

St Marys Advanced Water Treatment Plant



August Pollution Monitoring Summary

EPL 13210

Summary period: 01-08-2021 to 31-08-2021

Date obtained: 25-08-2021

Date published: 27-08-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PRHTRW	Point description: The discharge channel from Penrith STP					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
chlorine (total residual)	mg/L	every 6 days during discharge	0	-	-	-

EPA Point 2 Site code SMHTRW	Point description: Highly treated recycled water balance tank					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
conductivity	uS/cm	every 6 days during discharge	0	-	-	-
nitrogen (ammonia)	mg/L	every 6 days during discharge	0	-	-	-
nitrogen (total)	mg/L	every 6 days during discharge	0	-	-	-
phosphorus (total)	mg/L	every 6 days during discharge	0	-	-	-

Average and percentile limits are only applied annually for routine monitoring data in Table 1.

As per clause M2.2 under EPL 13210, collection of samples from PRHTRW and SMHTRW are required when recycled water is discharged from EPA Points 1 and 2 respectively. There was no discharge from EPA Points 1 and 2 during the August monitoring period as the St Marys AWTP was offline.

St Marys Advanced Water Treatment Plant



July Pollution Monitoring Summary

EPL 13210

Summary period: 01-07-2021 to 31-07-2021

Date obtained: 13-08-2021

Date published: 18-08-2021

Licensee: Sydney Water Corporation

PO Box 399

PARRAMATTA NSW 2124

Table 1: Routine monitoring data

EPA Point 1 Site code PRHTRW	Point description: The discharge channel from Penrith STP					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
chlorine (total residual)	mg/L	every 6 days during discharge	0	-	-	-

EPA Point 2 Site code SMHTRW	Point description: Highly treated recycled water balance tank					
pollutant	unit of measure	sampling frequency	number of samples	minimum result	mean result	maximum result
conductivity	uS/cm	every 6 days during discharge	0	-	-	-
nitrogen (ammonia)	mg/L	every 6 days during discharge	0	-	-	-
nitrogen (total)	mg/L	every 6 days during discharge	0	-	-	-
phosphorus (total)	mg/L	every 6 days during discharge	0	-	-	-

Average and percentile limits are only applied annually for routine monitoring data in Table 1.

As per clause M2.2 under EPL 13210, collection of samples from PRHTRW and SMHTRW are required when recycled water is discharged from EPA Points 1 and 2 respectively. There was no discharge from EPA Points 1 and 2 during the July monitoring period as the St Marys AWTP was offline.