

NEXY Basin is located at the intersection of Short and Womma Roads.

The final project that was delivered as part of Waterproofing Playford was the NEXY Basin Project. This consisted of a Managed Aquifer Recharge (MAR) Mechanical Filtration plant that will cleanse and treat 30L/s of raw stormwater from Smith Creek and harvest around 200ML annually

Stormwater is diverted from Smith Creek, stored and captured in a purpose built harvesting basin and then pumped through a mechanical filtration treatment train prior to injection into a Managed Aquifer Recharge Tertiary 2 well.



The City of Playford have since incorporated a harvesting basin on the western end of the 'borrow pit'.

The NEXY Basin has a wetland area of 7000m² and a total annual stormwater harvest of 100ML

The scheme also allows for extraction to occur during the summer periods.

This stage of the project is to modify the existing borrow pit to form a detention basin for flood attenuation purposes.

The site was previously the 'borrow pit' for stormwater management during the construction of the Northern Expressway (NEXY). The Department of Planning, Transport and Infrastructure (DPTI) excavated a large 'borrow pit' at the intersection of Short Road and Womma Road.

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WATERPROOFING PLAYFORD