

EMS OP02: Drainage System

Version 1 No:	Owner: Operations Manager
Issue Date: 20 February 2022	

INTRODUCTION

This procedure describes the method by which I'Anson Bros Ltd will maintain site drainage system in such a way as to prevent the:

- Entry of any polluting substances to surface water.
- Unconsented entry to foul sewer of polluting substances.
- Leakage of polluted water to ground.

REFERENCES

This is a Procedure which is implemented by local Site Procedures & Work Instructions

RESPONSIBILITY

The Operations Manager is responsible for this procedure and its communication to the Production Manager. The Production Manager is responsible for its implementation on site.

HAZARDS

The discharge of any substance other than clean rainwater to surface waters is against the law.

It is also unlawful to discharge effluent (e.g. vehicle washing) to foul sewer without a consent from the relevant water authority. If you are in any doubt as to whether you need consent then contact your water authority to discuss.

Damaged drainage or interceptors can lead to the leakage of effluent into the ground. This could lead to contamination of soils and pollutants may migrate through the soil to pollute groundwater.

ACTIONS

These will be identified by Work Instructions held on site which will incorporate the following points.

Site Drainage

1. The Production Manager will ensure that a site drainage plan is available for the site and that it is up to date. Oil interceptors and outfalls to surface water are marked on this plan.
2. Drain gullies and manholes should be colour-coded on site to enable easy identification of surface (blue) and which are foul (red) drains
3. As a minimum, annual checks of the surface water drainage system must be carried out. This will be done by inspecting at the point closest to where the surface water drain leaves the site or the final outfall to surface waters during a period of rainfall. Checks will be conducted to see if water is passing through the sewer or is coming out of the outfall (if not then the drainage system maybe leaking or blocked) and that the

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water appears to be free from pollution. Any issues must be reported to the EMS Co-ordinator & Production Manager. If the water appears to be contaminated they must contact the Environment Agency.

4. As a minimum, annual checks of the foul sewer drainage systems must be carried out. This will be done by inspecting at the point closest to where the sewer leaves the site. Checks will be conducted to see that effluent is passing through the drain (if not then the drainage system maybe leaking or blocked). Any suspected leakage or damage must be reported to the EMS Co-ordinator & Production Manager.

Interceptors (also referred to as separators)

1. Access to interceptors must be clear at all times and should be checked regularly to ensure nothing is obstructing access.
2. All interceptors will be checked at least every six months to see if they need emptying or repair.
3. If the interceptor is full and needs emptying then a suitably licensed waste contractor will be used. A copy of their licence will be obtained and kept on file.
4. When the interceptor is emptied a waste transfer note is obtained and retained for 3 years as interceptor waste is classified as special/hazardous waste. See operational procedure relating to waste management – EMS OP03.

Documentation

1. Ensure that all checks referred to above are documented.

LEGISLATION

Details of the legislation relating to this procedure are contained in the Register of Legislation (Legislation Register) held **on the computer system**.

OTHER USEFUL REFERENCES

Environment Agency Pollution Prevention Guidance (PPG) Notes
PPG03 – Use and Design of Oil Separators in Surface Water Drainage Systems