Kathryn Wright

From: Samantha Clowe <Samantha.Clowe@severntrent.co.uk>

Sent: 24 January 2024 11:10

To: Ben King

Cc: Richard Bentham

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hi Ben,

I have been provided the below off the back of the river sampling data:

Here are the metals limits for BIFFA Meece Landfill based on a daily MCV of 100m3

Chromium 250ug/l
Copper 250ug/l
Lead 500ug/l
Nickel 100ug/l
Zinc 800ug/l

And using the H1 assessment for:

Cyanide 50ug/l Arsenic 100ug/l Antimony 500ug/l Vanadium 350ug/l Selenium 500ug/l

No EQS data for Antimony or Selenium

Please come back to me with any comments.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor - West

Bioresources Operations

Severn Trent Water Ltd

E-mail - samantha.clowe@severntrent.co.uk

Mobile - +44 (0)7796313583

From: Ben King <ben.king1@biffa.co.uk>

Sent: 22 November 2023 12:58

To: Samantha Clowe <Samantha.Clowe@severntrent.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Caution: This is an external email originating outside Severn Trent. Think before you click on links or open attachments.

Sam,

Any updates?

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Sent: Friday, September 29, 2023 11:50 AM **To:** Ben King

Sen.king1@biffa.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hello Ben,

Funnily enough we have just finished our river sampling, so I am collating the data to be put through the second phase analysis tool.

Can I come back to you next week with timescales for this please.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Bioresources Operations Severn Trent Water Ltd E-mail - <u>samantha.clowe@severntrent.co.uk</u> Mobile - +44 (0)7796313583 From: Ben King < ben.king1@biffa.co.uk >

Sent: 29 September 2023 11:46

To: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Caution: This is an external email originating outside Severn Trent. Think before you click on links or open attachments.

Samantha,

Wondering if you had any further information on the potential discharge from Meece?

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Ben King < ben.king1@biffa.co.uk > Sent: Wednesday, May 24, 2023 3:39 PM

To: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Thanks Sam.

We are looking at treatment options as it occurred to us that if we have to treat chloride to meet the discharge limit the process may remove some of the metal loading. .

Let me know when you know more and we can compare notes. Hopefully, we can end up with limits we can meet.

Regards,

Ben



Ben King
Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ

www.biffa.co.uk

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From: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Sent: Wednesday, May 24, 2023 3:06 PM **To:** Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hi Ben,

We are currently undertaking some up and downstream sampling on the River Sow to understand the impact of the current Sewage works discharge. This may then give us some leeway with the limits. I will comeback to you when we have some further information.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West
Bioresources
Operations
Severn Trent Water Ltd
E-mail - samantha.clowe@severntrent.co.uk
Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk >

Sent: 27 April 2023 18:36

To: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Sam,

I am usually pretty sanguine about metals as the metal loading in typical landfill leachate is usually pretty low. I also failed to read the italics under the table on the first time around which didn't help!

To illustrate I have looked at the past 5 years worth of raw leachate data. I've removed the more obvious outliers from the dataset and set anything below the detection limit to the detection limit. It is also worth noting that this is the entire dataset and in practice the make-up of the raw leachate into the plant will be skewed by which areas of the site the leachate comes from, which we can also influence up to a point.

The limits below you table are italicised in the Proposed Limit column otherwise the limits come from the table (Poplars Consent). I expect that the Arsenic, Chromium and possibly Silver exceedances are due to outliers in the

dataset, whereas iron will drop out in the aeration phase of a standard treatment plant. The ones that concern me are copper and nickel which tend to be two of the metals that are elevated in leachate.

I assume that reference to the H1 tool that the EQS values have been used in the assessment. The EQS are based on bioavailable Nickel and Copper where as we test on a Total basis. So I thought it worth clarifying the situation and checking if higher limits could be applied to the consent.

	Unit	Count	Average	50%ile	70%ile	80%ile	90%ile	95%ile	Prop Lir
ARSENIC	mg/l	164	0.021	0.006	0.012	0.019	0.045	0.108	
COPPER TOTAL AS CU	mg/l	190	0.056	0.016	0.036	0.054	0.158	0.292	
CHROMIUM, TOTAL AS CR	mg/l	190	0.108	0.010	0.061	0.150	0.404	0.596	
LEAD TOTAL AS PB	mg/l	190	0.011	0.006	0.008	0.010	0.019	0.040	
NICKEL TOTAL AS NI	mg/l	190	0.085	0.036	0.113	0.184	0.224	0.273	
ZINC	mg/l	190	0.117	0.030	0.090	0.180	0.342	0.602	
TIN	mg/l	9	0.118	0.173	0.173	0.188	0.212	0.214	
VANADIUM	mg/l	9	0.050	0.049	0.057	0.078	0.103	0.103	
SILVER	mg/l	9	0.005	0.001	0.002	0.009	0.018	0.020	
IRON, TOTAL AS FE	mg/l	190	7.537	1.820	6.070	8.844	19.930	37.000	
ANTIMONY	mg/l	20	0.023	0.004	0.016	0.016	0.017	0.042	
CADMIUM, TOTAL AS CD	mg/l	190	0.001	0.001	0.001	0.001	0.001	0.001	

The last column are the BAT limit the EA are likely to impose on any leachate treatment plant.

Happy to discuss.

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk
Coronation Road, Cressex, High Wycombe, HP12 3TZ
www.biffa.co.uk

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From: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u>>

Sent: Thursday, April 27, 2023 3:27 PM **To:** Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hello Ben,

I thought you were quite relaxed about the tight metals limits in your first mail I must admit.

With regards to the Chloride the standard limit of 5000mg/l would apply.

I have relayed your queries/concerns regarding the H1 assessment to our technical team and I am awaiting feedback. If you would like a call I will make sure there is representation from the technical team so that they can discuss the limitations we are currently having setting metals limits.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Bioresources Operations Severn Trent Water Ltd E-mail - samantha.clowe@severntrent.co.uk Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk >

Sent: 13 April 2023 18:04

To: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u>>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Sam,

Now that I have read your email properly, I am a bit surprised by how low the metal limits are. I am usually pretty sanguine about metal limits as landfill leachates (generally) have pretty low levels of metals something to do with redox and the carbonate sulphide sludge in the drainage blanket.

I first read the table (hence my misplaced confidence) now I have read the text underneath which I presume are the proposed limits for copper, zinc, nickel and vanadium.

I note that these are due to the 'failure' of a H1 assessment. No wanting to second guess whoever has done the assessment but I unfortunately have completed many H1 assessments and know the limitations that this screening tool has. The EQS values used in the H1 are based on 'bio-available' concentrations and not the 'total' values which we typically measure. Are the limits proposed based on 'total copper' or a different measurement?

I would also note that the UKTAG have therefore developed a tool (MBAT – Metal Bioavailability Assessment Tool) for calculating a site specific EQS value for some of these substances including copper, nickel, zinc, manganese based on the pH, DOC and calcium concentrations of the waterbody. Were site specific EQS calculated for the River Sow (the receiving water). The River Quality Planning Tool also calculates the bioavailable fraction of the metals and doesn't just use Q95 flow value.

If we do move forward with a treatment plant at 100m3 we are likely to have to meet the BAT-AEL set in the waste treatment BREF which are quite restrictive.

May be worth a discussion once you have found out about the Chloride limit.

Regards,



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u> >

Sent: Tuesday, April 11, 2023 3:48 PM **To:** Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hi Ben,

Sorry about that, we have a standard limit of 5000mg/l, will just get this double checked to make sure there is no issue with that level in the specific catchment.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West
Environmental Regulations and Permits Team
Production
Severn Trent Water Ltd
E-mail - samantha.clowe@severntrent.co.uk
Mobile - +44 (0)7796313583

From: Ben King <ben.king1@biffa.co.uk>

Sent: 11 April 2023 15:45

To: Clowe, Samantha < Samantha.Clowe@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Thanks Sam.

Don't think the metals will be a problem as they tend to be pretty low in the leachate (although I haven't checked yet).

Main question is that there isn't a limit specified for Chloride? I presume you would want to control this so before everyone gets excited I thought I would double check?

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Sent: Tuesday, April 11, 2023 3:39 PM **To:** Ben King < ben.king1@biffa.co.uk >

Cc: Bentham, Richard < Richard.Bentham@severntrent.co.uk >; Dyson, Emma < Emma.Dyson@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hello Ben,

I have an update regarding potential limits.

I proposed 100m3/d with the below limits mirroring Poplars.

Parameter	Mg/I	Kg/d
рН	6,10	-
SS	400	40
COD	2000	200
Ammonia	100	10
Ni	0.5	0.05
Cr	0.5	0.05
Cu	0.1	0.01
Pb	0.1	0.01
Zn	1.5	0.15
Р	25	2.5
Cn	0.5	0.05
Sol Meth	0.14	-
Mecoprop	20 (ug/l)	0.002
Al	10	1
Sulphide	1	-
Sulphate	1000	-

Iron	13	1.3
Selenium	0.5	0.05
Vanadium	0.5	0.05
Tin	0.5	0.05
Silver	0.01	0.001
Monophenols	1	0.1
Arsenic	0.1	0.01
Antimony	0.5	0.05

I have been advised For the concentrations you suggested the H1 assessment fails for Vanadium, Copper, Nickel and Zinc. The concentrations we could accept are Vanadium 0.2mg/l, Copper 0.05mg/l, Nickel 0.05mg/l and Zinc 0.25mg/l.

To be able to get any movement on these concentrations we would have to undertake a river survey – I will look into the validity of this but of course this will take more time and will not necessarily change the outcome. Happy to have a catch up call to discuss.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Environmental Regulations and Permits Team Production Severn Trent Water Ltd E-mail - samantha.clowe@severntrent.co.uk Mobile - +44 (0)7796313583

From: Ben King <ben.king1@biffa.co.uk>

Sent: 28 March 2023 13:18

To: Clowe, Samantha < Samantha.Clowe@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Thanks Sam.

Do you have an idea when you will be able to advise on the likely limits?

With a new financial year fast approaching I expect that decision will have to be made.

Regards,

Ben



Ben King

Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u>>

Sent: Monday, March 27, 2023 9:31 AM **To:** Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hello ben,

We are still working on this currently.

Apologies for the delay.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West
Environmental Regulations and Permits Team
Production
Severn Trent Water Ltd
E-mail - samantha.clowe@severntrent.co.uk

E-mail - samantila.ciowe@severntrem

Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk >

Sent: 24 March 2023 17:40

To: Clowe, Samantha <<u>Samantha.Clowe@severntrent.co.uk</u>>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Sam,

Have you made any progress with this potential discharge?

Regards,

Ben



Ben King

Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u>>

Sent: Wednesday, March 1, 2023 11:32 AM **To:** Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

ST Classification: OFFICIAL PERSONAL

Hello Ben,

They have come back with that they would potentially be okay with 50% of the load which was initially requested. Now that I have had that feedback I will now look at what scope we have to accept any metals.

I will look at what is currently being discharged at Cannock Poplars compared to the limit.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West
Environmental Regulations and Permits Team
Production
Severn Trent Water Ltd
E-mail - samantha.clowe@severntrent.co.uk
Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk > Sent: Monday, February 20, 2023 9:50 AM

To: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Morning Sam,

Sam,

Have you had any update from the people concerned on what we could discharge from Meece?

Regards,

Ben



Ben King
Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk

Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Sent: Wednesday, February 1, 2023 10:57 AM

To: Ben King <ben.king1@biffa.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Hi Ben,

So, the consultee which deals with the loading onto the works has said no to the additional load, so that's a no to the volume and to the strength but I have asked what they could take. I have chased this again today to see what figures they come back with.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Environmental Regulations and Permits Team Production Severn Trent Water Ltd E-mail - samantha.clowe@severntrent.co.uk

From: Ben King <ben.king1@biffa.co.uk>

Sent: 01 February 2023 10:52

Mobile - +44 (0)7796313583

To: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Morning Sam,

Wondered if you had any response from the stakeholders you were in discussions with?

Regards,

Ben



Ben King
Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk From: Ben King

Sent: 11 January 2023 12:38

To: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Sam,

Thanks for the response, no problem with waiting.

If we can't get what we would ideally like it would be good to understand what increases, we could have in terms of volume, if any, and particularly increased quality limits.

Look forward to hearing from you.

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u>>

Sent: 11 January 2023 11:40

To: Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Hello Ben,

I have been in talks with some people and there may be a stumbling block at the first hurdle with regards to combining the discharge and having a total daily volume of 200m3 due to the small size of the receiving works. This is still under some discussion with a couple of stakeholders. I will come back to you if that is okay.

Kind regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Environmental Regulations and Permits Team Production Severn Trent Water Ltd E-mail - samantha.clowe@severntrent.co.uk

Mobile - +44 (0)7796313583

From: Ben King <ben.king1@biffa.co.uk>

Sent: 09 January 2023 14:45

To: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Sam,

Hope you had a good Christmas.

Have your colleagues managed to look at the possibly of increasing the TEC as discussed? Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Sent: 16 December 2022 12:10

To: Ben King < ben.king1@biffa.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Great, thank you, speak next week.

Samantha Clowe

Trade Effluent Advisor – West
Environmental Regulations and Permits Team
Production
Severn Trent Water Ltd
E-mail - samantha.clowe@severntrent.co.uk

Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk >

Sent: 16 December 2022 12:09

To: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Thanks Samantha,

I've sent a link.

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha <Samantha.Clowe@severntrent.co.uk>

Sent: 16 December 2022 11:56

To: Ben King <ben.king1@biffa.co.uk>

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Hello Ben,

10 is good for me?

Teams is fine.

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Environmental Regulations and Permits Team Production

Severn Trent Water Ltd

E-mail - samantha.clowe@severntrent.co.uk

Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk >

Sent: 16 December 2022 11:42

To: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Cc: Bentham, Richard < Richard. Bentham@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

Samantha,

Wednesday would be great. What time suits you?

I can send a teams link if you want.

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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From: Clowe, Samantha < Samantha. Clowe@severntrent.co.uk >

Sent: 16 December 2022 11:08

To: Ben King <ben.king1@biffa.co.uk>

Cc: Bentham, Richard < Richard. Bentham@severntrent.co.uk >

Subject: RE: Meece landfill Biffa Waste Services Limited - TEC 009226V

ST Classification: OFFICIAL PERSONAL

Hello Ben,

Thanks for getting in touch.

I am on annual leave this afternoon, Monday and Tuesday but I am in on Wednesday and Thursday next week if you are available for a chat then?

Kind Regards

Samantha

Samantha Clowe

Trade Effluent Advisor – West Environmental Regulations and Permits Team Production Severn Trent Water Ltd

E-mail - samantha.clowe@severntrent.co.uk

Mobile - +44 (0)7796313583

From: Ben King < ben.king1@biffa.co.uk >

Sent: 15 December 2022 13:24

To: Clowe, Samantha < <u>Samantha.Clowe@severntrent.co.uk</u>> **Subject:** Meece landfill Biffa Waste Services Limited - TEC 009226V

Samantha,

My colleague Lana has passed me you contact details as someone who would be able to help with this query. I thought it best to send an email in the first instance rather than contacting you via telephone.

As you know we have currently hold a TEDC to discharge to discharge contaminated surface water from the above site. Following the recent breaches in the COD limit it appears that the effluent is more variable that our initial assumptions and therefore we have increased the frequency of testing of the effluent. This will hopefully ensure that we comply with the specified limits in the future.

We are in the initial stages of considering the possibility of building a treatment plant to treat landfill leachate that is produced at the site. In order to correctly specify the plant and the treatment techniques employed it is important to understand the likely discharge parameters, therefore, I would like to discuss with you is the possibility of;

- increasing the discharge volume; ideally we would like to maintain the existing consent and increase it by ~100m³
- the inclusion of different effluent streams ie treated effluent from Meece Landfill; and
- increasing level of some substances in the discharge particularly chloride and COD.

I understand that this will require an application to you setting out fully our proposals and that any advice is only provisional. However, we are at the early stages and would appreciate an indication of the limits that we will have to work to prior to a more formal approach.

I would be grateful if we could have a discussion either on the phone (number below) or onsite. I can send a teams invite if that would be easier?

Regards,

Ben



Ben King Environmental Regulation Manager

Mobile 07706 362 038 | E-Mail ben.king1@biffa.co.uk Coronation Road, Cressex, High Wycombe, HP12 3TZ www.biffa.co.uk

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