

Open Report on behalf of Anglian Water Services

Report to:	Environmental Scrutiny Committee
Date:	03 March 2017
Subject:	Water Recycling Centres Update

Summary:

This report provides a summary of the situation regarding odours from the Spalding and Ingoldmells Water Recycling Centres (previously Sewage Treatment Works).

Actions Required:

Members of the Environmental Scrutiny Committee are invited to consider and comment on the report.

1. Background

Spalding

Odour Issues

At the December Scrutiny meeting members remarked that they had detected odours in the days previous to the meeting when passing the Household Waste Recycling Centre which is adjacent to Spalding Water Recycling Centre (WRC) on West Marsh Rd.

Our investigations have shown that the odour suppression units and chemical dosing was all operating correctly at this time. Our sampling programme of the Spalding sewerage network and at the WRC shows higher strength crude sewage during this period, we believe this is due to increase production from surrounding food processing companies in the period leading up to Christmas. To reduce the impact of this seasonal change we are adjusting our chemical dosing profiles to match the changes in sewage strength.

Since the last meeting there have been no further complaints relating to odours in the Spalding area. We work very hard to reduce the odours from our plants and apologies for any inconvenience caused but it is inevitable that some odours will be released from time to time.

Water Recycling Centre Update

We have continued mixing iron rich sludge from other Water Recycling Centres with the sludge produced on site at Spalding. The odour suppression units and chemical dosing are all working correctly helping to reduce odours from this site.

Sewer Network Update

We continue to use nitrate dosing in the sewer network and this has proved very successful in reducing septicity in our networks. The chemical dosing plants we have in place at various pumping stations around the Spalding area are continually monitored and optimised to allow for variations in strength of trade discharges.

Ingoldmells

Odour Issues

Since the last Scrutiny meeting in December we have received two odour complaints in the Ingoldmells area. Both complaints were reported retrospectively, weeks after the time of occurrence and were described as occurring 'During windy weather and high rain' by the complainant.

Our investigation show the wind direction at the time of the complaints was north-easterly, meaning the complainant was up wind of our Water Recycling Centre. It is essential Anglian Water are made aware of any odour issues as they occur so appropriate investigation can be undertaken to understand the root cause.

Community Engagement

On the 6th February we hosted the local resident odour liaison group meeting in Ingoldmells village. This meeting was attended by local residents, Parish Councillors and had representation from Steve Ross, Environmental Protection Officer for East Lindsey District Council. The group was updated on all the activities undertaken by Anglian Water and reviewed the two odour related complaints received in the previous six months.

The attendees were happy and agreed there had been a good improvement with little or no odour issues occurring in the previous six months.

It is very important to Anglian Water that we maintain this good performance and will continue to work and engage with the local community to ensure future issues are understood and acted upon as soon as possible. A further liaison has been arranged in August 2017.

2. Conclusion

This report provides a summary of the issues and the progress made to date to solve the odour problems at the Spalding and Ingoldmells sites.

3. Consultation

a) Have Risks and Impact Analysis been carried out?

N/A

b) Risks and Impact Analysis

N/A

4. Background Papers

No background papers within Section 100D of the Local Government Act 1972 were used in the preparation of this report.

This report was written by Brian Kane Regional Treatment Manager (Anglian Water Services).

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