

Recycled water redirection

Richard Kelly | 31 Oct 2022 | ID311

📌 Idea of the Month Competition Nominees

✅ Closed with success by Richard Kelly

Approver: Richard Kelly

Implementation coordinator: Richard Kelly

Plan: Quick Wins

Classes: Employee Engagement + Environmental + Health & Safety

Problem, context, environment, status

The area where the driver used to wash out via a Swan neck which was fed from the wash pit was not ideal. On numerous occasions the swan would be damaged and the ground condition out of hours had not been ideal for drivers to use. It was decided to remove the risk of impact damage and improve slip trips and fall hazards by eliminating the task from that area.

Resources: [Swan Neck](#)



Swan Neck

Description of the initiative

The swan neck was removed, and a new simple system put in place. Recycled water is now fed directly to the mixer hopper via a pump. The insulation of a mixer wash pump panel and integrated timer has now been installed allowing drivers to washout on late returns to plant. This system improves the risk of slips trips and falls as the loading head ground condition are free from wash water / flood water etc.

Resources: [Pump Wash out panel](#), [Pump system](#)



Pump Wash out panel



Pump system

Expected benefits

Improved water Management, Reduced risk of slips trips and Falls,