

Environmental Pocket Reference for Employees and Contractors

Red Dog Operations

Teck

Get Help

Telephone extensions:

Emergency	911
Spill Reporting	45367
Safety & Health	45146
Air Quality	45143
Community	45259
Container Management	45115
EMS/SiteLine	45137
T&W Tailing/Dam	45020
Waste	45109
Water	45145
Wildlife	45152

Radio from equipment or vehicle:

Mine site: call the control room on channel 4.

Port road or Port: call the Hopper Crew on channel 3.

Contents

Get Help.....	2
Significant Aspects	2
Use Your EMS Tools.....	2
Waste Information System (WIS)	3
Segregate Waste	4
Recycling.....	5
Covered Dumpsters go to Incinerator.....	6
Open Dumpsters go to Landfill.....	7
Get Permission	8
Wildlife Policy.....	9
Wildlife Interactions.....	10
Respect Cultural Resources.....	11
Preventing and Responding to Spills.....	12
Report All Environmental Incidents.....	13
Online Environmental Resources at Red Dog	14
Project Manager/Contractor Information	15
Remember PIC	16
Beware of Rabies in Foxes.....	17

Significant Aspects

The significant environmental aspects of Red Dog Operations are:

- Discharges to water
- Emissions to air
- Land and wildlife disturbance
- Consumption of energy and materials
- Product and waste handling, storage and disposal

Use Your EMS Tools

Red Dog's Environmental Management System (EMS) is your tool for following through with our environmental commitments.

- **Day-to-Day:** Follow environmental operating procedures.
- **Doing Better:** Know your role in performance improvements set forth in our Environmental Management Plans (EMPs).
- **If Things Go Badly:** Report incidents and take corrective actions.

Waste Information System (WIS)

Access the WIS from the Rover website, (see page 14 for website address), go to Applications, click on Waste Information System.

The WIS includes:

The Waste Finder: searchable list of waste disposal procedures;

One-Page Guidelines: more in-depth discussion of common waste items;

SOPs: information on different categories of waste and disposal requirements;

Forms and Checklists: waste inspection forms, examples of correct labeling;

Accumulation Areas: searchable list of locations for collection of many wastes prior to disposal.

If you generate a waste and are unsure of how to dispose of it, look up the disposal method in the WIS or ask your supervisor.

If questions still exist, call Environmental.

Segregate Waste

In the PAC, the CC camp, Tent City and the Port PAC, look for centralized collection areas and never put these items in the trash:

- Aerosol cans
- Batteries
- E-waste

Medical waste: ask the mine or the port medic for biohazard containers for needles. Return the full container to the clinic.

Waste Accumulation Areas

Red Dog has over 80 accumulation areas at the Mine and the Port.

Many departments manage their own accumulation areas, they are all listed in the WIS, or ask your supervisor. Wastes that must be disposed of in an accumulation area are:

- | | |
|---------------------------------------|--|
| •Aerosol cans | •Lamps: broken, not broken, fluorescent, halogen, incandescent |
| •Batteries: lead acid, lithium, NiCad | •Mercury wastes |
| •Glycol | •Solvents |
| •Grease | •Various assay lab wastes |
| •Used oil | |

Recycling

Look for signs and receptacles in the PAC, Service Complex, Port, and CC camp for recyclables. In your work area, ask your supervisor (or check the WIS) if you are unsure how your department handles these items:

- Aluminum cans, plastic bottles
- Batteries
- Mill liners
- Office paper, newspaper, cardboard
- Printer and fax cartridges
- Pallets and crates
- Tires
- Used oil, solvents, antifreeze

Scrap metal: look for labeled dumpsters at:

- CC camp bullrail
- DD2 tent shop
- Heavy equipment bullrail
- Mill maintenance tent
- Mill weld shop

Big project with lots of scrap metal? Contact Container Management to get your own dumpster.

Covered Dumpsters go to Incinerator

- Wastes from these dumpsters are taken to the incinerator: Putrescible waste (i.e. leftover food, and food containers), oily wastes, and office waste baskets.
- Never place any food-related wastes in any open-topped dumpsters.

Locations of covered dumpsters:

- CC camp kitchen
- North side of heavy equipment shop
- Outside the powerhouse and maintenance weld and machine shops
- Port kitchen
- Port new camp
- Port dock
- Projects office

Open Dumpsters go to Landfill

- Solid, non-burnable wastes such as construction debris, old hardhats, and rubber boots.
- Bag loose items before putting into the uncovered dumpster.
- Never place food-related wastes or oily wastes in these dumpsters, check posted signs in area.

Locations of open dumpsters:

- | | |
|--|----------------------------|
| •6030 powerhouse | •Port mill wright shop |
| •Bucking room | •Port heavy equipment shop |
| •CC camp kitchen | •Port incinerator |
| •Cold storage | •Port dock (seasonally) |
| •Emulsion plant | •Projects (NCC) fab tent |
| •Lime slaker (2) | •Reagent building |
| •North side of heavy equipment shop (2) | •Tire tent |
| •North side of heavy equipment bullrail | •Warehouse |
| •Outside the powerhouse and maintenance weld and machine shops (2) | |

Get Permission

These activities require permits or special permission. Be sure you are authorized by the environmental department before you begin:

- Wetland or tundra disturbances of any kind.
- Driving off road (onto tundra).
- Pumping water from streams or gravel pits.
- Any modifications to water treatment that could affect discharge water quality.
- Modifications to drinking water systems at the Mine or the Port.
- Waste placement in landfills is by authorized personnel only, at the Mine and the Port.
- New chemicals brought to site must be approved through the GenCid purchase requisition process.
- Prior to creation of new waste streams.
- Activities that may produce excessive fugitive dust.
- Operating any new fuel burning equipment, mobile or stationery.

Wildlife Policy

Do Not Harass Wildlife

Never intentionally harm wildlife in any way. Harassing includes causing the animal to change direction of travel or trigger a change in behavior.

No Hunting, Fishing, or Trapping

(Catch & release fishing is allowed under certain conditions, contact Environmental if interested).

Never Feed Wildlife

This includes unintentional feeding by improperly managing your garbage, such as leaving vehicle windows open with food or food wrappers inside, placing food wastes in a pick-up bed, or placing food waste in an open dumpster.

Animals Have the Right-of-Way

If you encounter animals on the road, stop your vehicle until they move a safe distance away. If animals are within 300 feet of the road, reduce speed to ensure the animals are not frightened, stop vehicle if needed and wait for them to move further away.

Wildlife Interactions

Accidentally Striking an Animal

Tell your supervisor immediately. They will notify Environmental and Safety & Health. Do not touch injured or sick animals, they may have rabies.

Aggressive Animals

- Be aware, rabies in foxes is not uncommon, keep a safe distance from foxes and report any unusual behavior to Environmental.
- Bears, or other animals, in or around working and camp areas, must be reported to Environmental.

Animals Obstructing the Road

Call channel 3 on the radio, notify the Hopper Crew of the situation, they will:

- Alert other drivers of potential impacts.
- Coordinate with Environmental to manage animals.
- Keep you advised until the issue is resolved.

Migrating Caribou

If you encounter actively migrating caribou, stop your vehicle as soon as you site a crossing. Wait until the last caribou is at least 300 feet from the road before proceeding. If you are the first to site a crossing, notify the Hopper Crew on Channel 3, to alert other drivers. You must also complete a “Caribou Card” (ID#2274). Submit completed cards to Environmental.

Respect Cultural Resources

If you find a potential cultural, archaeological or historical site, leave it exactly the way you found it.

Immediately stop work (including spill response work), and tell your Supervisor, who will also promptly notify Environmental.

Stay at least 70 feet away from the area and leave equipment in place.

Items at such sites belong to NANA and/or are protected by federal and state laws. Penalties for “looting” or disturbing sites are severe.

For exploration or new projects, managers must consult Environmental for clearance during the planning phase of the project.

Preventing and Responding to Spills

Remain next to vehicle during entire fueling procedure, never leave the nozzle unattended.

When fueling equipment in the field, always use a duck pond beneath the nozzle.

Be prepared: make sure vehicle spill kits are fully stocked from the warehouse.

- Duffle bagS/C: 243407
- Duck pond S/C: 234137
- Haz-liquid (coolant, chemicals) absorbs—blue..... S/C: 107658
- Oil absorbs—white S/C: 13265
- Oily waste bagsS/C: 134226

Small spills can be cleaned up using absorbs and removing any contaminated soil.

Absorbs are bagged and taken to the incinerator. Prior to placing contaminated soil on the crusher pad, the mine shifter must be contacted for disposal instructions.

Report all spills: oil and glycol spills, chemical spills, process water or sewage spills, of any quantity, as well as any spills to secondary containment, to the Environmental Department Spill Reporting Officer (SRO) immediately.

Report All Environmental Incidents

Report all environmental incidents to your supervisor immediately.

This can include:

- Spills
- Injured animals, nuisance wildlife
- Wildlife entering the tailing storage facility, main pit reservoir or DD2 tailing storage area
- Improper disposal of food waste
- Mislabeled waste
- Black smoke from stacks
- Fugitive dust in excessive amounts
- Erosion and sediments entering waterways
- Not sure? Call Environmental

You will not be penalized for reporting an incident.

If you are reporting a spill and can't reach your supervisor promptly, dial:

- Spill reporting line, ext. 45367
- Call mill control room at 45222 or 911
- Radio mill control room on channel 4
- At the Port or on the Port road, contact Hopper Crew on channel 3

Supervisors are responsible for completing Supervisor Incident Reports (SIRs) by end of shift.

Online Environmental Resources at Red Dog

Rover

<https://reddog.teck.com/SitePages/Home.aspx>

SiteLine

<http://sitelinerdo/RDM?web=1>

Waste Information System (WIS)

<http://rdmwebp03/WISWebv2/SOPs.html>

SDS Web Services:

<https://www.3eonline.com/EeeOnlinePortal/DesktopDefault.aspx?tabid=90>

Qualtrax (document control)

<http://rdmwebp02.teckcominco.loc/>

Rover/Departments/Environmental

<https://reddog.teck.com/sites/Environmental/SitePages/Home.aspx>

Includes:

- Environmental Training Library
- Drain to Contain Secondary Containment Inventory
- Monthly SPCC Inspection Tracking

Project Manager/Contractor Information

Contractors are responsible for complying with all of Red Dog's environmental policies and practices.

All projects must submit the Contractor Environmental Requirements Program (ID#6203) for approval.

This checklist helps ensure all legal obligations have been met, including:

- ☐ Air quality aspects.
- ☐ Stormwater aspects.
- ☐ Any modifications to water treatment that could affect discharge water quality.
- ☐ Modifications to drinking water systems at the Mine or the Port.
- ☐ Petroleum management.
- ☐ Secondary containment and spill response.
- ☐ Chemical or other hazardous substances or products brought to site.
- ☐ Plan for waste management and disposal.
- ☐ Compliance tasks and responsibilities assigned.
- ☐ Incident reporting responsibilities.
- ☐ Environmental training requirements.
- ☐ Approval from the environmental department.

Remember PIC

Prevent

Reduce waste and prevent pollution.

Improve

Continual improvement of our environmental performance.

Comply

Comply with environmental laws, regulations, permit stipulations, and other environmental commitments.

Red Dog Operations is ISO14001:2015 Certified and meets international standards for environmental management.



Beware of Rabies in Foxes

Fox rabies is not always obvious.



Feeding foxes is against:

- NANA/Teck Agreement
- State Law,
- Teck Policy,

and exposes you to the threat of rabies.

Dispose of food wastes properly.

Call Environmental to report any fox in camp.

