

Soil Treatment UK Limited

# Surface Water Management Plan

Soil Treatment UK Limited  
Finmere Quarry and Landfill Site,  
Banbury Road,  
Finmere,  
Oxfordshire,  
MK18 4AJ



PROVIDING SOLUTIONS, ENSURING COMPLIANCE

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## Document Control Table

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## Change Log

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1	Original Surface Water Management Plan	Emma Gibson	Tracey Westbury	26 October 2023



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## 1. Introduction

- 1.1. This Surface Water Management Plan has been produced by Westbury Environmental Limited on behalf of Soil Treatment UK Limited (the Operator) at Finmere Quarry and Landfill, Banbury Road, Finmere, Oxfordshire, MK18 4AJ. The site is defined as the area within the proposed permit boundary denoted by the green line, see Drawing No. 23/009c 001 Permit Boundary Plan V1 (Site).
- 1.2. Soil Treatment UK Limited operate a waste treatment facility, accepting hazardous and non-hazardous construction / demolition waste.
- 1.3. Waste treatment operations are carried out on impermeable surfacing with sealed drainage. Hazardous waste is stored on impermeable surfacing and non-hazardous waste is stored on hardstanding.
- 1.4. This Surface Water Management Plan outlines how surface water on the Site is managed.
- 1.5. Surface water is defined as either controlled or uncontrolled:
  - Uncontrolled water is water which has not come into contact with waste and is not considered contaminated e.g., rain from the roof of onsite buildings and offices.
  - Controlled water is considered to be potentially contaminated as it has been in contact with waste stored on Site.



## **2. Controlled Surface Water**

### **Waste Treatment Area**

- 2.1. Surface water run-off from the waste treatment area is considered to be a controlled water as it will have been in contact with the waste.
- 2.2. Contaminated surface water run-off will be channelled into interceptors. These interceptors are designed to remove oil and sediment from the water before discharge of the water into a water treatment tank.
- 2.3. Once surface water has entered the Water Treatment Tank flocculant is automatically dosed into the tank, causing the suspended solids to sediment out of solution.
- 2.4. After the water has been treated, it is transferred to the Clean Water Tank before being recirculated through the wash plant.

### **Compost Like Outcome (CLO) bays**

- 2.5. CLO is produced in the northern area of the Site boundary. The CLO bays have their own drainage system. Water will drain into a blind sump that will either be tankered off site to a suitably licenced facility or pumped out for dust suppression / dampening of compost piles.

### **Non-Hazardous Waste and Product Storage**

- 2.6. Non-hazardous waste and product will be stored separately to the hazardous waste and waste treatment area. Non-hazardous waste and product will be stored on hardstanding and therefore water that has been in contact with the waste will percolate through the ground.

### **Hazardous Waste Storage**

- 2.7. Hazardous waste will be stored within the waste treatment area on impermeable surfacing. Surface water is contained within this area by kerbing surrounding the treatment area. This water is directed into the interceptors and treated within the water treatment plant to separate any contaminants prior to being recirculated through the wash plant.



### **3. Uncontrolled Surface Water**

- 3.1. The only uncontrolled surface water on the Site will be from the area where the office buildings are (Site office and lab).
- 3.2. Water from the roof of any buildings will not have any drainage and will be on impermeable surfacing.



## Drawings

Drawing No. 23/009c 001

Permit Boundary Plan V1