



Putting Suffolk's waste to good use

Suffolk EfW Community Liaison Group - Minutes

Suffolk energy-from-waste facility board room
Tuesday 06 December 2018 – 6:30pm

Attendance:

Cllr Roy Barker, Mid Suffolk District Council, Chair
Penny Pearson, Somersham resident
Widge Bowman, Great Blakenham Parish Council
Trevor Messenger, Needham Market resident
Chris Studd, Claydon Parish Council
Tony Adams, Barham resident

Observers:

Jane Hughes, Suffolk County Council
Claire Davies, SUEZ
Adrian Sherman, Environment Agency

Apologies

John Field, Gipping Valley County Councillor
Matthew Hicks, Suffolk County Council
David Welham, Claydon resident
John Blackmore, Bentley resident
Graham Blair, Great Blakenham resident
Marion Little, local resident
Paul Leighton, SUEZ

Discussion	Action
<p>Welcome & Minutes Apologies received from John Field, Matthew Hicks, David Welham, John Blackmore, Graham Blair, Marion Little and Paul Leighton.</p> <p>Minutes silence held for Michael Blakenham Michael was very humble man who was one of the first members of the community liaison group. The group took a minute to reflect on his passing earlier this year.</p> <p>Review of last minutes and actions: The minutes were approved as an accurate record of the meeting.</p> <p>Update on actions:</p> <p>Annual Report – Claire gave each of the members a printed copy of the 2016 annual report. Updated that the 2017 annual report will be ready later this year.</p> <p>Site update</p> <p>Performance</p> <p>The availability of the plant has been very good in the first two months of the year. January line 1, 92.98% and line 2, 99.86% February line 1, 100% and line 2, 99.84%</p> <p>The reduced availability on line 1 was due to a fire under the grate. This did not cause excessive damage but led to 42 hours of shut down.</p> <p>From 28 February till 03 March, Suffolk saw adverse weather conditions leading to bins being unable to be collected. This saw a reduction in the amount of waste in the pit that meant line one had to stop feeding waste for a 14 hour period.</p> <p>Questions</p> <p>Chris Studd- what are you doing to prevent another fire under the grate? – Inspections have been increased and during the outage a thorough inspection will take place to see if any improvements can be made.</p> <p>Maintenance</p> <p>Outage will take place from 15 April – 15 May. The key works will be a replacement in part of the superheater, bunker inspection and repair, minor service to the turbine, Grate overhaul and general inspections to ensure the integrity of the plant.</p> <p>Questions Chris Studd – How many hours has the turbine been operating? This</p>	

was answered after the meeting but from Jan 2015 – Feb 2018 the turbine has operated for 26,600 hours.

News update

The facility sponsored the High Sheriff's award for inspiring young people. Penny Pearson joined the team from SUEZ in attending the event to represent the CLG.

A beach clean is planned to take place in May with members of the team on site, the senior partnership board and officers from Suffolk County Council taking part.

SUEZ run a charity event to raise money for MacMillian Cancer research every other year - this year the Big Walk is taking place which aims to walk a kilometre for every person diagnosed with Cancer. This will be taking place in June.

Environmental Compliance

Following the update SUEZ gave at the December meeting regarding Total Organic Carbon breaches and Carbon Monoxide breaches after the plant returned to service from the September outage, Adrian assured the group he was happy that as an operator SUEZ are doing everything within their knowledge and power to prevent future breaches. This has been evident in the significantly reduced number of breaches since the changes to operations SUEZ has made.

Adrian assured CLG that the breaches in October were of very low level and short lived and therefore would not affect air quality at ground level, and that the number of breaches have subsequently significantly reduced.

Questions

Penny Pearson – Can we go in the emissions analyser room. – Yes those that want to go in before the next CLG arrive at 6pm we can take you in there.

Roy Barker – How is the facility rated in the country? Adrian was not able to answer this due to how variable EfW facilities are and therefore a comparison like this is not possible.

Health and safety

The Health and safety triangle figures from 2017 were presented. This showed that in 2017;
0 RIDDORs
2 lost time incidents
13 personal injuries
9 damages to property
108 near misses reported
4916 Safety in mind conversations had taken place

By having so many safety in mind conversations, employees are more aware of safety and their surroundings and therefore less accidents should happen. Safety in mind conversations have become well imbedded in the culture on site and the number of conversations taking place has significantly increased since they were introduced in 2016.

There has been two lost time accidents, these were hand injuries caused by entrapment. Following a full investigation it was confirmed as not being due to the culture on site.

Visitor centre

During 2017 1255 visitors came to site. So far in 2018 there has been 341 visitors.

There are open days planned;
Tuesday 20 March 2018, 6pm – 8pm
Wednesday 20 June 2018, 10am – 12am

In 2018 outreach work will continue to grow as and when school request visits to their school.

The site room visitors centre is being upgraded to make the schematic of the process interactive.

Meeting Frequency

The group agreed the meeting frequency could change from the 3 monthly to 4 monthly but all happy that is something were to happen that meant we needed to meet sooner a meeting could be called.

Cabinet members attendance

After discussion between Cllr John Field and Cllr Matthew Hicks it was agreed that Cllr Hicks will no longer be invited to attend the meeting. It was also noted that Cllr Hicks would be happy to attend for specific discussions if required.

AOB

Adrian explained there was a complaint in October 2017. He came to investigate it and confirmed it was not from the site due to the type of smell and wind direction. He was unable to confirm the source of the odour but it was a slightly medical smell – possibly from some road works down Papermill lane.

Penny Pearson asked if tours for Babergh drivers had been offered. Roy Barker confirmed that had been and had not been taken up.

Tony Adams raised that people do not know to call the site directly if they experience odours. The phone number for site and the environment agency is in every InTouch magazine and on our website. Adrian raised that we would not want to invite people to complain as there are a number of waste operators in the areas who

may also be responsible

Roy asked if the SUEZ communities trust could be promoted again. It was confirmed it could go in an InTouch article and the next digital newsletter.

**Date and time of next meeting July 17th 2018. To start at 6.30pm at the EfW site, Lodge Lane.
Those that wish to have a tour of the site lab room then arrive at 6pm.**



Putting Suffolk's waste to good use

Suffolk EfW Community Liaison Group - Minutes

Suffolk energy-from-waste facility board room
Tuesday 17 July 2018 – 6:30pm

Attendance:

John Field, Gipping Valley County Councillor
Penny Pearson, Somersham resident
Widge Bowman, Great Blakenham Parish Council
Trevor Messenger, Needham Market resident
Chris Studd, Claydon Parish Council
Tony Adams, Barham resident
Marion Little, local resident

Observers:

Claire Davies, SUEZ
John Tatton, SUEZ
Adrian Sherman, Environment Agency
Steve Palfrey, Suffolk County Council

Apologies

Cllr Roy Barker, Mid Suffolk District Council, Chair
Matthew Hicks, Suffolk County Council
David Welham, Claydon resident
John Blackmore, Bentley resident
Graham Blair, Great Blakenham resident
Paul Leighton, SUEZ
Jane Hughes, Suffolk County Council

Discussion	Action
<p>Welcome & Minutes Apologies received from Roy Barker, Matthew Hicks, David Welham, John Blackmore, Graham Blair, Jane Hughes and Paul Leighton.</p> <p>Review of last minutes and actions: The minutes were approved as an accurate record of the meeting.</p> <p>Update on actions: John updated the group that following the fire under the grate a panel has been placed on both lines during the outage to prevent this from happening again.</p> <p>Site update</p> <p>Performance</p> <p>The availability of the plant was not very good in May. Line 1, 38.3% and line 2, 36.9%. This is because the plant was in a major shut down for 2 weeks of May and not processing any waste. The availability of the plant was very good in June. Line 1, 98.7% and line 2, 99.4%.</p> <p>Maintenance</p> <p>Outage took place from 15 April – 15 May. The key works were a replacement in part of the superheater, bunker inspection and repair, minor service to the turbine, Grate overhaul and general inspections to ensure the integrity of the plant. The initial part of the outage was cleaning and then the replacement of the superheater with Inconel coated tubes.</p> <p>The outages took place between 15th April and 15th May. Key works and information: 2 Superheaters, 67 valves replaced, 23 different companies, 359 inductions, 39 near misses reported, 1000+ safety conversations, 1 personal injury.</p> <p>Questions</p> <p>John field – Was the Bunker repair planned? – The bunker repair was required due to the grabs being set to go to low from when we first opened. This resulted in damage to the base of the bunker which needed to be repaired. It was planned to take place during this outage.</p> <p>Chris Studd – Whilst the bunker repair took place where was the waste diverted to? The waste was sent in part to Masons landfill and also to Barking RDF facility.</p>	

Who bore the cost of this? SUEZ bares the cost of diverting the waste.

John Field – Was any of the waste baled to be processed at the site after the outage? Due to space on site the baling of waste cannot take place on site, therefore we have previously had waste baled and stored at another site. This facility was not able to do this during the spring shut down.

John Field – A few people from further afield had made comment that there was a lot of people on site and if there was a problem? – The shutdown was communicated via twitter and InTouch Magazine the need for wider publication will be discussed with SCC.

Claire Davies

News update

Paul Leighton has moved to a new roll within SUEZ and his replacement is currently being recruited. We have said goodbye to Cristina Rodrigo Nieto who has gone to join SUEZ Australia. Chris Carter has left the role of Operations Technician his replacement is being interviewed shortly. Claire has decided to pursue a new career and is leaving SUEZ in August.

A beach clean took place in May with 22 members of the team on site and the SUEZ Plant Managers team. The litter pick took place at Southwold and lots of micro plastics were collected.

SUEZ run a charity event to raise money for MacMillian Cancer research every other year - this year the Big Walk took place which aimed to walk a kilometre for every person diagnosed with Cancer. The site team walked 6 KM from the site litter picking as they went. They raised £100.

Suez also took part in the Suffolk Show, during which they talked to over 1000 people about the whole waste story. Many people viewed a virtual reality film called the lonely whale which highlights the need to manage waste properly.

Environmental Compliance

The CCS score for quarter 4 of 2017 was 4.3 the total score for the year was 5.7. The high score in quarter 4 was due to the number of total organic carbon 30 minute breaches. Adrian assured the group that at the level at which they were emitted they would not affect ground level air quality. The assessment for the permit was based on operations being at the emission limit values and the facility isn't operating near these.

Quarter 1 saw a reduction in the number of total organic carbon breaches and due to improvements made during the spring outage there have been no total organic carbon braches since the spring outage. Adrian will provide the quarter 1 report to John Field for distribution

Questions

Adrian Sherman and John Field

John Field: With the increased awareness of NOx and the impact upon human health will the site need to reduce how much it emits? Adrian advised that the EU are reviewing the emissions limits for NOx and will be consulting with industry on these. This could lead to tighter permit limits. However in comparison to other industrial processes, modern energy-from-waste facilities such as Suffolk are well placed to respond to tighter permit limits.

Marion Little: Is the air quality of the local area monitored? Before the plant was built Suffolk county Council placed air quality monitors in the gardens of local residences. Up until last year these were monitoring local air quality which showed no impact due to the facility being built.

Health and safety

The safety culture on site remains very good with over 1000 safety in mind conversations taking place during the outage.

During the shutdown there was once personal injury this was a contractor scratching their eye with their safety glasses.

Visitor centre

So far in 2018 there has been 864 visitors. There have been 21 school visits and 24 adult visits. Claydon High School brought all of their year 8 students throughout June and July.

The site room of the visitors centre was upgraded to make the schematic of the process interactive.

Cabinet members

Steve advised the group that Paul West has taken the role as cabinet member for Ipswich communities and waste. He replaces Mathew Hicks who is now leader of the council. Paul West will attend the CLG meetings where necessary.

AOB

Widge raised that vehicles that are not sheeted are causing litter on the local roads. SUEZ advised that any vehicle that comes to site must be sheeted to prevent this problem. Both John Tatton and Steve Palfrey have offered to reiterate the message with their contacts.

Date and time of next meeting November 20th 2018. The following meeting will be March 5th 2019. To start at 6.30pm at the EfW site, Lodge Lane.

Steve Palfrey and
John Tatton



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Suffolk EfW Community Liaison Group - Minutes

Suffolk energy-from-waste facility board room
Tuesday 20 November 2018 – 6:30pm

Attendance:

John Field, Gipping Valley County Councillor
Penny Pearson, Somersham resident
Trevor Messenger, Needham Market resident
Chris Studd, Claydon Parish Council
Marion Little, local resident

Observers:

Oliver Morrall, SUEZ
Paul Newby, SUEZ
Tim Otley, SUEZ
Emma Jordan, SUEZ
Adrian Sherman, Environment Agency
Jane Hughes, Suffolk County Council
Pauline Pearson

Apologies

Cllr Roy Barker, Mid Suffolk District Council, Chair
Graham Blair, Great Blakenham resident

Discussion	Action
<p>Welcome, Introductions & Minutes Apologies received from Roy Barker and Graham Blair</p> <p>Resignation received from Graham Blair. Letters to be sent on behalf of the group to Graham and Matthew Hicks thanking them for their contribution to the liaison group.</p> <p>Review of last minutes and actions: The minutes were approved as an accurate record of the meeting.</p> <p>Update on actions: Jane and Paul updated the group that Steve Palfrey and John Tatton had passed on comments about the sheeting of vehicles and assured the group that all vehicles are sheeted when entering and leaving the site. Paul suggested taking registration details where possible to check them against our system and help identify any issues.</p> <p>Site update</p> <p>Performance</p> <p>The availability of the facility has been good between July and October. In July, Line 1, 97.7% and Line 2, 98.8%, 10.76% above budget. In August, Line 1, 96.9% and Line 2 94.5%, 8.22% above budget. In September, Line 1, 98.4% and Line 2, 96.3%, 9.87% above budget. Strong planned shutdown performance in October, Line 1, 75.1% and Line 2, 71.3%, 5.8% above budget.</p> <p>Maintenance</p> <p>Planned shutdown took place from 01 to 16 October. The key works were a grate inspection, repairs of the hopper doors, repairs and modifications to the DeNOx system, economiser repairs, pendant tubes in boiler repairs and bypassing of economiser banks. The shutdown was completed on time on budget.</p> <p>Shutdown safety information: 10 near misses reported, 631 safety conversations, 0 personal injuries.</p> <p><i>Questions</i></p> <p>John – Do the bypasses within the economiser affect output and efficiency? – The bypasses will not impact the output and efficiency of the plant.</p> <p>Jane – Is the economiser bypass designed to be a temporary solution? – The economiser repair has been designed to last for as long as the life of the economisers.</p> <p>John – Was there a design problem in the first place? – Economisers</p>	<p>Oliver</p>

are expected to suffer wear and tear throughout their life, there was no design issue.

John – Did you previously have to repair the economisers during the period where the plant ran at a higher temperature? – Paul to investigate and feedback. **Post meeting note:** The site had removed a rake soot blower which had been causing some corrosion and a clean has been carried out to remove fouling on the economiser which would have caused higher temperatures.

Paul

Recruitment

Paul Newby and Oliver Morrall joined SUEZ in October as Plant Manager and Community Liaison Manager respectively, replacing Paul Leighton and Claire Davies. Danielle Mills joined as an Administrator Apprentice. Ryan Hearing filled the role of Shift Operations Technician, replacing Chris Carter. Deny Crawly joined the team filling the Day Operations Technician role left by Ryan.

Questions

John – Paul, did you come from another role within SUEZ? – Paul is new to SUEZ and his background was in the Navy and power generation.

John – is everyone local? – Yes, except for Paul who has relocated from Lincoln and Oliver who has relocated from Devon.

Chris – Are you now fully manned on site? – Jim Clarke has received a promotion and will soon become Technical Process Engineer for the South Region. Paul will be recruiting for a replacement Technical Process Engineer shortly.

Chris – Is it hard to recruit people to work on site? – No, people are generally happy working here.

Environmental Compliance

The CCS score for quarter one was 0.3. Two following quarters are outstanding from Adrian. For comparison, the total score for 2017 was 5.2. The following breaches have occurred for the period July to October. July, HCl breach due to abnormal composition of waste. October, TOC breach due to ID fan vibration and HCl and SO₂ breach most likely due to waste composition but this is still under investigation.

Adrian – Confirmed receipt of the Part A reports for the above breaches and that these will be reported on in the Agency’s quarterly review. The previous quarterly review was published on 24 September and the next will go out before the end of 2018. The review will discuss measures taken to minimise breaches. Emphasises the proactive response of SUEZ at taking measures to minimise breaches. Using TOC as an example, SUEZ made improvements to the process during the April shutdown to combat the self-feeding issues and as a result TOC breaches have dropped. Adrian noted that he still has a few breaches to review but generally

Adrian

these occur over a very short duration and are not likely to impact ground level air quality. Each breach is documented in the quarterly review; emission value and measures taken are both documented. These are all available on the public register. Part of the assessment looks at foreseeability of the breach. Adrian notes that most breaches are not easy to foresee and this is accounted for in the documentation in the quarterly review.

Adrian

John – The EfW is not without issues, but the plant are always quick to take action on issues.

Questions

John – What caused the breaches in October? – The breaches were fuel related, most likely plasterboard, heavy plastics like old records or cement based products. HCl and SO2 are a product of the fuel when it is burnt, not related to poor combustion.

Chris – Can you be selective of the waste entering the EfW? – SUEZ carry out regular inspections of the composition and volume of waste as it enters the site. We also regularly inform the council and our third party clients of what we accept and any loads found not complying with the specification will be rejected and stopped from returning to site.

Chris – Is plasterboard detrimental to operations? – We are not certain that the breach was related to plasterboard, it's an example of something with high HCl content. We are investigating this currently. Regular inspections of the waste are carried out and waste is mixed in the bunker to homogenise the material before it is fed through the process. It is concentrated amounts of materials that cause a problem. Each line has an automated abatement system, which can be taken into manual control should a high level of injection be required. There is always going to be a risk of non-specification waste but all efforts are made by the site team to reduce that risk.

Paul

Health and safety

The safety culture on site remains exceptional with hundreds of safety in mind conversations taking place during the shutdown. We have instigated a group-wide review of the interaction between pedestrians and traffic, particularly with regard to large trucks as traffic movements are the highest risk within the business.

Questions

Chris – Has there been any problems with the tipping hall doors recently? – We have had no issues with the doors but we had an issue where one of the barriers came down prematurely causing a small scratch to a lorry's paintwork and we are currently investigating the reasons behind this to prevent a repetition

Visitor centre

So far in 2018 we have had 1197 visitors. 25 of these have been

school groups, 69 groups in total. We have had 122 open day visitors, and due to their popularity, will be hosting two open evenings in December.

Questions

Chris – Is this an increase on last year? – Last year we had 1255 visitors onto site. We are expecting to pass this number by the end of the year.

Chris – Do you discuss the site surroundings and environment? – Visitors are shown the wild meadow, beehives and pond on site as part of the tour.

Penny – Have you had any visitors that are interested in building their own EFW? – We have hosted some Australian visitors and some visitors from Cambridge who are interested in building their own EFW.

Annual report

Copies of the new infographic format report were circulated.

John – Is this format going to be used more? – Yes, we’ve had positive feedback that it’s easier to read and more engaging.

John – How many are you distributing? – We previously have not distributed hard copies of the annual report. It is available online for those interested. We have printed 200 copies to share with the council and visitors to the facility.

Recruitment of new CLG members

Previously, recruitment has happened via the newsletter and twitter or people visiting the facility. With recent resignations, more members are needed and the group’s feedback was requested on the best way to recruit. Members suggested there is a need to invite members from underrepresented areas and from where there is a concern among residents. Preferably residents, rather than parish councillors. Suggested areas: Bramford, Barham, and Little Blakenham.

Oliver Morrall

Questions

Marion & Trevor - Can we invite visitors via conversation? – Yes, we ask those who are particularly interested in the site and live locally.

Penny – InTouch magazine covers all areas, can we recruit via this? – Yes, we will in the upcoming editions.

Oliver Morrall

AOB

No other business.

Date and time of next meeting March 5th 2019. The following meeting will be July 9th 2019. To start at 6.30pm at the EFW

site, Lodge Lane.	
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