

Waste Management Guidelines

1. Waste Minimization

- ✓ Minimize purchase of products with plastic, glass or other bulky packaging material.
- ✓ Buy durable products instead of disposable products.
- ✓ Get rid of unnecessary packaging material (especially plastic) before leaving for Antarctica.
- ✓ Substitute shredded paper, polystyrene chips, beads and other similar loose packaging material with bubble wrap, cardboard or paper.
- ✓ Buy products that easily can be re-used for other purposes.
- ✓ Use packaging material that can be re-used.
- ✓ Re-use products/material whenever this is practicable.

2. Waste Removal

- ✓ No waste is to be disposed of in Antarctica unless special permission has been granted.
- ✓ No open burning of waste is allowed.

3. Environmentally harmful products

- ✓ Polychlorinated biphenyls (PCB), non-sterile soil, polystyrene chips/beads and similar forms of packaging material, pesticides (except that which is necessary for research or medical/hygienic reasons) are not to be brought to Antarctica.
- ✓ The use of polyvinylchloride (PVC) products is highly discouraged.
- ✓ The introduction of non-native (non-indigenous) species of animals and plants (including seeds) and any non-native microorganisms (including viruses, bacteria, parasites, fungi and yeast) requires a special permit.
- ✓ Products and substances that have a potential harmful environmental effect should be treated with special attention so that no emission and dispersal occur.

4. Separation of waste

- ✓ Waste is to be separated into the following categories:

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|---------------|----------------------------------|
| BLUE | metal waste |
| GREEN | glass waste |
| ORANGE | mixed solid wastes |
| BLACK | sewage and food waste |
| BROWN | liquid kitchen waste/waste water |

4.1 Sewage

- ❖ Discharge of sewage is prohibited under all circumstances unless the project has been granted exemption.
- ❖ Under no circumstances must sewage or domestic liquid waste be disposed of in vegetated areas or in areas with discharge to fresh water.

4.2 Hazardous waste

- ❖ Different categories of hazardous wastes should never be mixed together in the same drum or crate.
- ❖ Oil-contaminated soil/water/fabric is to be stored in separate containers (labeled oil polluted soil/water/fabric).

4.3 Solids to be combusted

- ❖ No burning is allowed

4.4 Radioactive waste

- ❖ For both liquid and solid radioactive waste it is essential that the correct information is provided in the labeling of the containers.

