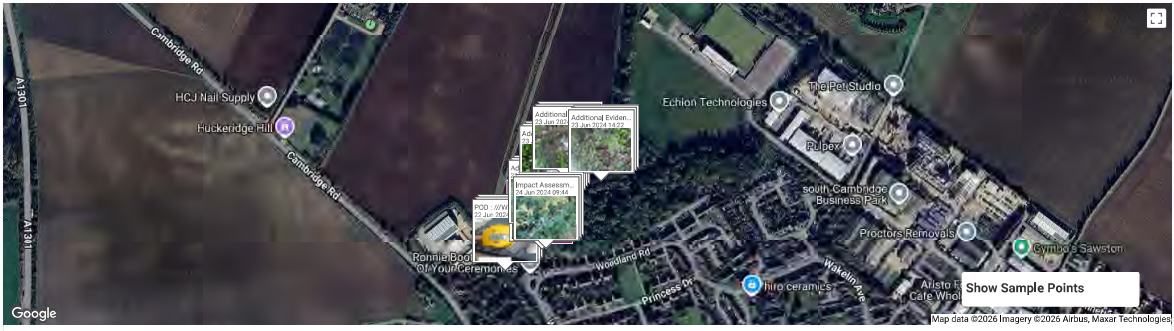

64469790

Sawston-No 2 Deal Farm Tps, Sawston, Sawston, Cambridge, CB2 4DG

Event summary

NIRS
2278472

AW Observed Time
22 Jun 2024 15:52

Informed by
Anglian Water

Location

Address
Sawston-No 2 Deal Farm Tps, Sawston, Sawston, Cambridge, CB2 4DG

Asset type
Non-Infra

Description

Following our report to the Environment Agency, here is further detail on this event.
Due to an electrical failure crude screened sewage was discharged to the ditch via emergency overflow. Following a quick response and resolution to the issue the discharge was stopped in under 1hour, over which period the discharge was slow. The short timeframe was witnessed by Anglian Water and verified by remote telemetry.

The ditch impacted is under 25cm in depth and Under 1m wide. At the time of the discharge, the flow was slow. The discharge led to 250m-500m of impact, with no visual impact. The maximum ammonia field reading was 9.99 was taken from a pooled area as the watercourse arced 90 degrees at 250m D/S on 22/06/2024 at 18:00. Heath and Safety risks and restricted access limited our ability to capture evidence between 250m and 600m. At 600m the ammonia field reading was 0.15mg/l at 19:56 on 22/06/2024.

Key Events :
Attendance time: 22/06/2024 15:45
Discharge started: 22/06/2024 14:49
Discharge stopped: 22/06/2024 15:48
EA Informed: 22/06/2024 19:15

Additional Sample readings in the preceding days:
600m = 0.03mg/l 13:46 23/06/24
600m = 0.88mg/l 08:56 24/06/24
600m = 0.00mg/l 11:19 26/06/24

Location, times and additional readings can be seen in the attached photos from the Impact Assessment as the discharge was managed.

The asset which caused the discharge was a pumping station, the root cause of the discharge was an electrical failure.

Filter

Date/Time	Location Type	Distance	Type	Reading
23-06-2024 | 13:59 PM	Point Of Entry	0	Ammonia	0
23-06-2024 | 14:05 PM	Downstream	25	Ammonia	0.95
23-06-2024 | 14:11 PM	Downstream	50	Ammonia	0.11
23-06-2024 | 14:17 PM	Downstream	200	Ammonia	0
23-06-2024 | 14:23 PM	Downstream	200	Ammonia	0.03
23-06-2024 | 14:25 PM	Downstream	600	Ammonia	0
24-06-2024 | 09:46 AM	Point Of Entry	0	Ammonia	0
24-06-2024 | 09:46 AM	Point Of Entry	0	Ammonia	0.13
24-06-2024 | 09:46 AM	Point Of Entry	0	Ammonia	0.88
26-06-2024 | 10:14 AM	Downstream	300	Ammonia	0
26-06-2024 | 10:41 AM	Point Of Entry	0	Ammonia	0
28-06-2024 | 11:11 AM	Downstream	300	Ammonia	0
28-06-2024 | 11:25 AM	Downstream	600	Ammonia	0