



HEALTH, SAFETY &
ENVIRONMENTAL MANUAL

4.4 Safe Work Practices – Environmental Procedures

Revision Number: **R0**

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SAFE WORK PRACTICES

Environmental Procedures

J-AAR strives to be an environmental steward and use 'green' solutions wherever and whenever possible. We respect responsible environmental policies and procedures and adhere to the rules of the owner, constructor and the MECP. We will continue to use preventative measures and controls to protect and preserve the natural environment whenever possible.

Worksites

J-AAR management will work in conjunction with client instructions, best practices and/or legislative requirements to identify potential hazards that may impact the environment and possible controls to mitigate those hazards. Typical examples include:

ADVERSE EFFECT

Runoff from sites into waterways, creeks, sensitive areas

Pollution, waste

Chemicals, hazardous spills

Equipment fuels/oils/grease contamination

Trees and vegetation damaged

Dust

Pumping/dewatering not allowed, pumping into wrong location

CONTROLS

Silt fence/bags, straw bales, site drainage/swales, slope stabilization

Proper waste collection and disposal, recycling, housekeeping

Spill kits, employee training, SDS's, proper chemical storage

Technicians for servicing, waste oils pumped into trucks and removed from site, trained fuel delivery service, small oil/grease quantity storage onsite

Removals only as per site specific documents, protected areas fenced or delineated



Water applied as required

Pumping to be controlled through permits and/or site-specific procedures

Pumping / Dewatering

It is extremely important that water is only pumped at a worksite if it is allowed. There are very strict Ministry of the Environment, Conservation and Parks (MECP) regulations regarding pumping and taking of water.

There may be an MECP permit issued or an online registration completed for the taking or pumping of water. The procedures in either of them must be strictly followed.

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SAFE WORK PRACTICES

The supervisor is responsible to confirm:

- a permit is valid and present at the worksite if required;
- compliance with all items listed on the permit or registration. This may include amount of water allowed to be pumped in one day, times of day pumping is allowed, where water may be pumped to, when permit expires etc.

If there is no permit issued or no registration completed, pumping water may not be allowed depending on the project. The supervisor must contact the project manager or management for clarification.

Always check for proper procedures if you need to pump or take water.

Some issues that typically arise are:

- pumping into sewers (sanitary or storm)
- pumping offsite
- pumping more than the allowable litres per day

PLEASE NOTE: If water is to be pumped into a storm system, protection and/or filtering measures **MUST** be in place before entry into the storm system. Although protection might be provided at the outlet, it is also required before the water enters the system.

Excess Soils Management

As per Ontario Regulations legislated by the MECP, excess soils imported into J-AAR surface mines for reuse or rehabilitation must be tested, managed, and documented according to certain requirements. Please see the company “Fill Management Plan” (separate document) for all information and instruction pertaining to excess soil.