Contingency Plan for Countering Spills of TFM and Bayluscide in Canada and the United States

Fisheries and Oceans Canada

and

U.S. Fish and Wildlife Service

April 16, 2005 (Updated February 2018)

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Contingency plan overview

The following contingency plan outlines procedures undertaken to address serious accidental spills occurring during storage, transport, or application of TFM or Bayluscide. Responsible planning to prevent, minimize, and address spills of pesticides is a multiple discipline as detailed below. Material Safety Data Sheets/ Safety Data Sheets (MSDS/SDS) for each lampricide are appended to this plan for informational purposes. The contingency plan is available at all storage sites, in all transport vehicles, and at all lampricide application points. In addition, expert resources to address pesticide spills are available from Chemtrec in the USA (requires account number) or from Canutec in Canada.

Training program

This contingency plan is a component of training sessions for personnel who apply or transport the lampricides. Familiarization with the various scenarios described in this plan and the implementation of prompt, responsive action in each situation is stressed. The plan is reviewed and updated as necessary. Copies of the contingency plan, spill clean-up equipment, and protective gear are included in transport vehicles and at lampricide application sites.

Packaging

TFM is a liquid formulation packaged in heavy-duty, approximately 5-gal plastic containers that weigh about 50 pounds. This container size limits potential spills by eliminating bulk storage containers.

TFM bars are packaged individually in resealable plastic containers. The containers are shipped in cardboard boxes.

Bayluscide 3.2% Granular Sea Lamprey Larvicide is packaged in 5-gal plastic buckets. Each bucket with product weighs 50 lbs. The type of packaging, moderate container size, stacking restrictions, and use of pallets minimize the likelihood of a significant spill during storage, transport, or handling.

Bayluscide 70% Wettable Powder is packaged in 0.5- and 3-lb containers. The containers are shipped from the manufacturer in plastic lined, heavy-duty boxes. The containers are not removed from the shipping boxes until time of use.

Bayluscide 20% Emulsifiable Concentrate is packaged in 1- or 5-L plastic bottles. Bottles are shipped and stored in cardboard boxes.

Storage

Lampricide stockpiles are secured under lock. Local fire departments are alerted of the presence of lampricides and of special firefighting procedures recommended for these chemicals (see MSDS/SDS; appendix F). Building construction and placarding follow state guidelines. A spill and emergency response plan is in place for the lampricide storage facilities in Ludington and Marquette and are available in the station safety plans.

Transport

Enclosed trucks and lockable trailers are used to transport lampricides to application points. In the U.S. the transport of formulations of Bayluscide and TFM is regulated by the Department of Transportation; transportation of amounts of pesticides over regulated quantities requires additional certification and training to acquire the required CDL license. Each driver carries a copy of this contingency plan and has access to safety equipment and spill containment and clean-up kits. In Canada transport of lampricides follows Transport of Dangerous Goods guidelines (Transport of Dangerous Goods Regulations, 1992). If lampricide is lost during transport the following steps are followed:

- 1. Assess the situation
- 2. Document the route traveled
- 3. Contact supervisors and authorities
 - a. Treatment Supervisor
 - b. Station Supervisor
 - c. Field Supervisor
 - d. Local Authorities
 - e. State or provincial authorities

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- 4. Notify previous list if lampricide is recovered
- 5. If lampricide was spilled when lost, follow procedures in "Spills on land' or "Spills into water".

Application

Lampricide treatments on streams are conducted by certified pesticide applicators. Lampricide application and monitoring procedures ensure that the concentration of lampricide remains within a restrictive yet effective range. Lampricide containers are opened only as needed at streamside application points. Precautions are taken to ensure that only required quantities of TFM are transported to, and stored at individual application points.

Empty TFM containers are triple-rinsed or equivalent at treatment sites, rendered useless by crushing or puncturing, and disposed of in an approved municipal landfill or offered for recycling. Empty Bayluscide containers are disposed of in accordance with label directions. Lampricide dispensing equipment is thoroughly rinsed at treatment or survey sites.

Spills on land

In the event of a major lampricide spill (exceeding reportable amount) during storage or transport or at an application site it is a priority that the spill is stopped at its source, the spilled material is contained, and the proper authorities are notified. Shovels and other hand tools are used for immediate containment or channelization of spilled lampricide into a containment area. Spills of Bayluscide granular and wettable powder on land are readily controlled by sweeping and shoveling by personnel protected from dust inhalation. The following actions are taken as necessary to contain and clean up a major spill on the ground:

- 1. Use safety equipment
- 2. Stop the spill at its source
- 3. Dike TFM and Bayluscide 20% Emulsifiable Concentrate liquid formulations in pools as appropriate
- 4. Contain dry Bayluscide or TFM in piles
- 5. Dike any solution of Bayluscide
- 6. Absorb TFM and Bayluscide 20% Emulsifiable Concentrate liquid formulations with clay, soil, or other noncombustible, absorbent materials
- 7. Absorb dry or solubilized Bayluscide with sand, clay, soil, or other noncombustible material
- 8. Report the spill to the Treatment Supervisor and to proper authorities
- 9. Transport clean up materials resulting from a lampricide spill via licensed hauler to a permitted hazardous waste treatment, storage, or disposal facility

Spills into water

During highway transport there is the possibility of a vehicle accident over or near a waterway. In such an occurrence containment action is initiated to prevent or minimize movement into a waterway. If a major lampricide spill occurs into a stream not scheduled for immediate lampricide treatment, the following emergency actions are initiated:

- 1. Immediately notify and consult with State/County Public Health Office (see emergency telephone numbers)
- 2. Issue an emergency advisory on water use restrictions at and downstream of the spill location through local radio and door-to-door contacts. The emergency advisory prohibits water use for drinking, cooking, other household uses, swimming and fishing until further notification.
- 3. Initiate lampricide monitoring to follow and determine the concentration of the chemical block.

Accidental spills of lampricide into a stream during treatment operations could occur only when lampricide monitoring activities are already underway. In such an instance, monitoring activities are extended. Automatic water samplers are set at the intake of any municipal water supply system that may be contaminated as the result of a major spill of lampricide into a waterway.

Reporting of Spills

In the United States, spills of pesticides are reported to individual states, as detailed at the end of this Appendix. For example, in Michigan, an accidental spill of 1 or more containers must be reported to the Pollution Emergency Alerting System (PEAS) and the Michigan Department of Environmental Quality. The State Police are called if no PEAS or equivalent system phone number is listed for the state in which the spill occurs. The state of Michigan requires that spills of the following magnitude be reported: TFM, one container (approximately 5 gals); Bayluscide 3.2% Sea Lamprey Larvicide, one container (50 lbs); Bayluscide 70% Wettable Powder, one plastic container (0.5 lb); and Bayluscide 20% Emulsifiable Concentrate, 1 bottle (5L). Spill amounts of equal magnitude will be reported in other States. If any uncontrolled release (any amount not dispensed by a pump) of TFM or Bayluscide occurs, a treatment supervisor must me immediately notified.

In Canada, spills of the following magnitude must be reported immediately to local police, OMOE and Canutec: TFM, 5 L or greater; Bayluscide 3.2% Granular Sea Lamprey Larvicide, 5 kg or greater; Bayluscide 70% Wettable Powder, 5 kg or greater; and Bayluscide 20% Emulsifiable Concentrate, 5 L or greater. The content of the immediate report must include:

- a) Shipping name of product or UN number
- b) Quantity of dangerous goods in the shipment and quantity released
- c) Location of the accidental release
- d) Number of injuries and/or deaths
- e) Estimate of the number of people evacuated

If an immediate report is made, the employer of the person who made the immediate report must send a written follow-up report within 30 days to the Transport of Dangerous Goods General containing the following information:

- a) Name, address, and telephone number of the place of business
- b) Date, time, and location of the accidental release
- c) Name and address of consignor
- d) Classification of the dangerous goods
- e) Quantity of dangerous goods in the shipment and an estimate of the amount that was released
- f) Description of the means of containment involved and if the container failed or was damaged and how it happened
- g) In case of an accidental release from a cylinder that suffered a catastrophic failure, the certification safety mark and a description of the failure
- h) Number of deaths and injuries
- i) Estimate of the number of people evacuated
- j) Whether an Emergency Response Action Plan was activated, and the name of the person who responded

Note: Restricted use pesticide labels and MSDS/SDS are contained in Appendices E and F respectively.

EMERGENCY TELEPHONE NUMBERS

MICHIGAN

Upper Peninsula

Alger		
	Munising Memorial Hospital	906-387-4110
	Sheriff Dept.	906-387-4444
Baraga		
	Baraga County Memorial Hospital	906-524-3300
	State Police – Calumet Post	906-337-5145
	Coast Guard - Hancock	906-482-1520
Chipper	wa	
отъръ	War Memorial Hospital – Sault Ste. Marie	906-635-4460
	State Police – Sault Ste. Marie Post	906-632-2217
	Coast Guard – Sault Ste. Marie	906-635-3217
Delta		
Detta	OSF St. Francis Hospital – Escanaba	906-786-5707
	State Police – Gladstone Post	906-428-4412
	Coast Guard - Charlevoix	231-547-2565
Dickins	on.	
Dickins	Dickinson County Healthcare System	906-774-1313
	State Police – Iron Mountain Post	906-774-2122
G 1:		
Gogebio		906-932-2525
	Aspirus Ironwood Hospital State Police – Wakefield Post	906-932-2525
	Beacon Ambulance Service – Ironwood	906-932-6230
		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Hought		
	Portage Health System - Hancock	906-483-1000
	State Police – Calumet Post	906-337-5145
	Coast Guard - Calumet	906-482-1520
Iron		
	Aspirus Iron River Hospital	906-265-6121
	State Police – Iron Mountain Post	906-774-2122
Keween	aw	
110 11 0011	Aspirus Keweenaw Hospital – Laurium	906-337-6500
	State Police – Calumet Post	906-337-5145
	Coast Guard - Calumet	906-482-1520
Luca		
Luce	Helen Newberry Joy Hospital	906-293-9200
	State Police – Sault Ste. Marie Post	906-632-2217
	Coast Guard – Sault Ste. Marie	906-635-3217

Upper Peninsula – continued

	Opper Peninsula – continued	
Mackir	nac	
	Mackinac Straits Health System	906-643-8585
	State Police – St. Ignace Post	906-643-7582
	Coast Guard – St. Ignace	906-643-6402
	<u> </u>	
Marqu	ette	
•	Marquette General Hospital	906-228-9440
	State Police – Negaunee Post	906-475-9922
	Coast Guard - Marquette	906-226-3312
	Coust Guard Marquette	200 22 0 22 12
Menon	ninee	
1.1011011	Bay Area Medical Center – Marinette, WI	715-735-4200
	State Police – Gladstone Post	906-428-4412
	State 1 once – Glaustone 1 ost	700-420-4412
Ontona	agan	
Ontona	Aspirus Ontonagon Hospital	906-884-8000
	Ambulance - Bruce Crossing	906-884-2400
	State Police - Wakefield Post	906-229-5372
	Coast Guard - Calumet	906-482-1520
	e.	
School		006 244 2200
	Schoolcraft Memorial Hospital	906-341-3200
	State Police – St. Ignace Post	906-643-7582
	State Police – Gladstone Post	906-428-4412
	Coast Guard - Charlevoix	231-547-2565
	Larray Bardana Ia	
	Lower Peninsula	
Alcono		
Alcona		000 262 2411
Alcona	Tawas St. Joseph Hospital	989-362-3411
Alcona	Tawas St. Joseph Hospital Sheriff	989-724-6271
Alcona	Tawas St. Joseph Hospital	
	Tawas St. Joseph Hospital Sheriff State Police	989-724-6271
Alcona	Tawas St. Joseph Hospital Sheriff State Police	989-724-6271 989-354-4101
	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital	989-724-6271 989-354-4101 269-673-8424
	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff	989-724-6271 989-354-4101 269-673-8424 269-673-0510
	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital	989-724-6271 989-354-4101 269-673-8424
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510
	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830 989-354-4101
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police Kalkaska Memorial Hospital	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830 989-354-4101 231-258-7500
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police Kalkaska Memorial Hospital Sheriff	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830 989-354-4101 231-258-7500 231-533-8627
Allegar	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police Kalkaska Memorial Hospital Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830 989-354-4101 231-258-7500 231-533-8627
Allegar Alpena Antrim	Tawas St. Joseph Hospital Sheriff State Police Allegan General Hospital Sheriff State Police Alpena Regional Medical Center Sheriff State Police Kalkaska Memorial Hospital Sheriff State Police	989-724-6271 989-354-4101 269-673-8424 269-673-0510 269-792-2213 989-356-7000 989-354-9830 989-354-4101 231-258-7500 231-533-8627

	Sheriff State Police	989-846-4561 989-345-0956
_	Lower Peninsula – continued	
Barry	Pennock Hospital Sheriff State Police	269-945-3451 269-948-4805 269-792-2213
Bay		
	McLaren Bay Region Sheriff State Police	989-894-3000 989-895-4050 989-495-5555
Benzie		
	Paul Oliver Memorial Hospital Sheriff State Police	231-352-2200 231-882-4484 231-779-6040
Berrien		
	Lakeland Hospital Sheriff State Police	269-983-8300 269-983-7141 269-683-4411
Branch		
	Community Health Center of Branch County Sheriff State Police	517-279-5400 517-278-2325 517-278-2373
Calhou	n	
	Bronson Battle Creek Hospital Sheriff State Police	269-245-8000 269-969-6441 517-278-2373
Cass		
	Borgess-Lee Memorial Hospital Sheriff State Police	269-782-8681 269-445-1201 269-683-4411
Charle		
	Charlevoix Area Hospital Sheriff State Police	231-547-4024 231-547-4461 989-732-2778
Cheboygan		
	McLaren Northern Michigan Hospital, Cheboygan Campus Sheriff State Police	800-248-6777 231-627-3155 989-732-2778
Clare		
	MidMichigan Medical Center Sheriff State Police	989-802-5000 989-539-7166 989-773-5951

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Clinton		
Ciliton	Sparrow Clinton Hospital	989-227-3400
	Sheriff State Police	989-224-5200 517-322-1907
	State ronce	317-322-1907
C	Lower Peninsula – continued	
Crawfo	rq Mercy Hospital	989-348-5461
	Sheriff	989-348-4616
	State Police	989-422-5103
Eaton		
	Eaton Rapids Memorial Center Sheriff	517-663-2671 517 543-3512
	State Police	517-322-1907
T .		
Emmet	McLaren Northern Michigan Regional Hospital	800-248-6777
	Sheriff	231-347-2036
	State Police	989-732-2778
Genesse	ee	
	Genesys Regional Medical Center Sheriff	810-606-5000 810-257-3407
	State Police	810-237-3407
Cl. J.		
Gladwi	n MidMichigan Medical Center- Gladwin	989-426-9286
	Sheriff	989-426-9284
	State Police	989-345-0956
Grand '	Traverse	
	Munson Medical Hospital Sheriff	231-935-5000 231-995-5001
	State Police	231-779-6040
a		
Gratiot	MidMichigan Medical Center-Gratiot	989-463-1101
	Sheriff	989-875-5214
	State Police	989-352-8444
Hillsda	le	
	Hillsdale Community Health Center	517-437-4451
	Sheriff State Police	517-437-7317 517-780-4580
		22. 700 1000
Huron	Huron Medical Center	989-269-9521
	Sheriff	989-269-9910
	State Police	989-673-2157
Ingham		
<i>a</i>	McLaren-Greater Lansing Hospital	517-975-6000

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	Sheriff State Police	517- 676-2431 517-322-1907
Ionia	Sparrow Ionia Hospital Sheriff State Police	616-523-1400 616-527-5383 989-352-8444
	Lower Peninsula – continued	707-332-0444
Iosco		
	Tawas St. Joseph Hospital Sheriff	989-362-3411 989-362-6164
	State Police	989-345-0956
Isabella	1	
	McLaren-Central Michigan Community Hospital	989-772-6700
	Sheriff State Police	989-773-2739
	State Police	989-773-5951
Jackson		
	Allegiance Health Sheriff	517-788-4800 517-768-7900
	State Police	517-780-4580
	State I once	317 700 1300
Kalama		260 241 7654
	Bronson Methodist Hospital Sheriff	269-341-7654 269-385-6173
	State Police	269-657-5551
17 - 11		
Kalkas	ка Kalkaska Memorial Hospital	231-258-7500
	Sheriff	231-258-8686
	State Police	989-422-5103
Kent		
ixent	Spectrum Health Butterworth Hospital	616-391-1774
	Sheriff	616-632-6100
	State Police	616-866-4411
Lake		
	Spectrum Health-Reed City Campus Hospital	231-832-3271
	Sheriff State Police	231-745-2712 231-873-2171
	State Police	231-6/3-21/1
Lapeer		040 22
	McLaren Lapeer Region	810-667-5500
	Sheriff State Police	810-664-1801 810-664-2905
		310 001 2700
Leelan		221 226 2052
	Paul Oliver Memorial Hospital Sheriff	231-326-2053 231-256-8800
	State Police	231-779-6040

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Lenawee	
ProMedica Herrick Hospital	517-424-3000
Sheriff	517- 263-0524
State Police	734-242-3500
Livingston	
Saint Joseph Mercy Livingston hospital	517-545-6000
Sheriff	517- 546-2440
State Police	810-227-1051
Lower Peninsula – continued	
Macomb McLaren Macomb	586-493-8000
Sheriff	586-307-9343
State Police	248-584-5740
Manistee West Shore Medical Center	231-398-1000
Sheriff	231-723-8393
State Police	231-779-6040
Mason	221 042 2501
Spectrum Health Ludington Hospital Sheriff	231-843-2591 231-843-3475
State Police	231-843-3475
State I once	231-073-2171
Mecosta	
Mecosta County Medical Center	231-796-8691
Sheriff	231-592-0150
State Police	989-773-5951
Midland	
MidMichigan Medical Center	989-839-3000
Sheriff	989-839-4600
State Police	989-495-5555
Missaukee	
Mercy Hospital - Cadillac	231-876-7200
Sheriff	231-839-4338
State Police	989-422-5103
Monroe	
Mercy Memorial Hospital	734-240-8400
Sheriff	734-240-7401
State Police	734-242-3500
Montcalm	
Sheridan Community Hospital	989-291-3261
Sheriff	989-831-7590
State Police	989-352-8444
Mantanananan	
Montmorency Alpena Regional Medical Center	989-356-7000
Sheriff	989-785-4238
~~~~	707 703 1230

State Police	989-354-4101	
Muskegon Mercy Health Hackley Campus Sheriff State Police	231-726-3511 231-724-6236 616-866-4411	
Newaygo		
Spectrum Health Gerber Memorial Sheriff State Police	231-924-3300 231-689-7303 231-873-2171	
Lower Peninsula – continued		
Oakland Crittenton Hospital Medical Center Sheriff State Police	248-652-5000 248-437-5600 248-584-5740	
Oceana Mercy Health Lakeshore Campus Sheriff State Police	231-861-2156 231-873-2121 231-873-2171	
Ogemaw		
West Branch Regional Hospital Sheriff State Police	989-343-3184 989-345-3111 989-345-0956	
Osceola		
Spectrum-Health - Reed City Campus Sheriff State Police	231-832-3271 231-832-2288 989-773-5951	
Oscoda		
Tawas St. Joseph Hospital Sheriff State Police	989-362-3411 989-826-3214 989-354-4101	
Otsego		
Otsego Memorial Hospital Sheriff State Police	989-731-2100 989-732-3555 989-732-2778	
Ottawa	4 < 0.40 0 < 0.00	
North Ottawa Community Health Sheriff State Police	616-842-3600 616-738-4000 616-866-4411	
Presque Isle		
Alpena General Hospital Sheriff State Police	989-356-7000 989-734-2156 989-354-4101	

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Roscommon	
Mercy Hospital	989-348-5461
Sheriff	989-275-5101
State Police	989-422-5103
Saginaw	
Covenant Health Care	989-583-0000
Sheriff	989-790-5456
State Police	989-495-5555
Sanilac	
Deckerville Community Hospital	810-376-2835
Sheriff	810-648-2000
State Police	989-673-2157
Lower Peninsula – continued	
Shiawassee Memorial Healthcare	989-723-5211
Sheriff	989-743-3411
State Police	810-732-1111
St. Clair	
St. Joseph Mercy Port Huron	810-985-1501
Sheriff	810-987-1712
State Police	810-664-2905
St. Joseph	
Three Rivers Health	269-278-1145
Sheriff	269-467-9045
State Police	517-278-2373
Tuscola	
Caro Community Hospital	989-673-3141
Sheriff	989-673-8161
State Police	989-673-2157
Van Buren	
Bronson Lakeview Hospital	269-657-3141
Sheriff	269-657-2006
State Police	269-657-5551
Washtenaw	<b>-</b> 24 <b>-</b> 42 24-4
St. Joseph Mercy Ann Arbor Hospital Sheriff	734-712-3456 734-971-8400
State Police	810-227-1051
	010-227-1031
Wayne Henry Ford Wyandotte Hospital	734-246-6000
Sheriff	313-224-2222
State Police	248-584-5740
Wexford	
Mercy Hospital – Cadillac	231-876-7200
Sheriff	231-779-9211
State Police	231-779-6040

#### State of Michigan and National Hotline Numbers

National Poison Control Center	800-222-1222
State of Michigan	800-222-1222
Grand Rapids, MI	616-391-3690
Marquette, MI	906-225-3405
Upper Peninsula	800-562-9781
Michigan Department of Environmental Quality	
Pollution Emergency Alerting System (PEAS)	800-292-4706
Michigan Department of Agriculture	
Pesticides and Plant Management Division	517-284-5639
Animal Health Diagnostic Laboratory, Michigan State University	517-353-1683
State of Michigan and National Hotline Numbers - cont	inued
U.S. Coast Guard Great Lakes	911
VHF-FM Channe	el 16 (156.8 MHz)

#### WISCONSIN

Ashland	
Memorial Medical Center - Ashland	715-685-5500
Ashland Fire Dept./Ambulance	715-682-7052
State Patrol – Spooner Post	715-635-2141
Coast Guard - Bayfield	715-779-3950
Bayfield	
Memorial Medical Center – Ashland	715-685-5500
Ambulance	715-779-3978
State Patrol – Spooner Post	715-635-2141
Coast Guard - Bayfield	715-779-3950
Brown	
Bellin Memorial Hospital - Green Bay	920-433-3500
St. Vincent Hospital – Green Bay	920-433-0111
State Patrol – Fond Du Lac Post	920-929-3700
Coast Guard – Green Bay	920-435-7042
Door	
Door County Medical Center - Sturgeon Bay	920-743-5566
State Patrol – Fond Du Lac Post	920-929-3700
Sheriff	920-746-2400
Douglas	
Essential Health St. Mary's Hospital - Superior	715-817-7000
State Patrol – Spooner Post	715-635-2141
Sheriff	715-395-1371

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Iron		
11011	Aspirus Ironwood Hospital – Ironwood, MI	906-932-2525
	State Patrol – Wausau Post	715-845-1143
	Sheriff	715-561-3800
Kewaui		020 200 4740
	Hospital: Bellin Health Systems State Patrol – Fond Du Lac Post	920-388-4640
	Sheriff	920-929-3700 920-388-3100
	Sneriii	920-388-3100
Marine	tte	
	Bay Area Medical Center	715-735-4200
	State Patrol – Fond Du Lac Post	715-929-3700
	Sheriff	715-732-7608
Oconto		
C 201110	Bellin Health Oconto Hospital - Oconto	920-835-1100
	HSHS St. Clare Memorial Hospital – Oconto Falls	920-846-3444
	State Patrol – Fond Lu Lac Post	920-929-3700
	Sheriff	920-834-6900
~-	WISCONSIN - continued	
Sheboy		020 451 5000
	Sheboygan Aurora Memorial Med. Center State Patrol – Fond Du Lac Post	920-451-5000 920-929-3700
	Sheriff	920-929-3700
	Sherin	720-437-3111
Wiscon	sin Department of Agriculture	608-224-5012
	MINNESOTA	
Carlton	i e e e e e e e e e e e e e e e e e e e	
	Cloquet Community Memorial Hospital	218-879-4641
	State Patrol	218-302-6127
	Sheriff	218-384-3236
St. Lou	is	
ou Lou	St. Marys Medical Center - Duluth	218-786-4000
	St. Luke's Hospital - Duluth	218-249-5555
	State Patrol	218-302-6127
	Coast Guard	218-720-5412
Minnes	ote Denoutement of Assisultance	
winnes	ota Department of Agriculture Incident Response Program	651-201-6000
	incident Response Frogram	031-201-0000
Erie	PENNSYLVANIA	
EHIC	State Police	814-898-1641
	Millcreek Community Hospital	814-864-4031
	Sheriff	814-451-6007
Pennsy	vania Department of Agriculture	814-332-6890

INDIANA	
Laporte	
State Police	219-696-6242
Sheriff	219-362-7700
Franciscan St. Anthony Health	219-879-8511
Indiana Department of Environmental Management	800-451-6027
Emergency response Desk	888-233-7745
Indiana State Chemist	765-494-1492
OHIO	
ОНЮ	
Ashtabula	440 007 2262
Ashtabula County Medical Center State Police	440-997-2262
Sheriff	440-969-1155 440-576-0055
Sherin	440-5/0-0055
Ohio Environmental Protection Agency	
Emergency Response Hotline	800-282-9378
OHIO - continued	
Ohio Department of Agriculture Pesticide and Fertilizer Regulation	614-728-6987
resticite and refunzer Regulation	014-728-0987
NEW YORK	
New York State Hazardous Spills Hotline	800-457-7362
New York State Department of Environmental Conservation	
Bureau of Pesticides Management Regional Office	716-851-7220

### New York State Department of Environmental Conservation Bureau of Pesticides Management Regional Offices:

<b>County</b>	Office Location	Phone Number
Nassau, Suffolk	Stony Brook, N.Y.	(631) 444-0340
Bronx, Kings, New York, Queens, Richmond (New York City)	Long Island City, N.Y.	(718) 482-4994
Duchess, Orange, Putnum, Rockland, Sullivan, Ulster, Westchester	New Platz, N.Y.	(845) 256-3097
Albany, Columbia, Delaware, Greene, Montgomery, Otsego, Rensselaer, Schenectady, Scholarie	Schenectady, N.Y.	(518) 357-2045
Clinton, Essex, Franklin, Fulton, Hamilton, Saratoga, Warren, Washington	Warrensburg, N.Y.	(518) 623-1200
Jefferson, Oneida, Herkimer, Lewis, St. Lawrence	Watertown, N.Y. Utica, N.Y.	(315) 785-2239 (315) 793-2554

Cayuga, Courtland, Madison, Onondaga,	Cortland, N.Y.	(607) 753-3095
Broome, Chenango, Tioga, Tompkins,	Kirkwood, N.Y.	(607)-775-2545
Oswego	Syracuse, N.Y.	(315) 426-7400
Monroe, Orleans, Chemung, Genesee, Livingston, Ontario, Schuyler, Seneca, Steuben, Wayne, Yates	Avon, N.Y. Bath, N.Y.	(585) 226-2466 (607) 776-2165
Niagara, Allegany, Cattaraugus, Chautauqua, Erie, Wyoming	Buffalo, N.Y.	(716) 851-7220
	NTARIO	
Spills Action Centre (Ministry of Environment	)	800-268-6060
Regional Pesticide Offices Sudbury		800-890-8516
London		800-265-7672
Hamilton		800-668-4557
Toronto		800-810-8048
Kingston		800-267-0974
Health Canada		800-267-6315
Pest Management Regulatory Agency		
Pesticide Regulatory Branch		
_ :	RIO - continued	
Canutec		613-996-6666
		*666 Cell Phone
<b>Poison Control Centre</b>		800-268-9017
Ontario Provincial Police		888-310-1122
IINIT	TED STATES	
Chemtrec	ZZ ZIIIZ	800-424-9300
	CANADA	
Canutec		613-996-6666 *666 Cell Phone