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Quarryville's Sand & Gravel Quarry

A **Topsoil drill** used to clear the grass and loose earth from the surface before excavation starts.

The **Cement mixing plant** produces ready-mixed concrete.

The **Dump truck** uses a big shovel to move sand and gravel around.

Lorries drive onto the **Weighbridge** to be weighed when they enter the quarry and again before they leave. Sally Stone, the weighbridge operator, knows the difference in weight which tells her how much material has been loaded.

The **Primary (first) Screen and Washer Barrel** separate the sand and gravel into different sizes – they're most like a sieve and the inside of a washing machine from your kitchen.

A **Hopper** is where the shovel dumps the sand and gravel at the beginning of the conveyor belt.

40mm, 20mm and 10mm material is separated at the **Secondary Screen**.

The **Gravel stockpile** where the gravel is kept after being screened by the Crushers.

Restored Land is land that's already been quarried and is now being farmed again.

The **Excavator** is used almost every day of the year, though not always on Sundays

Concrete Mixers are really big lorries that deliver cement to local building sites.

We test sand and gravel samples in the **Laboratory** because customers need to know the exact composition of the material they're buying.

This is a sand and gravel pit – so, most of the rocks in its **Rock Piles** are sedimentary.