













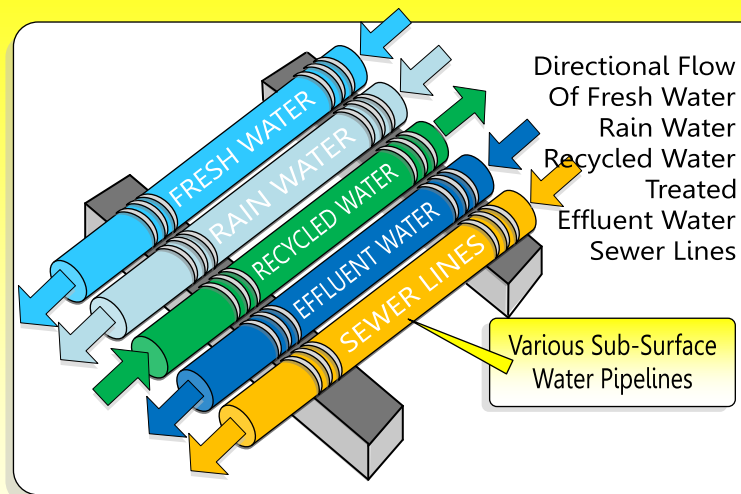
**KWA JUSTICE FOODS (PTY) LTD**

**SOUTH AFRICA**

# AGRI-PROJECT > 2017

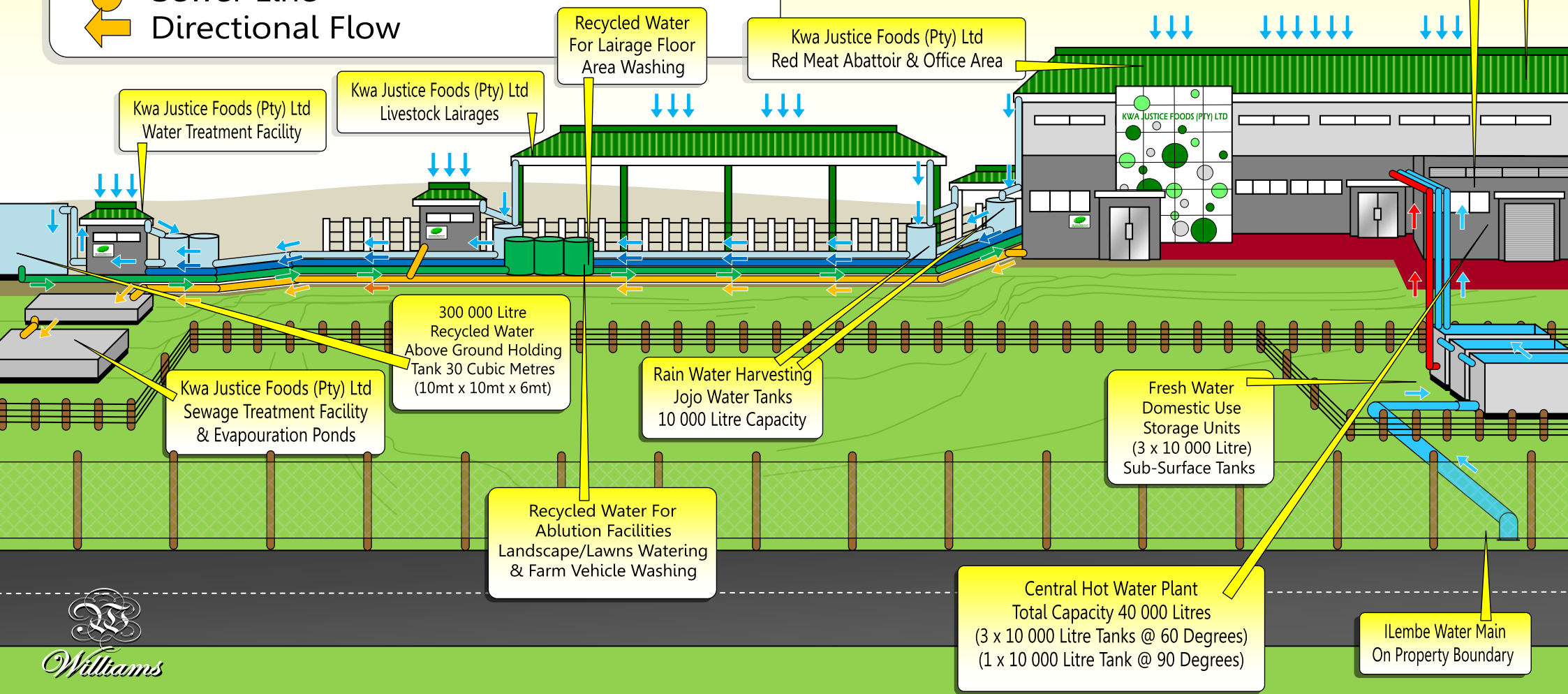
red meat abattoir and meat processing facility > water process and treatment report

-  Fresh Water
-  Directional Flow
-  Rain Water
-  Directional Flow of Rain Water
-  Recycled Water
-  Directional Flow of Recycled Water
-  Treated Effluent Water
-  Directional Flow of Treated Water
-  Sewer Line
-  Directional Flow



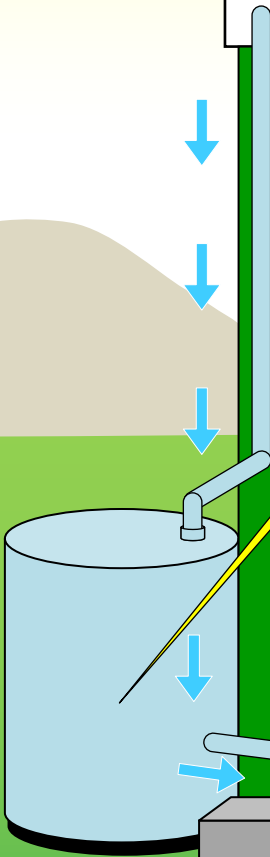
Kwa Justice Foods (Pty) Ltd  
Meat Processing Facility

Back-up Generator  
500 kva Capacity  
Concealed Unit  
(1100 litre Diesel Tank)





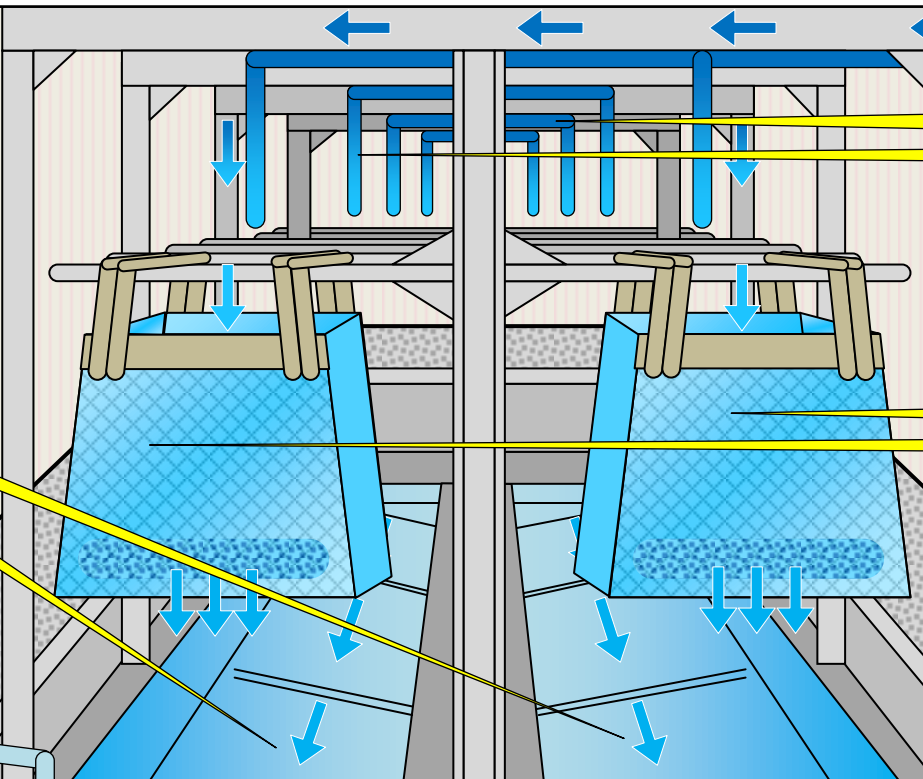
Kwa Justice Foods (Pty) Ltd  
Effluent Water Treatment Facility  
Filtration & Chemical Dosage



Rain Water Harvesting  
Jojo Water Tanks  
10 000 Litre Capacity

Clean Recycled  
Water Catchment  
Drip Tray Area

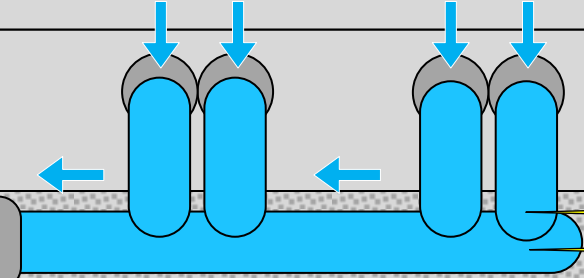
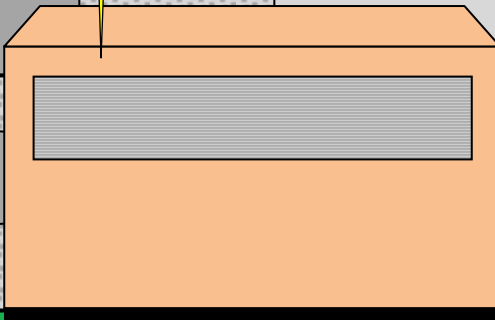
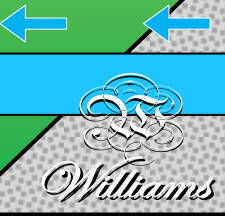
Consealed Water  
Purifier & Chemical  
Dosage Unit  
1000 Litre  
Exchangable Tank



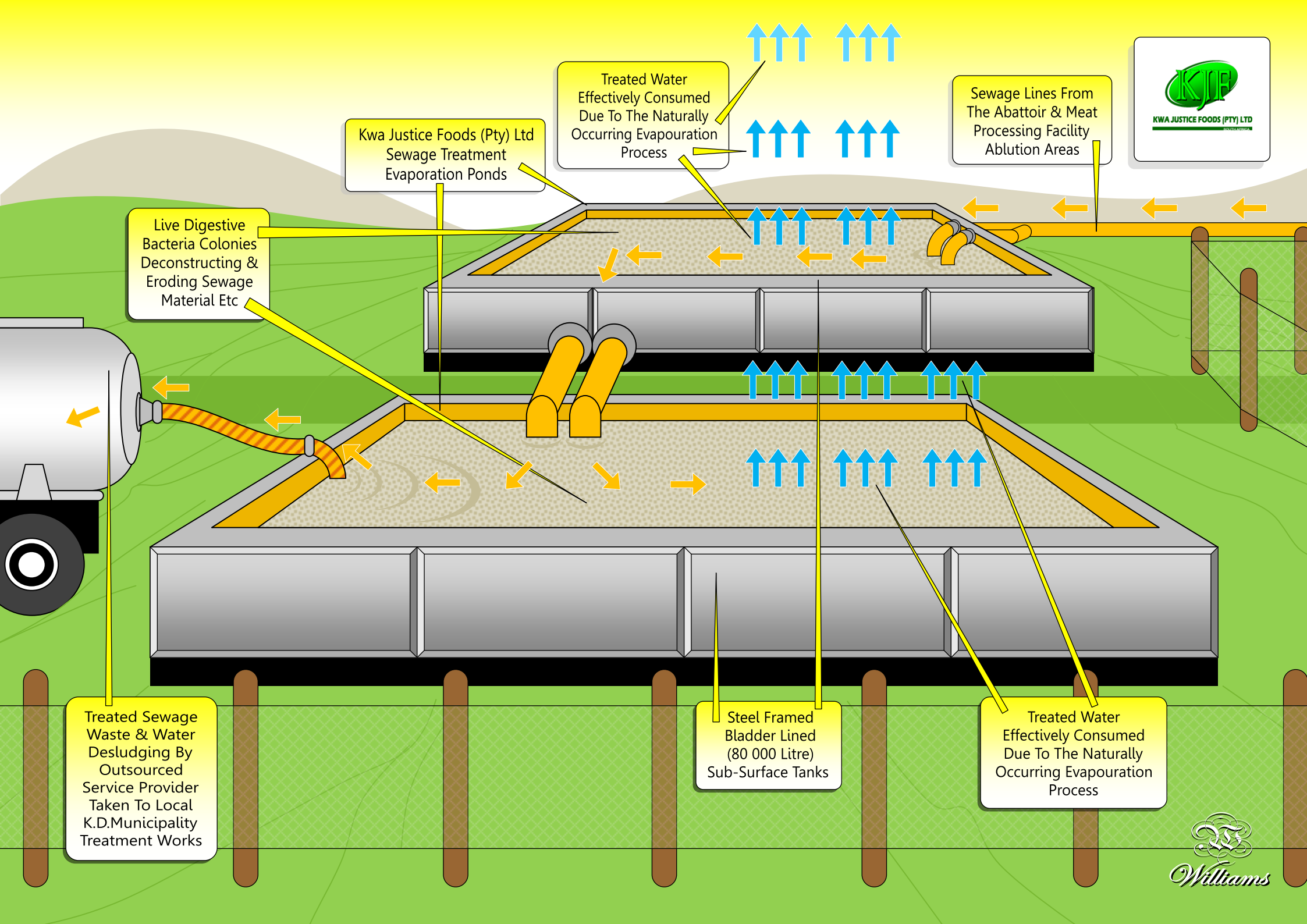
Active Bacteria Colonies  
Living in The Effluent  
Water Pipes Complety  
Consume All Blood & Fat  
Particles Etc, in The  
Water, Leaving it Clean

Geo Filtration Bags  
Suspended On Rail  
Drip Treatment System  
1000 Litre Capacity  
Per Cycle

Treated Effluent Water  
Pipeline From The Abattoir  
& Processing Facility



Clean Recycled Water  
On Route To Water  
Purifier/Chemical Dosage Plant  
Then Onto Holding Tank  
(300 000 Litre Capacity)



Kwa Justice Foods (Pty) Ltd  
Sewage Treatment  
Evaporation Ponds

Treated Water  
Effectively Consumed  
Due To The Naturally  
Occurring Evaporation  
Process

Sewage Lines From  
The Abattoir & Meat  
Processing Facility  
Ablution Areas

Live Digestive  
Bacteria Colonies  
Deconstructing &  
Eroding Sewage  
Material Etc

Treated Sewage  
Waste & Water  
Desludging By  
Outsourced  
Service Provider  
Taken To Local  
K.D.Municipality  
Treatment Works

Steel Framed  
Bladder Lined  
(80 000 Litre)  
Sub-Surface Tanks

Treated Water  
Effectively Consumed  
Due To The Naturally  
Occurring Evaporation  
Process



Central Hot Water Plant  
Located In Plant Room  
Sub Surface Tanks  
Total Capacity 40 000 Litres  
(3 x 10 000 Litre Tanks @ 60 Degrees)  
(1 x 10 000 Litre Tank @ 90 Degrees)

Kwa Justice Foods (Pty) Ltd  
Fire Fighting Water System  
Contained In Bottom  
Storage Of Fresh Cold  
Water Sub Surface Tanks

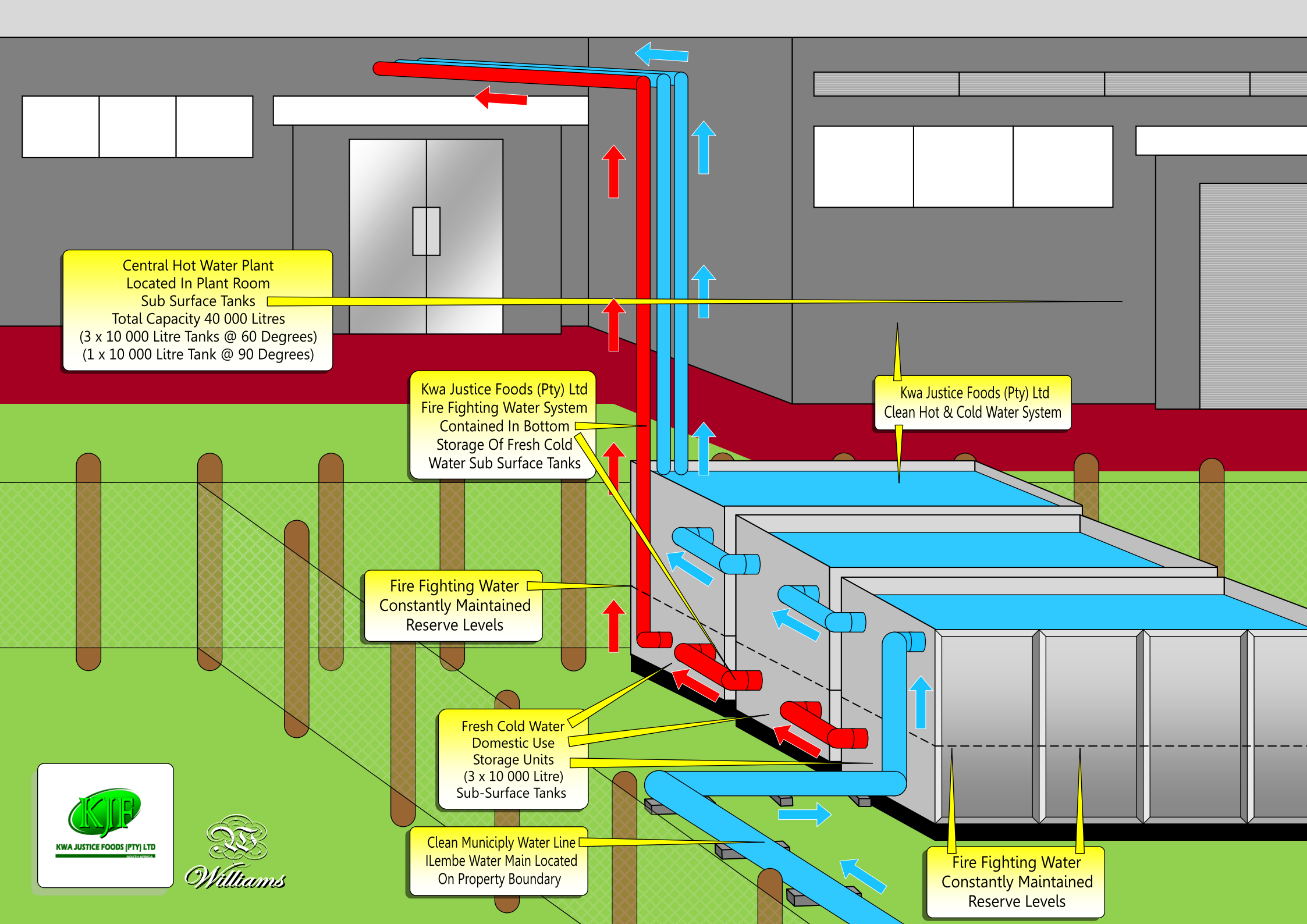
Kwa Justice Foods (Pty) Ltd  
Clean Hot & Cold Water System

Fire Fighting Water  
Constantly Maintained  
Reserve Levels

Fresh Cold Water  
Domestic Use  
Storage Units  
(3 x 10 000 Litre)  
Sub-Surface Tanks

Clean Municipality Water Line  
Ilembe Water Main Located  
On Property Boundary

Fire Fighting Water  
Constantly Maintained  
Reserve Levels



PROPOSED DEVELOPMENT SITE

ERF FARM 000 00 2618 000 018 0000

LOT NO. 36A > NO. 2618 PORTION 18

NONOTI > KWA DUKUZA

ILEMBE REGION

KWA ZULU NATAL

SOUTH AFRICA



**KWA JUSTICE FOODS (PTY) LTD**

**SOUTH AFRICA**

*Organic as nature intended!*

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