

Appendix I
Summary of EIIS and Aggregate Incident Data

Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
AQUATIC								
<i>DUMPED INTO DRAIN</i>								
I008956-002	1/1/1994		IA	3	MI	N/R	DUMPING	UNKNOWN
<i>Lake</i>								
I013255-007	7/29/2002	Washburn	WI	3	RU	F	Dump	Thousands
<i>Municipal operation</i>								
I001058-001	4/21/1994	TARRANT	TX	2	UN		Spray	UNKNOWN
<i>N/R</i>								
B0000-300-33	9/22/1982	BEAUFORT	SC	3	UN		N/R	Unknown
<i>Pond</i>								
I003654-006	6/21/1993	WAKE	NC	2	RU		N/R	40
I007494-001	7/8/1998	BUTLER	OH	3	RU	N/R	Spray	1/4 ACRE
I018557-001	5/31/2007	Blaine	ID	1	RU	SC	Spray	165
PLANTS								
<i>Agricultural Area</i>								
I006107-019	9/9/1995	KLAMATH	OR	3	MA	F	N/R	UNKNOWN
<i>N/R</i>								

Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
I013857-013	3/28/2003	EL PASO	CO	2	UN		N/R	Unknown
<i>Potato</i>								
I013587-054	8/30/1999	Franklin	WA	3	M			Unknown
I019027-007	9/10/2007	Benson	ND	3	RU		Spray	50%
I020725-055	4/2/2009	Riverside	CA	2	MA			
<i>Potatoes</i>								
I014404-020	9/28/1990	Grant	WA	2	RU		Spray	N/R
TERRESTRIAL/AQUATIC								
<i>POND</i>								
I011901-001	1/11/2001	HAMPTON	SC	3	MA	N/R	LIQUID ADDED	HUNDREDS

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
AQUATIC					
<i>DUMPED INTO DRAIN</i>					
I008956-002	n/r		unknown	mortality	Ingestion
<i>Lake</i>					
I013255-007	clam	Bivalvia	thousands	mortality	Secondary exposure
<i>Municipal operation</i>					
I001058-001	frog	Anura	unknown	mortality	DIRECT SPRAYING
	wildflowers		unknown	mortality	DIRECT SPRAYING
<i>N/R</i>					
B0000-300-33	drum	Aplodinotus grunniens	n/r	mortality	Ingestion
	mullet	Mugilidae	n/r	mortality	Ingestion
	spot		n/r	mortality	Ingestion
	trout	Salmonidae	n/r	mortality	Ingestion

Pond

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I003654-006	bream	Notemigonus crysoleucas	10	mortality	N/R
	carp	Cyprinus carpio	15	mortality	N/R
I007494-001	bass	Micropterus spp.	n/r	mortality	Treated directly
I018557-001	brook trout	Salvelinus fontinalis	140	mortality	Flowing water
	rainbow trout	Onchorhynchus mykiss	7	mortality	Flowing water
PLANTS					
<i>Agricultural Area</i>					
I006107-019	strawberry		unknown	plant damage	Drift
N/R					
I013857-013	spinach		unknown	plant damage	Drift
<i>Potato</i>					
I013587-054	alfalfa	Medicago sativa		plant damage	Drift, spray
I019027-007	alfalfa	Medicago sativa	50 %	mortality	Drift
I020725-055	grape	Vitis		plant damage	Drift
<i>Potatoes</i>					
I014404-020					

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	ornamental		n/r	plant damage	Drift, spray

TERRESTRIAL/AQUATIC

POND

I011901-001

american alligator	A. mississippiensis	3	mortality	Ingestion
turtle	Testudines	400	mortality	

Incident #	Date	County	State	Certainty	Legal.	Formul.	Appl. Method	Total Magnitude
PLANTS								
<i>Agricultural area</i>								
I021276-007	7/21/2004	Grant	WA	3	MI		Spray	
<i>Alfalfa seed field</i>								
I014409-073	8/25/1992	Grant	WA	2	UN			100 acres
<i>city</i>								
I020998-037	4/9/2003	Snohomish	WA	2	M			
<i>N/R</i>								
I014409-023	8/27/1992	Grant	WA	2	UN			Not given
I014409-021	8/27/1992	Grant	WA	2	UN			Not given
I014409-022	8/27/1992	Grant	WA	2	UN			Not given
<i>Potato</i>								
I013884-031	8/15/1998	Grant	WA	3	RU		Spray	Not given
I013884-029	8/29/1998	Grant	WA	3	RU		Spray	65 acres

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
PLANTS					
<i>Agricultural area</i>					
I021276-007	ornamental			plant damage	Drift, spray
<i>Alfalfa seed field</i>					
I014409-073	alfalfa	Medicago sativa	100 acres	plant damage	Drift
<i>city</i>					
I020998-037	ornamental			plant damage	Drift
<i>N/R</i>					
I014409-021	alfalfa	Medicago sativa	not given	plant damage	Drift
I014409-022	alfalfa	Medicago sativa	not given	plant damage	Drift
I014409-023	alfalfa	Medicago sativa	not given	plant damage	Drift, spray
<i>Potato</i>					
I013884-029					

Incident #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I013884-031	alfalfa	Medicago sativa	65 acres	plant damage	Drift, spray
	alfalfa	Medicago sativa	not given	plant damage	Drift, spray

Aggregate Incident Report for EFED

Diquat dibromide

PC Code: 032201

Total Count of Minor Incidents from Aggregated Reports

<i>Minor Fish and Wildlife Incidents (W-B):</i>	22
<i>Minor Plant Incidents (P-B):</i>	45
<i>Minor "Other Nontarget" Incidents (ONT):</i>	1

<i>Date Range</i>	<i>Package</i>	<i>Seq #</i>	<i>Product</i>	<i>Sum</i>	<i>W-B</i>	<i>P-B</i>	<i>ONT</i>
4/1/1998 - 6/30/1998	007666	019	DIQUAT HERBICIDE	1	0	1	0
4/1/1998 - 6/30/1998	007666	015	REWARD LANDSCAPE & AQUATIC HERBICIDE	1	1	0	0
7/1/1998 - 9/30/1998	008038	031	REWARD LANDSCAPE AND AQUATIC HERBICIDE	2	2	0	0
7/1/1998 - 9/30/1998	008038	016	DIQUAT HERBICIDE	1	0	1	0
8/1/1998 - 11/30/1998	008265	054	CHEMSICO GRASS & WEED KILLER Z	1	0	1	0
10/1/1998 - 12/31/1998	008409	027	DIQUAT	2	0	2	0
12/1/1998 - 2/28/1999	008551	008	REAL-KILL VEGETATION KILLER	1	0	1	0
6/1/1999 - 8/31/1999	009392	056	CHEMSICO GRASS & WEED KILLER M	2	0	2	0
9/1/1999 - 11/30/1999	009768	040	CHEMSICO GRASS & WEED KILLER M	1	0	1	0
10/1/1999 - 12/31/1999	009851	002	DIQUAT HERBICIDE	1	0	1	0
10/1/2000 - 12/31/2000	011093	029	CHEMSICO GRASS & WEED KILLER PP RTU	1	0	1	0
4/1/2001 - 6/30/2001	011931	051	CHEMSICO GRASS & WEED KILLER PP RTU	2	0	2	0
10/1/2001 - 12/31/2001	012568	025	CHEMSICO GRASS & WEED KILLER M	1	0	1	0
10/1/2001 - 12/31/2001	012749	001	RAZOROOTER II	2	0	1	1
10/1/2001 - 12/31/2001	012568	033	CHEMSICO GRASS & WEED KILLER PP RTU	1	0	1	0
1/1/2002 - 3/31/2002	012845	021	CHEMSICO GRASS & WEED KILLER M	1	0	1	0

Data in this report are derived from the Aggregate Summary Module of OPP's Incident Database, maintained by the Information Services Branch of the Information Technology and Resource Management Division.

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<i>Date Range</i>	<i>Package</i>	<i>Seq #</i>	<i>Product</i>	<i>Sum</i>	<i>W-B</i>	<i>P-B</i>	<i>ONT</i>
4/1/2002 - 6/30/2002	013139	049	CHEMSICO GRASS & WEED KILLER PP RTU	1	0	1	0
7/1/2002 - 9/30/2002	013556	035	REGLONE DESSICANT	1	0	1	0
7/1/2002 - 9/30/2002	013413	081	CHEMSICO GRASS & WEED KILLER A	1	0	1	0
10/1/2002 - 12/31/2002	013672	042	CHEMSICO GRASS & WEED KILLER PP RTU	1	0	1	0
1/1/2003 - 3/31/2003	014038	031	REWARD	1	1	0	0
7/1/2003 - 9/30/2003	014521	023	REAL-KILL VEGETATION KILLER	2	0	2	0
7/1/2003 - 9/30/2003	014520	028	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	1	0	1	0
7/1/2003 - 9/30/2003	014521	052	CHEMSICO GRASS & WEED KILLER A	1	0	1	0
10/1/2003 - 12/31/2003	014773	028	CHEMSICO GRASS & WEED KILLER A	1	0	1	0
4/1/2004 - 6/30/2004	015327	033	ROUNDUP W & G KILLER CONCENTRATE PLUS	2	2	0	0
7/1/2004 - 9/30/2004	015707	030	REWARD LANDSCAPE AND AQUATIC HERBICIDE	1	1	0	0
7/1/2004 - 9/30/2004	015679	032	SHOOT OUT GRASS & WEED KILLER CONCENTRATE1	1	0	1	0
7/1/2004 - 9/30/2004	015679	063	CHEMSICO HERBICIDE CONCENTRATE DFC (ALTERNATE II)	1	0	1	0
7/1/2004 - 9/30/2004	015583	027	ROUNDUP W & G KILLER CONCENTRATE PLUS	2	0	2	0
10/1/2004 - 12/31/2004	015840	015	REAL-KILL VEGETATION KILLER	1	0	1	0
4/1/2005 - 6/30/2005	016379	034	CHEMSICO GRASS & WEED KILLER M	1	0	1	0
4/1/2005 - 6/30/2005	016536	037	ROUNDUP W & G KILLER CONCENTRATE PLUS	1	0	1	0
4/1/2005 - 6/30/2005	016379	068	CHEMSICO HERBICIDE RTU DFC	1	0	1	0
7/1/2005 - 9/30/2005	016917	031	REWARD LANDSCAPE AND AQUATIC HERBICIDE	1	1	0	0
7/1/2005 - 9/30/2005	016836	073	CHEMSICO HERBICIDE RTU DFC	1	0	1	0
10/1/2005 - 12/31/2005	017079	014	ROUNDUP W & G KILLER CONCENTRATE PLUS	1	0	1	0
4/1/2006 - 6/30/2006	017725	033	ROUNDUP W & G KILLER CONCENTRATE PLUS	1	0	1	0
7/1/2006 - 9/30/2006	017965	034	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	2	2	0	0

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<i>Date Range</i>	<i>Package</i>	<i>Seq #</i>	<i>Product</i>	<i>Sum</i>	<i>W-B</i>	<i>P-B</i>	<i>ONT</i>
4/1/2007 - 6/30/2007	018826	048	REWARD	1	1	0	0
4/1/2007 - 6/30/2007	018766	034	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	1	0	1	0
7/1/2007 - 9/30/2007	019137	023	REGLONE	1	0	1	0
7/1/2007 - 9/30/2007	019137	026	REGLONE DESSICANT	1	1	0	0
7/1/2007 - 9/30/2007	019137	025	REWARD LANDSCAPE AND AQUATIC HERBICIDE	1	1	0	0
4/1/2008 - 6/30/2008	019862	049	ROUNDUP CONCENTRATE WEED & GRASS KILLER PLUS EXTENDED WEED CONTROL	2	0	2	0
4/1/2008 - 6/30/2008	019862	044	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	1	0	1	0
7/1/2008 - 9/30/2008	020304	027	REWARD (NON-SPECIFIC)	1	1	0	0
7/1/2008 - 9/30/2008	020224	027	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	1	1	0	0
10/1/2008 - 12/31/2008	020513	011	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	2	1	1	0
4/1/2009 - 6/30/2009	020926	070	CHEMSICO HERBICIDE RTU DFC	1	0	1	0
4/1/2009 - 6/30/2009	021104	020	REWARD LANDSCAPE AND AQUATIC HERBICIDE	1	1	0	0
4/1/2009 - 6/30/2009	021068	028	ROUNDUP READY-TO-USE EXTENDED CONTROL WEED & GRASS KILLER 1 PLUS WEED PREVENTER	1	0	1	0
7/1/2009 - 9/30/2009	021414	019	REWARD LANDSCAPE AND AQUATIC HERBICIDE	2	2	0	0
7/1/2009 - 9/30/2009	021414	018	REGLONE DESSICANT	1	1	0	0
4/1/2010 - 6/30/2010	022166	016	ROUNDUP WEED AND GRASS KILLER CONCENTRATE PLUS	2	2	0	0

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Aggregate Incident Report for EFED

Diquat

PC Code: 032202

Total Count of Minor Incidents from Aggregated Reports

<i>Minor Fish and Wildlife Incidents (W-B):</i>	1
<i>Minor Plant Incidents (P-B):</i>	0
<i>Minor "Other Nontarget" Incidents (ONT):</i>	1

<i>Date Range</i>	<i>Package</i>	<i>Seq #</i>	<i>Product</i>	<i>Sum</i>	<i>W-B</i>	<i>P-B</i>	<i>ONT</i>
4/1/2003 - 6/30/2003	014333	042	REWARD	1	1	0	0
4/1/2004 - 6/30/2004	015395	029	REWARD	1	0	0	1

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