



Section 9311

Northwest Area Wildlife Deterrence (Hazing) Resources



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Northwest Area Wildlife Deterrence (hazing) Resources

Current as of August 2012

This Wildlife Deterrence Resource list is provided in support of the Northwest Wildlife Response Plan (Chapter 9310) of the Northwest Area Contingency Plan. The first pages include a summary of organizations that can provide deterrence (hazing) resources in the Pacific Northwest, followed by a list of vendors with hazing supplies. The remaining pages describe the equipment in detail for each provider organization. The resources can be directly ordered by the Unified Command and/or Responsible Party. They also could be requested for use during an oil spill in Washington, Oregon, Idaho, or British Columbia through the Pacific States – British Columbia Oil Spill Task Force Mutual Aid agreements.

9311.1 Deterrence Resources for Birds

[USDA Wildlife Services](#)

Washington– Olympia

Contact: Roger Woodruff 360-753-9884, roger.a.woodruff@aphis.usda.gov

Oregon – Portland

Contact: Dave Williams 503-326-2346, david.e.williams@aphis.usda.gov

Idaho – Boise

Contact: Todd Grimm, 208-373-1630, todd.k.grimm@aphis.usda.gov

Brief Description of Resources: Wildlife Services does a great deal of bird deterrence work and has a large inventory of deterrence tools available almost all the time. The quantity of deterrence equipment varies by state location. Wildlife Services has the ability to bring in large quantities of deterrence equipment and experienced deterrence personnel in a short time.

[Focus Wildlife International](#) – Anacortes, Washington

Contact: Chris Battaglia 360-386-5965, chris@focuswildlife.org

Jenny Schlieps 360-391-7777, jenny@focuswildlife.org

24-hour number: 1.800.578.3048

Brief Description of Resources: Experienced deterrence personnel, inventory of passive and active deterrence equipment.

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[International Bird Rescue](#) – Astoria, Washington

Contact: Curt Clumpner 707-249-6932(c), curt.clumpner@bird-rescue.org
24-hour number 707-207-0380

Brief Description of Resources: Experienced deterrence personnel.

[California Oiled Wildlife Care Network](#) – Davis, California

Contact: Michael Ziccardi 530-754-5701(o), 530-979-7561(c),
mhzcarrdi@ucdavis.edu

Brief Description of Resources: Experienced deterrence personnel, inventory of passive and active deterrence equipment in trailerable storage.

[National Oceanic and Atmospheric Administration \(NOAA\) Fisheries](#) – Seattle, Washington

Contact: Lynne Barre 206-526-4745(o), 206-718-3807(c),
Lynne.Barre@noaa.gov
Brent Norberg 206-526-6550(o), 206-909-3771(c),
Brent.Norberg@noaa.gov
Kristin Wilkinson 206-526-4747(o), 206-550-6208(c),
Kristin.Wilkinson@noaa.gov

Brief Description of Resources: Seal bombs, bird screamer rockets, bird banger rockets, bird rocket igniters, cracker shells, electronic pingers.

[National Response Corporation](#) – Seattle, Washington

Contact: Tiffany Gallo 206-607-3007(o), 206-730-0193 (c) tgallo@nrcc.com

Brief Description of Resources: One bird hazing kit with propane cannon, inflatable scarecrow, Mylar flash tape.

9311.2 Deterrence Resources for Marine Mammals

[Islands' Oil Spill Association](#) – Friday Harbor, Washington

Contact: Julie Knight 360-378-5322(o), 360-622-6041(c), iosa@rockisland.com

Brief Description of Resources: 21 oikomi pipes with hammers.

[NOAA Fisheries](#) – Seattle, Washington

Contact: Lynne Barre 206-526-4745(o), 206-718-3807(c),
Lynne.Barre@noaa.gov
Brent Norberg 206-526-6550(o), 206-909-3771(c),
Brent.Norberg@noaa.gov
Kristin Wilkinson 206-526-4747(o), 206-550-6208(c),
Kristin.Wilkinson@noaa.gov

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Brief Description of Resources: 650 seal bombs, 250 bird screamer rockets, 250 bird banger rockets, 500 bird rocket igniters, 250 cracker shells, 12 electronic pingers.

[Washington Department of Fish and Wildlife \(WDFW\)](#) – Olympia, WA
Contact: WDFW Spill Team Pager 360-534-2388 (24/7)

Brief Description of Resources: 21 oikomi pipes with hammers

9311.3 Product Vendors

National Response Corporation – Bird Hazing Kit

9520 10th Ave South Ste#175
Seattle, WA 9818
Phone 1-206-378-4100
FAX 1-206-378-4103

California Seal Control Corporation – Seal Bombs

2190 Signal Place
San Pedro, CA 90731
310-831-5516 (tel) 310-831-2402 (fax)
Email: CA.SEALCONTROL@GMAIL.COM

Wilson Irrigation - Bird control rockets

1104 Mead Ave.
Yakima, WA 98903
509-453-9983 (tel) 509-453-1258 (fax)

Western Wildlife Control - Bird control rockets and Cracker Shells

P.O. Box 932
Canby, OR 97013-0932
503-656-1999 (tel) 503-656-6628 (fax)

Reed-Joseph International Co.

Box 894 or 800 Main St.
Greenville, MS 38702
800-647-5554 (tel) 662-335-8850 (fax)

Bird Gard LLC

254 W. Adams Ave.
Sisters, OR 97759
541-549-0205 (tel) 541-549-5286 (fax)

**9311.4 Islands' Oil Spill Association (IOSA)
Hazing Equipment Summary Data Sheet – June 20, 2012
Organization name:** Islands' Oil Spill Association (IOSA)

List of hazing equipment:

21 8-foot-long oikomi pipes with hammers (on loan from NOAA (11)
WDFW (10)).

Physical location of the equipment: IOSA storage trailer located at the end of Shelter Road south of the Friday Harbor Airport

Point of contact for the equipment:

Islands' Oil Spill Association (IOSA)

Julie Knight

PO Box 1354

Friday Harbor, WA. 9825

iosa@rockisland.com

Home (360) 468-2065

Work (360) 378-5322

Cell (360) 622-6041

IOSA is usually paged through San Juan County's Sheriff's Dispatch: 360-378-4151 (Also, you can call the IOSA pager number directly) IOSA Pager (360) 336-1166

Equipment Storage

Does the equipment have any storage, permitting, or licensing requirements? No

Are there any special storage requirements (locked, heated, etc.)? They need to be kept dry.

How often does the equipment need to be checked while in storage? Quarterly.

Does the equipment have a shelf life? No

Equipment Ordering

Is the item listed on the Western Response Resource List (WRRL)? No.

How is the equipment requested? Phone followed up by an ICS Form 213 for documentation.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)? Must contact IOSA.

Is the equipment available 24/7? IOSA personnel can access the equipment 24/7.

Can the equipment be delivered and/or picked up? Yes, the equipment can be picked up from the storage site and can be delivered to designated locations. The

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pipes could be transferred to one of the smaller (16-foot) trailers at the same storage site and then towed to a designated delivery location.

Are there any licensing or permitting requirements associated with delivery or pick up? Need a truck or trailer that can accommodate the 8-foot length of the pipes.

Are there any on-site security requirements for the item? To be determined.

When ordering, should additional supporting equipment be ordered as well? Yes, hammers, vessels, and pipe mounting equipment.

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)?
Deployment is dependent on weather conditions and boat capabilities.

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? Appropriate mounting equipment is needed to suspend the pipes freely over the side of the deploying vessel.

Can anyone use the equipment or do they need licenses, permits, or specialized training? To be determined.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up: 1 or 2

Number of people needed to deploy: 2 with boat

Number of people needed to support equipment use: To be determined

9311.5 NOAA Fisheries

Hazing Equipment Summary Data Sheet – July 5, 2012

Organization name: NOAA Fisheries, Northwest Region

7600 Sand Point Way, N.E.

Seattle, WA 98115

List of hazing equipment:

9 boxes seal bombs (72 units/box)

5 boxes bird screamer rockets (50/box)

5 boxes bird banger rockets (50/box)

5 boxes bird rocket igniters (22cal; 100/box)

10 boxes cracker shells (12g) (25/box)

12 electronic pingers

Physical location of equipment:

NOAA Western Regional Center
7600 Sand Point Way, N.E.
Seattle, WA 98115
<http://www.wrc.noaa.gov/>

Pyrotechnics – Bldg. 33; Pingers – Bldg. 32

Points of contact for the equipment:

Lynne Barre, Chief
Puget Sound Ecosystem & Marine Mammal Branch
206-526-4745 (o)
206-718-3807 (c)
Lynne.Barre@noaa.gov

Brent Norberg
206-526-6550 (o)
206-909-3771 (c)
Brent.Norberg@noaa.gov

Kristin Wilkinson
206-526-4747 (o)
206-550-6208 (c)
Kristin.Wilkinson@noaa.gov

Equipment Storage

Pyrotechnics

This equipment is regulated by the United States Treasury – Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF) as high explosives and subject to storage and handling license requirements.

Explosives must be stored in a magazine constructed to ATF-approved standards. Deployment of explosive hazing units must be approved by the Federal On-Scene Coordinator (FOSC) or NOAA for compliance with the Marine Mammal Protection Act and the Endangered Species Act. Users must be agency (federal/state) personnel, spill response contractors under the direction of the FOSC (Wildlife Branch Director), or hold valid federal explosives license or user permit for compliance with ATF Federal Explosives Law and Regulations.

For non-federal facilities, explosive materials must be stored according to the regulations of 27 Code of Federal Regulations 555 Subpart K. For federal facilities, explosives must be stored according to agency rules and standards.

At NOAA, the equipment is stored in a locked magazine and is inventoried semi-annually.

The equipment has an indefinite shelf life when stored in an approved dry magazine in the original container. For materials that have been stored for an extended period, the manufacturer recommends shaking the devices prior to use.

Responsibility for replacing or refreshing supplies: NOAA Fisheries maintains a small supply of these devices for use in field programs and re-orders to maintain stock on hand.

Electronic Gillnet Pingers

The pingers are battery operated (single “D” cell) and are kept in an equipment storeroom with a supply of batteries.

Equipment Ordering

Pyrotechnics

These items are not listed on the WRRL. Ordering party must have an “End User Certificate – Wildlife Control Statement” on file with the vendor to order.

There is only one west coast vendor for seal bombs, listed below, and ordering from the vendor takes several days at a minimum because of transportation restrictions.

California Seal Control Corporation
2190 Signal Place
San Pedro, CA 90731
310-831-5516 (tel) 310-831-2402 (fax)
Email: CA.SEALCONTROL@GMAIL.COM

Bird control rockets can be ordered from the following vendors in our area. Shipment is by ground transportation only.

Wilson Irrigation
1104 Mead Ave.
Yakima, WA 98903
509-453-9983 (tel) 509-453-1258 (fax)

Western Wildlife Control
P.O. Box 932
Canby, OR 97013-0932
503-656-1999 (tel) 503-656-6628 (fax)

Cracker shells can be ordered from Western Wildlife Control in Canby, OR (contact info above).

Electronic Gillnet Pingers

AirMar Technology Corporation

603-673-9570. The AirMar units operate at 10 kHz and are suitable for small cetaceans and killer whales. The minimum order is six units. Credit card payment is preferred. Lead time requirements vary with stock on hand.

Pingers are also available from Fumunda and can be ordered as “high frequency” units for small cetaceans or “low frequency” units for large whales. The units are available on the west coast from Kathy’s Net Loft & Gear Supplies in Juneau Alaska, 907-209-5400, or ordered online at www.kathysnetloft.com.

The stored equipment (pyrotechnics or pingers) can be obtained from NOAA points of contact via telephone or, email followed up by an ICS Form 213 for documentation.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)? Contact NOAA points of contact for shipment via ground transportation. NOAA is a secured facility. After-hours access can be arranged via NOAA points of contact (at numbers listed above) and the Western Regional Center Security Office at 206-526-4100.

Is the equipment available 24/7? NOAA points of contacts are available via cell phone and can access the Sand Point facility after hours.

Can the equipment be delivered and/or can it be picked up? NOAA points of contact can open the storage magazine to make equipment available for pickup, or the equipment can be delivered when requested.

Are there any licensing or permitting requirements associated with delivery or pick up? If yes, what are they? To be determined. Inter-agency transfers of materials for use by agencies or spill response contract personnel under the command of the FOSC (Wildlife Branch Chief) are authorized by regulation.

Are there any on-site security requirements for the item? If yes, what are they? To be determined.

When ordering, should additional supporting equipment be ordered as well? If yes, what is it (propane, hammers, safety gear, etc.)? For seal bombs, a rain-proof container suitable for storing units in the manufacturers packaging is sufficient, along with a wind-resistant lighter or propane torch for igniting the fuses.

For bird control rockets, a handheld launcher and igniter blanks are required.

Cracker shells are deployed from a 12 gauge open choke shotgun, which must be user supplied.

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)? If yes, what are they? Deployment is dependent on weather conditions and boat capabilities. See the implementation plan for minimum crew sizes and safety precautions.

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? If extra items are needed, what are they? User supplied hearing protection and safety glasses (required); heavy work gloves (optional). NOAA does not have a stored supply of personal protection equipment for distribution with hazing tools.

Can anyone use the equipment or do they need licenses, permits, or specialized training? If the latter, describe them. As previously discussed, agency personnel do not require additional permits.

Note: We need to determine if contractors working as hazers under the control of the FOSC (Wildlife Branch Director) are considered agency employees for compliance with ATF regulations. If not, non-agency contractors working as hazers may need explosive user permits.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up: 1

Number of people needed to deploy: 2 with boat

Number of people needed to support equipment use: To be determined.

See implementation plan for minimum deployment recommendations and instructions.

What are some suggested sources of supply for boats and personnel to deploy this equipment? NOAA points of contact have access to a 22-foot fiberglass center console skiff stored at the Sand Point address.

9311.6 Washington Department of Fish and Wildlife Hazing Equipment Data Summary Sheet – June 20, 2012

Organization name: WDFW Oil Spill Team

List of hazing equipment:

21 8-foot-long oikomi pipes with hammers

Physical location of the equipment: Trailer stored at 2628 Industrial Loop, Olympia, Washington

Point of contact for the equipment (include contact info)?

Oil Spill Team Pager (360) 534-8233

Equipment Storage

Does the equipment have any storage permitting or licensing requirements? It must be approved by the FOSC or NOAA for use to be in compliance with Marine Mammal Protection Act and Endangered Species Act.

Are there any special storage requirements (locked, heated, etc.)? Preferred that they be kept dry.

How often does the equipment need to be checked while in storage? Quarterly

Does the equipment have a shelf life? No

Who is responsible for replacing or refreshing it?

Equipment Ordering

Is the item listed on the WRRL? No

How is the equipment requested (or does it matter?) Phone, followed up by an ICS Form 213 for documentation.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)? Must contact WDFW Oil spill Team

Is the equipment available 24/7? Yes

Can the equipment be delivered and/or can it be picked up? It can be picked up, but delivery by the Oil Spill Team is dependent on staff availability

Are there any licensing or permitting requirements associated with delivery or pick up? Need a truck or trailer that can accommodate the 8-foot length of the pipes.

Are there any on-site security requirements for the item? Need key and access code to access equipment.

When ordering, should additional supporting equipment be ordered as well? Vessels and mounting equipment need to be ordered as well.

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)? Deployment depends on weather conditions and boat capabilities.

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? Appropriate mounting equipment to suspend the pipes freely over the side of the deploying vessel needs to be available.

Can anyone use the equipment or do they need licenses, permits, or specialized training? The actual deterrence operation should be directed by persons knowledgeable about killer whale behavior. With that direction, almost anyone could perform the task of deploying and striking the oikomi pipes.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up: 1 or 2

Number of people needed to deploy: 2 with boat

Number of people needed to support equipment use: To be determined

What are some suggested sources of supply for boats and personnel to deploy this equipment? IOSA, the Whale Museum, WDFW Marine Mammal Investigation Unit, NOAA Whale Research, WDFW Enforcement. Others to be coordinated by NOAA Fisheries (Protected Resources Division) Marine Mammal Unit.

9311.7 National Response Corporation – Seattle Hazing Equipment Data Summary Sheet – August 10, 2012

Organization name: National Response Corporation

List of hazing equipment:

- 1 hazing kit
- 1 handheld air horn
- 5.5-ounce horn refill
- 50 cable ties
- 600-foot polypropylene rope
- 25 wooden stakes
- 1 3# mallet
- 20 300-foot rolls of Mylar flash tape
- 1 scare-away LP gas cannon
- 1 20# fiberglass propane tank
- 20 scare-eye balloons
- Personal protection equipment kit for 4 people
- 1 multi-use scary man inflatable scarecrow

Physical location of the equipment: Seattle, Washington

Point of contact for the equipment (include contact info):

Tiffany Gallo

Marine Operations – Seattle tgallo@nrccs.com

9520 10th Ave. S., Ste. 150

Seattle, WA 98108

206-607-3007

Desk 206-607-3001 Fax 206-730-0193 mobile

Equipment Storage

Does the equipment have any storage permitting or licensing requirements? No

Are there any special storage requirements (locked, heated, etc.)? No

How often does the equipment need to be checked while in storage? Yearly

Does the equipment have a shelf life? No

Equipment Ordering

Is the item listed on the WRRL? No

How is the equipment requested (or does it matter?) Phone and ICS Form 213 for documentation.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)? No

Is the equipment available 24/7? Yes

Can the equipment be delivered and/or can it be picked up? Yes

Are there any licensing or permitting requirements associated with deliver or pick up? No

Are there any on-site security requirements for the item? No

When ordering should additional supporting equipment be ordered as well? No

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)? If yes, what are they?

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? If extra items are needed, what are they?

Can anyone use the equipment or do they need licenses, permits, or specialized training? If the latter, describe them. Need training in use of the propane cannon can only be used by trained deterrence personnel.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up: 1

Number of people needed to deploy: 2

Number of people needed to support equipment use: 1

9311.8 USDA Wildlife Services

Hazing Equipment Data Summary Sheet – August 10, 2012

Organization name: United States Department of Agriculture, Animal and Plant Health Inspection Service, Wildlife Services (USDA Wildlife Services)

List of hazing equipment:

The numbers that are given below would be a minimum amount that we could supply quickly, in 24 hours or less, and we would generally have access to much larger supplies within a day or so:

- 1,000 15-millimeter pyrotechnics (screamers, bangers, whistlers), plus caps
- 5 launcher pistols for 15mm pyrotechnics
- 50 pyrotechnic rockets, plus necessary launcher tubes
- 100 12-gauge shell-crackers
- 2 12-gauge shotguns
- 2 handheld lasers for bird dispersal in low light conditions
- 10 rolls Mylar ribbon

Infra-red night vision equipment that could be useful in locating wildlife that has been oiled or is in jeopardy of being oiled.

Physical location: Olympia, Washington; Portland, Oregon; Boise, Idaho

Point of contact for the equipment (include contact info):

Washington:

Roger A. Woodruff
State Director, WA/AK
USDA, APHIS, Wildlife Services
720 O’Leary Street NW
Olympia, WA 98502
Phone: (360) 753-9884 FAX: (360) 753-9466
roger.a.woodruff@aphis.usda.gov

Oregon:

Dave Williams
State Director, OR
USDA, APHIS, Wildlife Services
6135 NE 80th, Suite A-8
Portland, OR 97218
Phone: (503) 326-2346 FAX: (503) 326-2367
david.e.williams@aphis.usda.gov

Idaho:
Todd Grimm
Idaho Wildlife Services
State Director, ID
USDA APHIS, Wildlife Service
9134 West Blackeagle Drive
Boise, ID 83709
Phone: (208) 373-1630 FAX: (208) 378-5349
todd.k.grimm@aphis.usda.gov

Equipment Storage

Does the equipment have any storage permitting or licensing requirements? Yes

Are there any special storage requirements (locked, heated, etc.)? Yes

How often does the equipment need to be checked while in storage? Yearly

Does the equipment have a shelf-life? Yes

Equipment Ordering

Is the item listed on the WRRL? No

How is the equipment requested (or does it matter?) Order by phone, followed by a Pollution Removal Funding Authorization issued by the FOOSC.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)?

Is the equipment available 24/7? Yes

Can the equipment be delivered and/or can it be picked up? Yes

Are there any licensing or permitting requirements associated with deliver or pick up? No

Are there any on-site security requirements for the item? If yes, what are they?
Must be locked in approved storage containers.

When ordering should additional supporting equipment be ordered as well? If yes, what is it (propane, hammers, safety gear, etc.)?

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)? If yes, what are they?

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? If extra items are needed, what are they?

Can anyone use the equipment or do they need licenses, permits, or specialized training? If yes, describe them. Yes, specialized training is required. Wildlife Services personnel are trained and authorized to utilize the equipment.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up:

Number of people needed to deploy:

Number of people needed to support equipment use:

9311.9 Focus Wildlife International – Anacortes, Washington

Hazing Equipment Data Summary Sheet – July 31, 2012

Organization name: Focus Wildlife International

List of Focus Wildlife’s deterrence equipment:

Currently (7/31/12) have:

- 1 remote control tugboat
- 1,000 feet of silt fencing
- 1,000 feet of flagging
- 4 rolls of Mylar streamers (4 rolls)
- 1 air horn

By the end of the year, (2012) Focus will be adding:

- 2 strobe lights
- 10 rolls of construction fencing
- 20 rolls of Mylar streamers
- 3 wavy arm guys

Physical location: Anacortes, Washington

Point of contact for the equipment (include contact info):

Chris Battaglia 360-386-5965, chris@focuswildlife.org
Jenny Schlieps 360-391-7777, jenny@focuswildlife.org
Focus Wildlife International
1408 19th St.
Anacortes, WA 98221

Equipment Storage

Does the equipment have any storage permitting or licensing requirements? No

Are there any special storage requirements (locked, heated, etc.)? No

How often does the equipment need to be checked while in storage? Yearly

Does the equipment have a shelf-life? No

Equipment Ordering

Is the item listed on the WRRL? No

How is the equipment requested (or does it matter?) Phone followed up by an ICS Form 213 for documentation.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)?

Is the equipment available 24/7? Yes

Can the equipment be delivered and/or can it be picked up? Yes

Are there any licensing or permitting requirements associated with delivery or pick up? No

Are there any on-site security requirements for the item? No

When ordering should additional supporting equipment be ordered as well? No

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)?
No

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? If extra items are needed, what are they? No extra safety is required to use this equipment.

Can anyone use the equipment or do they need licenses, permits, or specialized training? If yes, describe them. No permits or licenses needed to use the equipment.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up: one

Number of people needed to deploy: two

Number of people needed to support equipment use: one

9311.10 California Oiled Wildlife Care Network – Davis, California

Hazing Equipment Data Summary Sheet – August 10, 2012

Organization name: Oiled Wildlife Care Network

List of hazing equipment:

- 1,600 bird bombs
- 1,400 screamers
- 200 rocket bangers
- 11 pistol-type launchers
- 3,200 .22-caliber blanks
- 300 shell crackers
- 1 shotgun
- 50 CAPA exploders
- 1 CAPA launcher
- 70 seal bombs
- 17 propane cannons
- 500 Mylar balloons
- 2 helium tanks
- 400 bamboo stakes with Mylar tape
- 2 Marine Phoenix Wailers

Where the equipment is physically located: Davis, California

Point of contact for the equipment (include contact info):

Michael Ziccardi DVM MPVM PhD
Director, Oiled Wildlife Care Network
Assoc. Professor, Clinical Wildlife Health
Wildlife Health Center
School of Veterinary Medicine
University of California
Davis, CA 95616
O: (530) 754-5701 C: (530) 979-7561 F: (530) 752-3318

Equipment Storage

Does the equipment have any storage permitting or licensing requirements? Yes

Are there any special storage requirements (locked, heated, etc.)? Yes

How often does the equipment need to be checked while in storage? Yearly

Does the equipment have a shelf-life? Yes

Equipment Ordering

Is the item listed on the WRRL? No

How is the equipment requested (or does it matter?) Phone followed up by an ICS Form 213 for documentation.

Are there any special instructions when ordering (inside locked gate, transportation permits, etc.)?

Is the equipment available 24/7? Yes

Can the equipment be delivered and/or can it be picked up?

Are there any licensing or permitting requirements associated with deliver or pick up? No

Are there any on-site security requirements for the item? If yes, what are they?

When ordering should additional supporting equipment be ordered as well? If yes, what is it (propane, hammers, safety gear, etc.)?

Equipment Use

Are there any restrictions on the use of the item (time of day, time of year, etc.)? If yes, what are they?

Are there any specific safety items that are needed for the personnel who are using the item? Do the safety items come with the hazing resource or do they need to be ordered separately? If extra items are needed, what are they?

Can anyone use the equipment or do they need licenses, permits, or specialized training? If yes, describe them.

How many people are needed to pick up the equipment and use the equipment? Do they need additional support staff?

Number of people needed to pick up:

Number of people needed to support equipment use:

Number of people needed to support equipment use: