

STORM WATER MANAGEMENT PROCEDURE

OHSaES 7.8.1.10P

1. PURPOSE

This procedure describes the overall requirements for storm water management as part of **Supreme Poultry (Pty) Ltd - Mahikeng Processing Plant** EMS requirements to ensure adequate control of storm water management.

2. SCOPE

2.1 This procedure applies to the whole of the **Supreme Poultry (Pty) Ltd - Mahikeng Processing Plant** site, including contractors and visitors.

2.2 The procedure will discuss the following:

2.2.1 Abbreviations

2.2.2 Reference documents

2.2.3 Responsibility

2.2.4 Procedure

2.2.5 Documentation and Records

2.2.6 General

3. ABBREVIATIONS

3.1	OHSaES	-	Occupational Health, Safety and Environmental System
3.2	SANS	-	South Africa National Standard
3.3	EMR	-	Environmental Management Representative
3.4	EMS	-	Environmental Management System
3.5	SHE	-	Safety, Health & Environmental
3.6	HCA	-	Hazardous chemical agents
3.7	HOD's	-	Head of Departments
3.8	DWS	-	Department of water and sanitation
3.9	READ	-	Department of Rural, Environment and Agricultural Development

4. REFERENCE DOCUMENTS

4.1 OHSaES Module 7: Operational planning and Control.

4.2 Local Municipality by-laws.

STORM WATER MANAGEMENT PROCEDURE

OHSaES 7.8.1.10P

4.3. SANS 10400:1990, Part R.

5. RESPONSIBILITY

5.1 Environmental Management Representative (General Manager / SHE Officer)

5.1.1 The EMR shall work with the EMS Committee to define the requirements and evaluation of compliance, and have the overall responsibility for ensuring that the requirements of this procedure are implemented.

5.2 Other Manager's / HOD's & Supervisors

5.2.1 The other department managers, HOD's & Supervisors shall ensure that the requirements of this procedure are adhered to and executed as prescribed and that all non-conformities are reported to the SHE Officer & General Manager.

5.3 Quality report

5.2.1 The quality department will be responsible the water testing by accredited laboratory:

5.2.1.1 Effluent water testing monthly

5.2.1.2 Storm water testing 1st rains of summer months Nov – Feb each year – one test to be done at storm drain exit from the site




6. PROCEDURE

- 6.1 Suitable means for the control and disposal of storm water must be provided and maintained.
- 6.2 Storm water drains must be fitted with a grid to serve as a screen to filter any domestic waste debris such as papers, plastic, carton from entering the storm water system. These grids to be cleaned on a monthly basis and waste removed from it must be disposed separately.
- 6.4 In areas close to HCA, flammable substances and lubricants storage facilities, a separator system must be provided to filter the HCA, flammable substances and lubricants from entering the storm water system and to allow for separate disposal of such HCA, flammable substances and lubricants.
- 6.5 Storm water systems must also be effectively separated from any effluent and sewage systems to prevent accidental discharge of effluent or sewage waste into the storm water system.
- 6.6 Under no circumstances will any substance or effluent be disposed into a storm water drain / system. This includes any contaminated water as a result of cleaning activities. Such contaminated water must be disposed in the most appropriate manner, depending of the source of contamination.
- 6.7 Run-off water from soil areas must be controlled by means of traverses or trenches as to prevent soil erosion and the blocking of drains with soil sediment.

STORM WATER MANAGEMENT PROCEDURE

OHSaES 7.8.1.10P

- 6.8 Annually test storm water quality by accredited laboratory. This result can or maybe provided to official of DWS or READ.
- 6.9 Local by-laws to be obtained and managed with regards to storm water management.
- 6.10 The following colour coding to be used to indicate the following (non-drinkable water):

Sno	Colour code	Description
01		Industrial water (Effluent)
02		Storm water
03		Sewerage

- 6.11 The above colour coding to be indicated on the lid or drain cover and direction of flow to be clearly visible – no standard size of the colour coding – only needs to be clearly identifiable.

7. DOCUMENTATION AND RECORDS

- 7.1 All drains, gutters and trenches will be inspected at monthly intervals and findings recorded on OHSaES 7.8.1.5.R.
- 7.2 Monthly water testing of effluent water.
- 7.3 Annual storm water testing between Nov – Feb each year
- 7.4 Records to be kept for period of 3 years

STORM WATER MANAGEMENT PROCEDURE

OHSaES 7.8.1.10P

8. GENERAL

- 8.1 Anybody noticing / observing any damages or deformation of any storm water drains or system must report it immediately to the SHE Coordinator
- 8.2 Changes to procedure will be recorded on a change control sheet (**Appendix A**).

Compile by: Gerrit van Wyk

Dated: 19 July 2021



(G VAN WYK)

PHAKAMILE RISK CONSULTANTS

Approved by: Thomas van Wyngaard

Dated: 5/8/21



(T VAN WYNGAARD)

SUPREME POULTRY (PTY) LTD: MAHIKENG PROCESSING PLANT
GENERAL MANAGER

APPENDIX A

CONTROL SHEET FOR UPGRADING OF SHE PROCEDURE AND RECORDS

Date	Nature of change	Page reviewed	Name of reviewer	Signature

STORM WATER MANAGEMENT PROCEDURE

OHSaES 7.8.1.10P
