

Appendix F ECOTOX Data

The code list for ECOTOX can be found at: <http://cfpub.epa.gov/ecotox/blackbox/help/codelist.pdf>

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Norflurazon	Oscillatoria	chalybea	Blue-green algae	POP	POP	ABND	EC100		5 d		1000		uM	98	69879
Norflurazon	Oscillatoria	chalybea	Blue-green algae	POP	POP	ABND	LOEC		5 d		1000		uM	80	69879
Norflurazon	Pseudokirchneriella	subcapitata	Green algae	POP	POP	ABND	EC100		5 d		100		uM	98	69879
Norflurazon	Pseudokirchneriella	subcapitata	Green algae	POP	POP	ABND	LOEC		5 d		100		uM	98	69879
Norflurazon	Lemna	aequinoctiales	Duckweed	GRO	GRO	GRRT	EC50		7 d		0.458		uM	100	72796
Norflurazon	Mucor	piriformis	Fungus	REP	REP	GERM	NOAEL		0.916666667 d		128		ppm	100	91689
Norflurazon	Botrytis	cinerea	Fungi	REP	REP	GERM	NOAEL		0.916666667 d		128		ppm	100	91689
Norflurazon	Penicillium	expansum	Blue mold	REP	REP	GERM	NOAEL		1.291666667 d		128		ppm	100	91689
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	FLRS	LOAEL		2 d		0.001		mg/L	100	92905
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	GRRT	NOAEL		2 d		0.1		mg/L	100	92905
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	FLRS	LOAEL		2 d		0.1		mg/L	100	92905
Norflurazon	Potamogeton	pectinatus	Sago pondweed	BCM	BCM	CHLA	NOAEL	LOAEL	17 d		0.01	0.1	mg/L	100	101522
Norflurazon	Potamogeton	pectinatus	Sago pondweed	BCM	BCM	CHLB	NOAEL	LOAEL	17 d		0.1		mg/L	100	101522
Norflurazon	Potamogeton	pectinatus	Sago pondweed	BCM	BCM	CHLO	NOAEL	LOAEL	17 d		0.01	0.1	mg/L	100	101522
Norflurazon	Potamogeton	pectinatus	Sago pondweed	BCM	BCM	CHLA	LOAEL		17 d		0.01		mg/L	100	101522
Norflurazon	Potamogeton	pectinatus	Sago pondweed	BCM	BCM	CHLB	NOAEL		17 d		100		mg/L	100	101522
Norflurazon	Potamogeton	pectinatus	Sago pondweed	BCM	BCM	CHLO	LOAEL		17 d		0.01		mg/L	100	101522
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	NLEF	NOAEL		3 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	NLEF	NOAEL		5 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	NLEF	NOAEL		8 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	NLEF	NOAEL		10 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	NLEF	NOAEL		12 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	GRO	GRO	NLEF	NOAEL		14 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	CHLA	LOAEL		7 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	CHLB	LOAEL		7 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	BCAR	LOAEL		7 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	LUTE	LOAEL		7 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	VLXN	NOAEL	LOAEL	7 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	NXNT	NOAEL	LOAEL	7 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	ENZ	PODA	NOAEL		2 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	ENZ	PODA	NOAEL		5 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	ENZ	PODA	NOAEL		7 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	ENZ	PODA	NOAEL	LOAEL	9 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	ENZ	PODA	NOAEL		12 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	ENZ	PODA	NOAEL	LOAEL	15 d		0.2		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	PRTL	NOAEL		2 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	PRTL	NOAEL		5 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	PRTL	NOAEL		7 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	PRTL	NOAEL		9 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	PRTL	NOAEL		12 d		1		uM	100	101398
Norflurazon	Lemna	minor	Duckweed	BCM	BCM	PRTL	NOAEL		15 d		1		uM	100	101398
Norflurazon	Scenedesmus	acutus	Green algae	BCM	BCM	CARC	IC50		1 d		0.0000003		M	-99	101545
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	IC50		3 d		1.1		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	IC50		3 d		3.6		uM	100	101543
Desmethylnorflurazon	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	IC50		2 d		0.00009		M	100	101544
Norflurazon	Scenedesmus	acutus	Green algae	PHY	PHY	PSII	IC50		2 d		0.00009		M	100	101544
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CHLO	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CHLO	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CHLO	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CHLO	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CARC	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	CHLO	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	LUTE	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	BCAR	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	LUTE	LOAEL		3 d		2		uM	100	101543
Norflurazon	Chlamydomonas	reinhardtii	Green algae	BCM	BCM	BCAR	LOAEL		3 d		2		uM	100	101543
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	GAIN	NOEC	LOEC	14 d		0.1	0.1	mg/L	100	101397

Chemical Name	Genus	Species	Common Name	Effect Group	Effect	Meas	Endpt1	Endpt2	Dur Preferred	Dur Unit Preferred	Conc Value1 Preferred	Conc Value2 Preferred	Conc Units Preferred	% Purity	Ref #
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	GAIN	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	DVP	STGE	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	DVP	STGE	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	LGTH	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	LGTH	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	REP	REP	VEGR	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	WGHT	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	WGHT	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	DWGT	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	DWGT	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	GRO	GRO	DWGT	NOEC	LOEC	14	d	0.06	0.08	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	CHLO	NOEC	LOEC	14	d	0.04	0.06	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	CHLO	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	CHLA	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	SSUG	NOEC	LOEC	14	d	0.02	0.04	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	HEXS	NOEC	LOEC	14	d	0.02	0.04	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	SUCR	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	STRH	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	SSUG	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	HEXS	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	SUCR	NOEC	LOEC	14	d	0.08	0.1	mg/L	100	101397
Norflurazon	Vallisneria	americana	Water-celery, tapegrass	BCM	BCM	STRH	NOEC	LOEC	14	d	0.1	0.1	mg/L	100	101397
Norflurazon	Polycelis	felina	Turbellarian	MOR	MOR	MORT	LOAEL		4	d	20		uM	100	101395
Norflurazon	Polycelis	felina	Turbellarian	MOR	MOR	MORT	NR-ZERO		14	d	2		uM	100	101395
Norflurazon	Polycelis	felina	Turbellarian	CEL	GEN	DAMG	LOAEL		1	d	0.2		uM	100	101395
Norflurazon	Echinochloa	crusgalli	Grass	GRO	GRO	GGRO	LOEC		10	d	0.05		mg/L	100	4057
Norflurazon	Echinochloa	crus-galli	Barnyard grass	GRO	GRO	GGRO	LOEC		10	d	0.05		mg/L	100	4057
Norflurazon	Spartina	alterniflora	Smooth cordgrass	GRO	GRO	GGRO	LOEC		10	d	1		mg/L	100	4057