Dermal Contact with Water While Swimming
 Pesticide: Flutidone
 Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Skin Permeability Constant (cm/hr)	Water Concentration (mg/L)	Unit Correction Factor (L/cm ³)	Exposure Factor (cm ² -hr/kg-day)	Absorbed Dose (mg/kg-day)	Oral NOAEL (mg/kg-day)	MOE (unitless)
Typical	Aerial	Agricultural	Plane	Swimmer-child	3.97E-04	2.94E-03	1.00E-03	4.40E+02	5.14E-07	2.50E+01	4.87E+07
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	3.97E-04	2.50E-03	1.00E-03	4.40E+02	4.37E-07	2.50E+01	5.72E+07
Typical	Ground	Agricultural	Low Boom	Swimmer-child	3.97E-04	2.79E-04	1.00E-03	4.40E+02	4.88E-08	2.50E+01	5.13E+08
Typical	Ground	Agricultural	High Boom	Swimmer-child	3.97E-04	4.49E-04	1.00E-03	4.40E+02	7.85E-08	2.50E+01	3.19E+08
Max	Aerial	Agricultural	Plane	Swimmer-child	3.97E-04	1.13E-02	1.00E-03	4.40E+02	1.97E-06	2.50E+01	1.27E+07
Max	Aerial	Agricultural	Helicopter	Swimmer-child	3.97E-04	9.42E-03	1.00E-03	4.40E+02	1.65E-06	2.50E+01	1.52E+07
Max	Ground	Agricultural	Low Boom	Swimmer-child	3.97E-04	9.13E-04	1.00E-03	4.40E+02	1.60E-07	2.50E+01	1.57E+08
Max	Ground	Agricultural	High Boom	Swimmer-child	3.97E-04	1.47E-03	1.00E-03	4.40E+02	2.57E-07	2.50E+01	9.73E+07
Typical	Aerial	Agricultural	Plane	Swimmer-adult	3.97E-04	2.94E-03	1.00E-03	2.57E+02	3.00E-07	2.50E+01	8.33E+07
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	3.97E-04	2.50E-03	1.00E-03	2.57E+02	2.55E-07	2.50E+01	9.79E+07
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	3.97E-04	2.79E-04	1.00E-03	2.57E+02	2.85E-08	2.50E+01	8.77E+08
Typical	Ground	Agricultural	High Boom	Swimmer-adult	3.97E-04	4.49E-04	1.00E-03	2.57E+02	4.59E-08	2.50E+01	5.45E+08
Max	Aerial	Agricultural	Plane	Swimmer-adult	3.97E-04	1.13E-02	1.00E-03	2.57E+02	1.15E-06	2.50E+01	2.17E+07
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	3.97E-04	9.42E-03	1.00E-03	2.57E+02	9.62E-07	2.50E+01	2.60E+07
Max	Ground	Agricultural	Low Boom	Swimmer-adult	3.97E-04	9.13E-04	1.00E-03	2.57E+02	9.32E-08	2.50E+01	2.68E+08
Max	Ground	Agricultural	High Boom	Swimmer-adult	3.97E-04	1.47E-03	1.00E-03	2.57E+02	1.50E-07	2.50E+01	1.67E+08
Typical	Aerial	Agricultural	Plane	N.American-child	3.97E-04	2.94E-03	1.00E-03	1.14E+03	1.34E-06	2.50E+01	1.87E+07
Typical	Aerial	Agricultural	Helicopter	N.American-child	3.97E-04	2.50E-03	1.00E-03	1.14E+03	1.14E-06	2.50E+01	2.20E+07
Typical	Ground	Agricultural	Low Boom	N.American-child	3.97E-04	2.79E-04	1.00E-03	1.14E+03	1.27E-07	2.50E+01	1.97E+08
Typical	Ground	Agricultural	High Boom	N.American-child	3.97E-04	4.49E-04	1.00E-03	1.14E+03	2.04E-07	2.50E+01	1.23E+08
Max	Aerial	Agricultural	Plane	N.American-child	3.97E-04	1.13E-02	1.00E-03	1.14E+03	5.13E-06	2.50E+01	4.87E+06
Max	Aerial	Agricultural	Helicopter	N.American-child	3.97E-04	9.42E-03	1.00E-03	1.14E+03	4.28E-06	2.50E+01	5.84E+06
Max	Ground	Agricultural	Low Boom	N.American-child	3.97E-04	9.13E-04	1.00E-03	1.14E+03	4.15E-07	2.50E+01	6.03E+07
Max	Ground	Agricultural	High Boom	N.American-child	3.97E-04	1.47E-03	1.00E-03	1.14E+03	6.68E-07	2.50E+01	3.74E+07
Typical	Aerial	Agricultural	Plane	N.American-adult	3.97E-04	2.94E-03	1.00E-03	6.69E+02	7.81E-07	2.50E+01	3.20E+07
Typical	Aerial	Agricultural	Helicopter	N.American-adult	3.97E-04	2.50E-03	1.00E-03	6.69E+02	6.64E-07	2.50E+01	3.77E+07
Typical	Ground	Agricultural	Low Boom	N.American-adult	3.97E-04	2.79E-04	1.00E-03	6.69E+02	7.41E-08	2.50E+01	3.37E+08
Typical	Ground	Agricultural	High Boom	N.American-adult	3.97E-04	4.49E-04	1.00E-03	6.69E+02	1.19E-07	2.50E+01	2.10E+08
Max	Aerial	Agricultural	Plane	N.American-adult	3.97E-04	1.13E-02	1.00E-03	6.69E+02	3.00E-06	2.50E+01	8.33E+06
Max	Aerial	Agricultural	Helicopter	N.American-adult	3.97E-04	9.42E-03	1.00E-03	6.69E+02	2.50E-07	2.50E+01	9.99E+06
Max	Ground	Agricultural	Low Boom	N.American-adult	3.97E-04	9.13E-04	1.00E-03	6.69E+02	2.42E-07	2.50E+01	1.03E+08
Max	Ground	Agricultural	High Boom	N.American-adult	3.97E-04	1.47E-03	1.00E-03	6.69E+02	3.90E-07	2.50E+01	6.40E+07

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Incidental Ingestion of Water while Swimming

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Incidental Ingestion		
								Oral NOAEL (mg/kg-day) Short/Int	MOE (unitless) Short/Int	
Typical	Aerial	Agricultural	Plane	Swimmer-child	2.94E-03	3.33E-03	9.80E-06	2.50E+01	2.55E+06	
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	2.50E-03	3.33E-03	8.33E-06	2.50E+01	3.00E+06	
Typical	Ground	Agricultural	Low Boom	Swimmer-child	2.79E-04	3.33E-03	9.30E-07	2.50E+01	2.69E+07	
Typical	Ground	Agricultural	High Boom	Swimmer-child	4.49E-04	3.33E-03	1.50E-06	2.50E+01	1.67E+07	
Max	Aerial	Agricultural	Plane	Swimmer-child	1.13E-02	3.33E-03	3.77E-05	2.50E+01	6.64E+05	
Max	Aerial	Agricultural	Helicopter	Swimmer-child	9.42E-03	3.33E-03	3.14E-05	2.50E+01	7.96E+05	
Max	Ground	Agricultural	Low Boom	Swimmer-child	9.13E-04	3.33E-03	3.04E-06	2.50E+01	8.21E+06	
Max	Ground	Agricultural	High Boom	Swimmer-child	1.47E-03	3.33E-03	4.90E-06	2.50E+01	5.10E+06	
Typical	Aerial	Agricultural	Plane	Swimmer-adult	2.94E-03	7.14E-04	2.10E-06	2.50E+01	1.19E+07	
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	2.50E-03	7.14E-04	1.79E-06	2.50E+01	1.40E+07	
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	2.79E-04	7.14E-04	1.99E-07	2.50E+01	1.25E+08	
Typical	Ground	Agricultural	High Boom	Swimmer-adult	4.49E-04	7.14E-04	3.21E-07	2.50E+01	7.80E+07	
Max	Aerial	Agricultural	Plane	Swimmer-adult	1.13E-02	7.14E-04	8.07E-06	2.50E+01	3.10E+06	
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	9.42E-03	7.14E-04	6.73E-06	2.50E+01	3.72E+06	
Max	Ground	Agricultural	Low Boom	Swimmer-adult	9.13E-04	7.14E-04	6.52E-07	2.50E+01	3.83E+07	
Max	Ground	Agricultural	High Boom	Swimmer-adult	1.47E-03	7.14E-04	1.05E-06	2.50E+01	2.38E+07	

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Drinking Water Ingestion

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	2.94E-03	2.86E-02	8.40E-05	8.00E-02	0.11%
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	2.50E-03	2.86E-02	7.14E-05	8.00E-02	0.09%
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	2.79E-04	2.86E-02	7.97E-06	8.00E-02	0.01%
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	4.49E-04	2.86E-02	1.28E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Plane	Hiker/Hunter	1.13E-02	2.86E-02	3.23E-04	8.00E-02	0.40%
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	9.42E-03	2.86E-02	2.69E-04	8.00E-02	0.34%
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	9.13E-04	2.86E-02	2.61E-05	8.00E-02	0.03%
Max	Ground	Agricultural	High Boom	Hiker/Hunter	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.05%
Typical	Aerial	Agricultural	Plane	Berry - child	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.05%
Typical	Aerial	Agricultural	Helicopter	Berry - child	2.94E-03	6.67E-02	1.96E-04	8.00E-02	0.25%
Typical	Ground	Agricultural	Low Boom	Berry - child	2.50E-03	6.67E-02	1.67E-04	8.00E-02	0.21%
Typical	Ground	Agricultural	High Boom	Berry - child	2.79E-04	6.67E-02	1.86E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Plane	Berry - child	4.49E-04	6.67E-02	2.99E-05	8.00E-02	0.04%
Max	Aerial	Agricultural	Helicopter	Berry - child	1.13E-02	6.67E-02	7.53E-04	8.00E-02	0.94%
Max	Ground	Agricultural	Low Boom	Berry - child	9.42E-03	6.67E-02	6.28E-04	8.00E-02	0.79%
Max	Ground	Agricultural	High Boom	Berry - child	9.13E-04	6.67E-02	6.09E-05	8.00E-02	0.08%
Typical	Aerial	Agricultural	Plane	Berry - adult	1.47E-03	2.86E-02	9.80E-05	8.00E-02	0.12%
Typical	Aerial	Agricultural	Helicopter	Berry - adult	2.94E-03	2.86E-02	8.40E-05	8.00E-02	0.11%
Typical	Ground	Agricultural	Low Boom	Berry - adult	2.50E-03	2.86E-02	7.14E-05	8.00E-02	0.09%
Typical	Ground	Agricultural	High Boom	Berry - adult	2.79E-04	2.86E-02	7.97E-06	8.00E-02	0.01%
Max	Aerial	Agricultural	Plane	Berry - adult	4.49E-04	2.86E-02	1.28E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Helicopter	Berry - adult	1.13E-02	2.86E-02	3.23E-04	8.00E-02	0.40%
Max	Ground	Agricultural	Low Boom	Berry - adult	9.42E-03	2.86E-02	2.69E-04	8.00E-02	0.34%
Max	Ground	Agricultural	High Boom	Berry - adult	9.13E-04	2.86E-02	2.61E-05	8.00E-02	0.03%
Typical	Aerial	Agricultural	Plane	Angler	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.05%
Typical	Aerial	Agricultural	Helicopter	Angler	2.94E-03	2.86E-02	8.40E-05	8.00E-02	0.11%
Typical	Ground	Agricultural	Low Boom	Angler	2.50E-03	2.86E-02	7.14E-05	8.00E-02	0.09%
Typical	Ground	Agricultural	High Boom	Angler	2.79E-04	2.86E-02	7.97E-06	8.00E-02	0.01%
Max	Aerial	Agricultural	Plane	Angler	4.49E-04	2.86E-02	1.28E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Helicopter	Angler	1.13E-02	2.86E-02	3.23E-04	8.00E-02	0.40%
Max	Ground	Agricultural	Low Boom	Angler	9.42E-03	2.86E-02	2.69E-04	8.00E-02	0.34%
Max	Ground	Agricultural	High Boom	Angler	9.13E-04	2.86E-02	2.61E-05	8.00E-02	0.03%
Max	Ground	Agricultural	High Boom	Angler	1.47E-03	2.86E-02	4.20E-05	8.00E-02	0.05%

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses, Margins of Exposure, and Population Adjusted Doses
 Scenario: Public Receptors - Routine Exposure
 Pathway: Drinking Water Ingestion
 Pesticide: Fluridone
 Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Exposure Factor (L/kg-day)	Absorbed Dose (mg/kg-day)	Drinking Water	
								PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	N.American - child	2.94E-03	3.33E-02	9.80E-05	8.00E-02	0.12%
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.50E-03	3.33E-02	8.33E-05	8.00E-02	0.10%
Typical	Ground	Agricultural	Low Boom	N.American - child	2.79E-04	3.33E-02	9.30E-06	8.00E-02	0.01%
Typical	Ground	Agricultural	High Boom	N.American - child	4.49E-04	3.33E-02	1.50E-05	8.00E-02	0.02%
Max	Aerial	Agricultural	Plane	N.American - child	1.13E-02	3.33E-02	3.77E-04	8.00E-02	0.47%
Max	Aerial	Agricultural	Helicopter	N.American - child	9.42E-03	3.33E-02	3.14E-04	8.00E-02	0.39%
Max	Ground	Agricultural	Low Boom	N.American - child	9.13E-04	3.33E-02	3.04E-05	8.00E-02	0.04%
Max	Ground	Agricultural	High Boom	N.American - child	1.47E-03	3.33E-02	4.90E-05	8.00E-02	0.06%
Typical	Aerial	Agricultural	Plane	N.American - adult	2.94E-03	1.43E-02	4.20E-05	8.00E-02	0.05%
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.50E-03	1.43E-02	3.57E-05	8.00E-02	0.04%
Typical	Ground	Agricultural	Low Boom	N.American - adult	2.79E-04	1.43E-02	3.99E-06	8.00E-02	0.00%
Typical	Ground	Agricultural	High Boom	N.American - adult	4.49E-04	1.43E-02	6.41E-06	8.00E-02	0.01%
Max	Aerial	Agricultural	Plane	N.American - adult	1.13E-02	1.43E-02	1.61E-04	8.00E-02	0.20%
Max	Aerial	Agricultural	Helicopter	N.American - adult	9.42E-03	1.43E-02	1.35E-04	8.00E-02	0.17%
Max	Ground	Agricultural	Low Boom	N.American - adult	9.13E-04	1.43E-02	1.30E-05	8.00E-02	0.02%
Max	Ground	Agricultural	High Boom	N.American - adult	1.47E-03	1.43E-02	2.10E-05	8.00E-02	0.03%

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Potential Doses and Population Adjusted Doses

Scenario: Public Receptors - Routine Exposure

Pathway: Ingestion of Fish

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Water Concentration (mg/L)	Bioconcentration Factor (L/kg)	Unit Correction Factor (kg/mg)	Exposure Factor (mg/kg-day)	Absorbed Dose (mg/kg-day)	PAD (mg/kg-day) Chronic	%PAD (unitless) Chronic
Typical	Aerial	Agricultural	Plane	Angler	2.94E-03	3.01E+00	1.00E-06	9.00E+02	7.96E-06	8.00E-02	0.0100%
Typical	Aerial	Agricultural	Helicopter	Angler	2.50E-03	3.01E+00	1.00E-06	9.00E+02	6.77E-06	8.00E-02	0.0085%
Typical	Ground	Agricultural	Low Boom	Angler	2.79E-04	3.01E+00	1.00E-06	9.00E+02	7.56E-07	8.00E-02	0.0009%
Typical	Ground	Agricultural	High Boom	Angler	4.49E-04	3.01E+00	1.00E-06	9.00E+02	1.22E-06	8.00E-02	0.0015%
Max	Aerial	Agricultural	Plane	Angler	1.13E-02	3.01E+00	1.00E-06	9.00E+02	3.06E-05	8.00E-02	0.0383%
Max	Aerial	Agricultural	Helicopter	Angler	9.42E-03	3.01E+00	1.00E-06	9.00E+02	2.55E-05	8.00E-02	0.0319%
Max	Ground	Agricultural	Low Boom	Angler	9.13E-04	3.01E+00	1.00E-06	9.00E+02	2.47E-06	8.00E-02	0.0031%
Max	Ground	Agricultural	High Boom	Angler	1.47E-03	3.01E+00	1.00E-06	9.00E+02	3.98E-06	8.00E-02	0.0050%
Typical	Aerial	Agricultural	Plane	N.American - child	2.94E-03	3.01E+00	1.00E-06	1.27E+04	1.12E-04	8.00E-02	0.1401%
Typical	Aerial	Agricultural	Helicopter	N.American - child	2.50E-03	3.01E+00	1.00E-06	1.27E+04	9.53E-05	8.00E-02	0.1191%
Typical	Ground	Agricultural	Low Boom	N.American - child	2.79E-04	3.01E+00	1.00E-06	1.27E+04	1.06E-05	8.00E-02	0.0133%
Typical	Ground	Agricultural	High Boom	N.American - child	4.49E-04	3.01E+00	1.00E-06	1.27E+04	1.71E-05	8.00E-02	0.0214%
Max	Aerial	Agricultural	Plane	N.American - child	1.13E-02	3.01E+00	1.00E-06	1.27E+04	4.31E-04	8.00E-02	0.5385%
Max	Aerial	Agricultural	Helicopter	N.American - child	9.42E-03	3.01E+00	1.00E-06	1.27E+04	3.59E-04	8.00E-02	0.4489%
Max	Ground	Agricultural	Low Boom	N.American - child	9.13E-04	3.01E+00	1.00E-06	1.27E+04	3.48E-05	8.00E-02	0.0435%
Max	Ground	Agricultural	High Boom	N.American - child	1.47E-03	3.01E+00	1.00E-06	1.27E+04	5.60E-05	8.00E-02	0.0701%
Typical	Aerial	Agricultural	Plane	N.American - adult	2.94E-03	3.01E+00	1.00E-06	1.26E+04	1.12E-04	8.00E-02	0.1399%
Typical	Aerial	Agricultural	Helicopter	N.American - adult	2.50E-03	3.01E+00	1.00E-06	1.26E+04	9.51E-05	8.00E-02	0.1189%
Typical	Ground	Agricultural	Low Boom	N.American - adult	2.79E-04	3.01E+00	1.00E-06	1.26E+04	1.06E-05	8.00E-02	0.0133%
Typical	Ground	Agricultural	High Boom	N.American - adult	4.49E-04	3.01E+00	1.00E-06	1.26E+04	1.71E-05	8.00E-02	0.0214%
Max	Aerial	Agricultural	Plane	N.American - adult	1.13E-02	3.01E+00	1.00E-06	1.26E+04	4.30E-04	8.00E-02	0.5375%
Max	Aerial	Agricultural	Helicopter	N.American - adult	9.42E-03	3.01E+00	1.00E-06	1.26E+04	3.58E-04	8.00E-02	0.4481%
Max	Ground	Agricultural	Low Boom	N.American - adult	9.13E-04	3.01E+00	1.00E-06	1.26E+04	3.47E-05	8.00E-02	0.0434%
Max	Ground	Agricultural	High Boom	N.American - adult	1.47E-03	3.01E+00	1.00E-06	1.26E+04	5.59E-05	8.00E-02	0.0699%

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Intermediate Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	Ag/Drift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways			Incidental Ingestion		Exposure Pathways		Chronic Fish %PAD
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	2.43E+03	2.73E+04	--	--	0.11%	--	--
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	2.43E+03	2.73E+04	--	--	0.09%	--	--
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	1.68E+04	1.90E+05	--	--	0.01%	--	--
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	1.02E+04	1.15E+05	--	--	0.02%	--	--
Max	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	6.48E+02	7.29E+03	--	--	0.40%	--	--
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	7.47E+02	8.41E+03	--	--	0.34%	--	--
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	4.86E+03	5.47E+04	--	--	0.03%	--	--
Max	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	3.24E+03	3.65E+04	--	--	0.05%	--	--
Typical	Aerial	Agricultural	Plane	Berry - child	1.00E+02	1.46E+03	1.95E+04	--	--	0.25%	0.46%	--
Typical	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	1.46E+03	1.95E+04	--	--	0.21%	0.46%	--
Typical	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	1.01E+04	1.35E+05	--	--	0.02%	0.07%	--
Typical	Ground	Agricultural	High Boom	Berry - child	1.00E+02	6.12E+03	8.19E+04	--	--	0.04%	0.11%	--
Max	Aerial	Agricultural	Plane	Berry - child	1.00E+02	3.89E+02	5.21E+03	--	--	0.94%	1.73%	--
Max	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	4.49E+02	6.01E+03	--	--	0.79%	1.50%	--
Max	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	2.92E+03	3.91E+04	--	--	0.08%	0.23%	--
Max	Ground	Agricultural	High Boom	Berry - child	1.00E+02	1.94E+03	2.60E+04	--	--	0.12%	0.35%	--
Typical	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	2.43E+03	1.82E+04	--	--	0.11%	0.46%	--
Typical	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	2.43E+03	1.82E+04	--	--	0.09%	0.46%	--
Typical	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	1.68E+04	1.26E+05	--	--	0.01%	0.07%	--
Typical	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	1.02E+04	7.64E+04	--	--	0.02%	0.11%	--
Max	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	6.48E+02	4.86E+03	--	--	0.40%	1.71%	--
Max	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	7.47E+02	5.61E+03	--	--	0.34%	1.49%	--
Max	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	4.86E+03	3.65E+04	--	--	0.03%	0.23%	--
Max	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	3.24E+03	2.43E+04	--	--	0.05%	0.34%	--
Typical	Aerial	Agricultural	Plane	Angler	1.00E+02	2.43E+03	2.73E+04	--	--	0.11%	--	0.0100%
Typical	Aerial	Agricultural	Helicopter	Angler	1.00E+02	2.43E+03	2.73E+04	--	--	0.09%	--	0.0085%
Typical	Ground	Agricultural	Low Boom	Angler	1.00E+02	1.68E+04	1.90E+05	--	--	0.01%	--	0.0009%
Typical	Ground	Agricultural	High Boom	Angler	1.00E+02	1.02E+04	1.15E+05	--	--	0.02%	--	0.0015%
Max	Aerial	Agricultural	Plane	Angler	1.00E+02	6.48E+02	7.29E+03	--	--	0.40%	--	0.0383%
Max	Aerial	Agricultural	Helicopter	Angler	1.00E+02	7.47E+02	8.41E+03	--	--	0.34%	--	0.0319%
Max	Ground	Agricultural	Low Boom	Angler	1.00E+02	4.86E+03	5.47E+04	--	--	0.03%	--	0.0031%
Max	Ground	Agricultural	High Boom	Angler	1.00E+02	3.24E+03	3.65E+04	--	--	0.05%	--	0.0050%

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Intermediate Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Flutidone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways				Incidental Ingestion		Exposure Pathways		
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD	
Typical	Aerial	Agricultural	Plane	Res-child	1.00E+02	1.46E+03	1.13E+03	--	--	--	0.46%	--	--
Typical	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	1.46E+03	1.13E+03	--	--	--	0.46%	--	--
Typical	Ground	Agricultural	Low Boom	Res-child	1.00E+02	1.01E+04	7.81E+03	--	--	--	0.07%	--	--
Typical	Ground	Agricultural	High Boom	Res-child	1.00E+02	6.12E+03	4.72E+03	--	--	--	0.11%	--	--
Max	Aerial	Agricultural	Plane	Res-child	1.00E+02	3.89E+02	3.00E+02	--	--	--	1.73%	--	--
Max	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	4.49E+02	3.47E+02	--	--	--	1.50%	--	--
Max	Ground	Agricultural	Low Boom	Res-child	1.00E+02	2.92E+03	2.25E+03	--	--	--	0.23%	--	--
Max	Ground	Agricultural	High Boom	Res-child	1.00E+02	1.94E+03	1.50E+03	--	--	--	0.35%	--	--
Typical	Aerial	Agricultural	Plane	Res-adult	1.00E+02	2.43E+03	1.89E+03	--	--	--	0.46%	--	--
Typical	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	2.43E+03	1.89E+03	--	--	--	0.46%	--	--
Typical	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	1.68E+04	1.31E+04	--	--	--	0.07%	--	--
Typical	Ground	Agricultural	High Boom	Res-adult	1.00E+02	1.02E+04	7.91E+03	--	--	--	0.11%	--	--
Max	Aerial	Agricultural	Plane	Res-adult	1.00E+02	6.48E+02	5.03E+02	--	--	--	1.71%	--	--
Max	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	7.47E+02	5.80E+02	--	--	--	1.49%	--	--
Max	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	4.86E+03	3.77E+03	--	--	--	0.23%	--	--
Max	Ground	Agricultural	High Boom	Res-adult	1.00E+02	3.24E+03	2.51E+03	--	--	--	0.34%	--	--
Typical	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	1.46E+03	1.30E+04	1.87E+07	--	0.12%	0.46%	0.1401%	--
Typical	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	1.46E+03	1.30E+04	2.20E+07	--	0.10%	0.46%	0.1191%	--
Typical	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	1.01E+04	9.03E+04	1.97E+08	--	0.01%	0.07%	0.0133%	--
Typical	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	6.12E+03	5.46E+04	1.23E+08	--	0.02%	0.11%	0.0214%	--
Max	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	3.89E+02	3.47E+03	4.87E+06	--	0.47%	1.73%	0.5385%	--
Max	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	4.49E+02	4.01E+03	5.84E+06	--	0.39%	1.50%	0.4489%	--
Max	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	2.92E+03	2.60E+04	6.03E+07	--	0.04%	0.23%	0.0435%	--
Max	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	1.94E+03	1.74E+04	3.74E+07	--	0.06%	0.35%	0.0701%	--
Typical	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	2.43E+03	1.22E+04	3.20E+07	--	0.05%	0.46%	0.1399%	--
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	2.43E+03	1.22E+04	3.77E+07	--	0.04%	0.46%	0.1189%	--
Typical	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	1.68E+04	8.42E+04	3.77E+08	--	0.00%	0.07%	0.0133%	--
Typical	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	1.02E+04	5.10E+04	2.10E+08	--	0.01%	0.11%	0.0214%	--
Max	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	6.48E+02	3.24E+03	8.33E+06	--	0.20%	1.71%	0.5375%	--
Max	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	7.47E+02	3.74E+03	9.99E+06	--	0.17%	1.49%	0.4481%	--
Max	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	4.86E+03	2.43E+04	1.03E+08	--	0.02%	0.23%	0.0434%	--
Max	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	3.24E+03	1.62E+04	6.40E+07	--	0.03%	0.34%	0.0699%	--

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Intermediate Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways			Incidental Ingestion		Exposure Pathways		
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD
Typical	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	4.87E+07	2.55E+06	--	--	--
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	5.72E+07	3.00E+06	--	--	--
Typical	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	5.13E+08	2.69E+07	--	--	--
Typical	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	3.19E+08	1.67E+07	--	--	--
Max	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	1.27E+07	6.64E+05	--	--	--
Max	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	1.52E+07	7.96E+05	--	--	--
Max	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	1.57E+08	8.21E+06	--	--	--
Max	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	9.73E+07	5.10E+06	--	--	--
Typical	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	8.33E+07	1.19E+07	--	--	--
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	9.79E+07	1.40E+07	--	--	--
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	8.77E+08	1.25E+08	--	--	--
Typical	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	5.45E+08	7.80E+07	--	--	--
Max	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	2.17E+07	3.10E+06	--	--	--
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	2.60E+07	3.72E+06	--	--	--
Max	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	2.68E+08	3.83E+07	--	--	--
Max	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	1.67E+08	2.38E+07	--	--	--

--Receptor not exposed via this pathway.

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Long Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Flutidone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways				Incidental Ingestion		Exposure Pathways		Long-Term Aggregate Risk Index
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD	
Typical	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	7.77E+02	8.75E+03	--	--	0.11%	--	--	7.08E+00
Typical	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	7.77E+02	8.75E+03	--	--	0.09%	--	--	7.09E+00
Typical	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	5.39E+03	6.07E+04	--	--	0.01%	--	--	4.92E+01
Typical	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	3.26E+03	3.67E+04	--	--	0.02%	--	--	2.98E+01
Max	Aerial	Agricultural	Plane	Hiker/Hunter	1.00E+02	2.07E+02	2.33E+03	--	--	0.40%	--	--	1.89E+00
Max	Aerial	Agricultural	Helicopter	Hiker/Hunter	1.00E+02	2.39E+02	2.69E+03	--	--	0.34%	--	--	2.18E+00
Max	Ground	Agricultural	Low Boom	Hiker/Hunter	1.00E+02	1.55E+03	1.75E+04	--	--	0.03%	--	--	1.42E+01
Max	Ground	Agricultural	High Boom	Hiker/Hunter	1.00E+02	1.04E+03	1.17E+04	--	--	0.05%	--	--	9.47E+00
Typical	Aerial	Agricultural	Plane	Berry - child	1.00E+02	4.67E+02	6.25E+03	--	--	0.25%	0.46%	--	4.21E+00
Typical	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	4.67E+02	6.25E+03	--	--	0.21%	0.46%	--	4.22E+00
Typical	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	3.24E+03	4.33E+04	--	--	0.02%	0.07%	--	2.93E+01
Typical	Ground	Agricultural	High Boom	Berry - child	1.00E+02	1.96E+03	2.62E+04	--	--	0.04%	0.11%	--	1.77E+01
Max	Aerial	Agricultural	Plane	Berry - child	1.00E+02	1.24E+02	1.67E+03	--	--	0.94%	1.73%	--	1.12E+00
Max	Aerial	Agricultural	Helicopter	Berry - child	1.00E+02	1.44E+02	1.92E+03	--	--	0.79%	1.50%	--	1.30E+00
Max	Ground	Agricultural	Low Boom	Berry - child	1.00E+02	9.33E+02	1.25E+04	--	--	0.08%	0.23%	--	8.46E+00
Max	Ground	Agricultural	High Boom	Berry - child	1.00E+02	6.22E+02	8.33E+03	--	--	0.12%	0.35%	--	5.64E+00
Typical	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	7.77E+02	5.83E+03	--	--	0.11%	0.46%	--	6.60E+00
Typical	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	7.77E+02	5.83E+03	--	--	0.09%	0.46%	--	6.61E+00
Typical	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	5.39E+03	4.04E+04	--	--	0.01%	0.07%	--	4.59E+01
Typical	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	3.26E+03	2.45E+04	--	--	0.02%	0.11%	--	2.78E+01
Max	Aerial	Agricultural	Plane	Berry - adult	1.00E+02	2.07E+02	1.56E+03	--	--	0.40%	1.71%	--	1.76E+00
Max	Aerial	Agricultural	Helicopter	Berry - adult	1.00E+02	2.39E+02	1.79E+03	--	--	0.34%	1.49%	--	2.03E+00
Max	Ground	Agricultural	Low Boom	Berry - adult	1.00E+02	1.55E+03	1.17E+04	--	--	0.03%	0.23%	--	1.32E+01
Max	Ground	Agricultural	High Boom	Berry - adult	1.00E+02	1.04E+03	7.78E+03	--	--	0.05%	0.34%	--	8.83E+00
Typical	Aerial	Agricultural	Plane	Angler	1.00E+02	7.77E+02	8.75E+03	--	--	0.11%	--	0.0100%	7.08E+00
Typical	Aerial	Agricultural	Helicopter	Angler	1.00E+02	7.77E+02	8.75E+03	--	--	0.09%	--	0.0085%	7.09E+00
Typical	Ground	Agricultural	Low Boom	Angler	1.00E+02	5.39E+03	6.07E+04	--	--	0.01%	--	0.0009%	4.92E+01
Typical	Ground	Agricultural	High Boom	Angler	1.00E+02	3.26E+03	3.67E+04	--	--	0.02%	--	0.0015%	2.98E+01
Max	Aerial	Agricultural	Plane	Angler	1.00E+02	2.07E+02	2.33E+03	--	--	0.40%	--	0.0383%	1.89E+00
Max	Aerial	Agricultural	Helicopter	Angler	1.00E+02	2.39E+02	2.69E+03	--	--	0.34%	--	0.0319%	2.18E+00
Max	Ground	Agricultural	Low Boom	Angler	1.00E+02	1.55E+03	1.75E+04	--	--	0.03%	--	0.0031%	1.42E+01
Max	Ground	Agricultural	High Boom	Angler	1.00E+02	1.04E+03	1.17E+04	--	--	0.05%	--	0.0050%	9.47E+00

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Long Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways				Incidental Ingestion		Exposure Pathways			Long-Term Aggregate Risk Index
					Target MOE	Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Short/Int Term Oral Water MOE	Chronic Water %PAD	Chronic Berries %PAD	Chronic Fish %PAD		
Typical	Aerial	Agricultural	Plane	Res-child	1.00E+02	4.67E+02	3.61E+02	--	--	--	--	0.46%	--	2.02E+00
Typical	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	4.67E+02	3.61E+02	--	--	--	--	0.46%	--	2.02E+00
Typical	Ground	Agricultural	Low Boom	Res-child	1.00E+02	3.24E+03	2.50E+03	--	--	--	--	0.07%	--	1.40E+01
Typical	Ground	Agricultural	High Boom	Res-child	1.00E+02	1.96E+03	1.51E+03	--	--	--	--	0.11%	--	8.45E+00
Max	Aerial	Agricultural	Plane	Res-child	1.00E+02	1.24E+02	9.62E+01	--	--	--	--	1.73%	--	5.37E-01
Max	Aerial	Agricultural	Helicopter	Res-child	1.00E+02	1.44E+02	1.11E+02	--	--	--	--	1.50%	--	6.20E-01
Max	Ground	Agricultural	Low Boom	Res-child	1.00E+02	9.33E+02	7.21E+02	--	--	--	--	0.23%	--	4.03E+00
Max	Ground	Agricultural	High Boom	Res-child	1.00E+02	6.22E+02	4.81E+02	--	--	--	--	0.35%	--	2.69E+00
Typical	Aerial	Agricultural	Plane	Res-adult	1.00E+02	7.77E+02	6.03E+02	--	--	--	--	0.46%	--	3.34E+00
Typical	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	7.77E+02	6.03E+02	--	--	--	--	0.46%	--	3.34E+00
Typical	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	5.39E+03	4.18E+03	--	--	--	--	0.07%	--	2.32E+01
Typical	Ground	Agricultural	High Boom	Res-adult	1.00E+02	3.26E+03	2.53E+03	--	--	--	--	0.11%	--	1.40E+01
Max	Aerial	Agricultural	Plane	Res-adult	1.00E+02	2.07E+02	1.61E+02	--	--	--	--	1.71%	--	8.92E-01
Max	Aerial	Agricultural	Helicopter	Res-adult	1.00E+02	2.39E+02	1.86E+02	--	--	--	--	1.49%	--	1.03E+00
Max	Ground	Agricultural	Low Boom	Res-adult	1.00E+02	1.55E+03	1.21E+03	--	--	--	--	0.23%	--	6.69E+00
Max	Ground	Agricultural	High Boom	Res-adult	1.00E+02	1.04E+03	8.05E+02	--	--	--	--	0.34%	--	4.46E+00
Typical	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	4.67E+02	4.17E+03	1.87E+07	--	0.12%	0.46%	0.1401%	0.1401%	4.07E+00
Typical	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	4.67E+02	4.17E+03	2.20E+07	--	0.10%	0.46%	0.1191%	0.1191%	4.08E+00
Typical	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	3.24E+03	2.89E+04	1.97E+08	--	0.01%	0.07%	0.0133%	0.0133%	2.83E+01
Typical	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	1.96E+03	1.75E+04	1.23E+08	--	0.02%	0.11%	0.0214%	0.0214%	1.71E+01
Max	Aerial	Agricultural	Plane	N.A.-child	1.00E+02	1.24E+02	1.11E+03	4.87E+06	--	0.47%	1.73%	0.5385%	0.5385%	1.09E+00
Max	Aerial	Agricultural	Helicopter	N.A.-child	1.00E+02	1.44E+02	1.28E+03	5.84E+06	--	0.39%	1.50%	0.4489%	0.4489%	1.25E+00
Max	Ground	Agricultural	Low Boom	N.A.-child	1.00E+02	9.33E+02	8.33E+03	6.03E+07	--	0.04%	0.23%	0.0435%	0.0435%	8.18E+00
Max	Ground	Agricultural	High Boom	N.A.-child	1.00E+02	6.22E+02	5.56E+03	3.74E+07	--	0.06%	0.35%	0.0701%	0.0701%	5.45E+00
Typical	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	7.77E+02	3.89E+03	3.20E+07	--	0.05%	0.46%	0.1399%	0.1399%	6.22E+00
Typical	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	7.77E+02	3.89E+03	3.77E+07	--	0.04%	0.46%	0.1189%	0.1189%	6.23E+00
Typical	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	5.39E+03	2.70E+04	3.10E+08	--	0.00%	0.07%	0.0133%	0.0133%	4.33E+01
Typical	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	3.26E+03	1.63E+04	2.10E+08	--	0.01%	0.11%	0.0214%	0.0214%	2.62E+01
Max	Aerial	Agricultural	Plane	N.A.-adult	1.00E+02	2.07E+02	1.04E+03	8.33E+06	--	0.20%	1.71%	0.5375%	0.5375%	1.66E+00
Max	Aerial	Agricultural	Helicopter	N.A.-adult	1.00E+02	2.39E+02	1.20E+03	9.99E+06	--	0.17%	1.49%	0.4481%	0.4481%	1.91E+00
Max	Ground	Agricultural	Low Boom	N.A.-adult	1.00E+02	1.55E+03	7.78E+03	1.03E+08	--	0.02%	0.23%	0.0434%	0.0434%	1.25E+01
Max	Ground	Agricultural	High Boom	N.A.-adult	1.00E+02	1.04E+03	5.19E+03	6.40E+07	--	0.03%	0.34%	0.0699%	0.0699%	8.32E+00

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)

Calculation: Aggregate Risk Index - Long Term Exposure Scenario

Scenario: Public Receptors - Routine Exposure

Pesticide: Fluridone

Program: Aquatic Sites

Scenario:	AgDrift Scenario	Land Type	Equipment	Public Receptor	Dermal Exposure Pathways			Incidental Ingestion		Exposure Pathways		Long-Term Aggregate Risk Index
					Target MOE	Long-Term Dermal Drift MOE	Foliage MOE	Short/Int Term Oral Water MOE	Water MOE	Chronic Water %PAD	Chronic Berries %PAD	
Typical	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	4.87E+07	2.55E+06	--	--	2.42E+04
Typical	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	5.72E+07	3.00E+06	--	--	2.85E+04
Typical	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	5.13E+08	2.69E+07	--	--	2.55E+05
Typical	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	3.19E+08	1.67E+07	--	--	1.59E+05
Max	Aerial	Agricultural	Plane	Swimmer-child	1.00E+02	--	--	1.27E+07	6.64E+05	--	--	6.31E+03
Max	Aerial	Agricultural	Helicopter	Swimmer-child	1.00E+02	--	--	1.52E+07	7.96E+05	--	--	7.57E+03
Max	Ground	Agricultural	Low Boom	Swimmer-child	1.00E+02	--	--	1.57E+08	8.21E+06	--	--	7.81E+04
Max	Ground	Agricultural	High Boom	Swimmer-child	1.00E+02	--	--	9.73E+07	5.10E+06	--	--	4.85E+04
Typical	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	8.33E+07	1.19E+07	--	--	1.04E+05
Typical	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	9.79E+07	1.40E+07	--	--	1.22E+05
Typical	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	8.77E+08	1.25E+08	--	--	1.10E+06
Typical	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	5.45E+08	7.80E+07	--	--	6.82E+05
Max	Aerial	Agricultural	Plane	Swimmer-adult	1.00E+02	--	--	2.17E+07	3.10E+06	--	--	2.71E+04
Max	Aerial	Agricultural	Helicopter	Swimmer-adult	1.00E+02	--	--	2.60E+07	3.72E+06	--	--	3.25E+04
Max	Ground	Agricultural	Low Boom	Swimmer-adult	1.00E+02	--	--	2.68E+08	3.83E+07	--	--	3.35E+05
Max	Ground	Agricultural	High Boom	Swimmer-adult	1.00E+02	--	--	1.67E+08	2.38E+07	--	--	2.08E+05

--Receptor not exposed via this pathway.

NA - Not Available.

NC - Not Calculated (No dose-response value).

APPENDIX E - PUBLIC RECEPTOR UNCERTAINTY ANALYSIS (INTERMEDIATE AND LONG-TERM EXPOSURE)
 Aggregate Risk Indices - Routine Exposure Scenarios for Public Receptors

Herbicide: Fluridone
 Programs: Aquatic Sites

EIS HHRA
 BLM

AgDrift Scenario: Land Type (a): Equipment:	Typical Application Rate Scenario ARIs (c)				Maximum Application Rate Scenario ARIs (c)			
	Aerial		Ground		Aerial		Ground	
	Plane	Helicopter	Low boom (b)	High boom (b)	Plane	Helicopter	Low boom (b)	High boom (b)
Intermediate-Term Exposure (d)								
Hiker/Hunter (Adult)	22	22	152	92	5.8	6.7	44	29
Berry Picker (Child)	12	12	87	53	3.3	3.8	25	17
Berry Picker (Adult)	19	19	134	81	5.1	5.9	39	26
Angler (Adult)	22	22	152	92	5.8	6.7	44	29
Residential (Child)	6.2	6.2	43	26	1.6	1.9	12.4	8.2
Residential (Adult)	10.1	10.1	70	42	2.7	3.1	20.2	13.5
Native American (Child)	12	12	84	51	3.2	3.7	24	16
Native American (Adult)	18	18	125	76	4.8	5.5	36	24
Swimmer (Child)	24,239	28,506	255,426	158,717	6,307	7,565	78,055	48,479
Swimmer (Adult)	104,156	122,487	1,097,553	681,999	27,099	32,507	335,397	208,311
Long-Term Exposure (d)								
Hiker/Hunter (Adult)	7.08	7.09	49.24	29.78	1.89	2.18	14.21	9.47
Berry Picker (Child)	4.21	4.22	29.32	17.73	1.12	1.30	8.46	5.64
Berry Picker (Adult)	6.60	6.61	45.89	27.76	1.76	2.03	13.24	8.83
Angler (Adult)	7.08	7.09	49.22	29.77	1.89	2.18	14.20	9.47
Residential (Child)	2.02	2.02	13.97	8.45	0.54	0.62	4.03	2.69
Residential (Adult)	3.34	3.34	23.19	14.02	0.89	1.03	6.69	4.46
Native American (Child)	4.07	4.08	28.34	17.15	1.09	1.25	8.18	5.45
Native American (Adult)	6	6	43	26	2	2	12	8
Swimmer (Child)	24,239	28,506	255,426	158,717	6,307	7,565	78,055	48,479
Swimmer (Adult)	104,156	122,487	1,097,553	681,999	27,099	32,507	335,397	208,311

Notes:

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ARI - Aggregate Risk Index. Values less than one represent a level of concern. ARIs less than one are highlighted.

(a) - AgDrift® was used to predict spray drift deposition onto a pond. Agricultural land type is used as a proxy for a pond for aerial scenarios. Ground scenarios are not differentiated in AgDRIFT® by land type.

(b) - Low and High Boom applies to a truck-mount or an All-Terrain Vehicle (ATV)-mount boom.

(c) - Application rates are shown on Table 4-1 and are the same for each program.

(d) - Intermediate- and long-term ARIs are based on dermal, incidental oral, and dietary exposures.

(e) - Application rates are shown on Table 4-1 and are the same for each program.