

7<sup>th</sup> March 2018



Comhairle Ceantair  
**Lár Uladh**  
**Mid Ulster**  
District Council

To: Councillor McAleer )  
Councillor McGinley )  
Councillor McGuigan ) Mid Ulster District Council  
Councillor Mulligan )  
Councillor Robinson )

Mr A Cassells

Councillor Clarke )  
Councillor Fitzgerald )  
Councillor Rainey ) Fermanagh & Omagh District  
Councillor Shields ) Council  
Councillor Thompson )

Mr B Hegarty

Dear Sir/Madam

**Re: Tullyvar Landfill Site Joint Committee Meeting**

A meeting of the Management Committee for the development of Tullyvar Landfill Disposal Site will be held in the Office at Tullyvar Landfill Site on **Wednesday 14<sup>th</sup> March 2018 at 10.30am.**

1. Confirmation of Minutes of Meeting held on Wednesday 10<sup>th</sup> January 2018 (copy herewith)
2. Matters Arising from the Minutes
3. NI Landfill Capacity Report/ Tullyvar Report (copies herewith)
4. Financial Matters
  - 3.1 Statement of Payments dated January & February 2018 (copies herewith)
5. Update from Head of Environmental Services/Site Manager's Report
6. Any Other Business
7. Date of Next Meeting

Yours faithfully

**Andrew Cassells**

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Director of Environment & Property

Copy:      A Tohill  
              K O'Gara  
              M McAdoo  
              A McIlwrath  
              K McGowan

**MINUTES OF TULLYVAR JOINT COMMITTEE MEETING HELD ON WEDNESDAY  
10<sup>TH</sup> JANUARY 2018 AT 10.30AM AT TULLYVAR LANDFILL SITE**

**PRESENT:**

**MID ULSTER:** Councillor McGuigan (Chair)  
Councillors Mulligan & Robinson

**FERMANAGH & OMAGH:** Councillors Clarke, Fitzgerald, Rainey & Thompson

**OFFICERS:** A Cassells, M McAdoo, K McGowan, K O’Gara and  
A McIlwrath

**APOLOGIES:** Councillors McAleer & McGinley  
Mr Hegarty

***Meeting commenced at 10.30am***

**1. CONFIRMATION OF MINUTES – 8<sup>TH</sup> NOVEMBER 2017**

The above minutes were adopted.

Proposed by Councillor Mulligan  
Seconded by Councillor Robinson and agreed.

**2. MATTERS ARISING**

**2.1 Landfill Capacity Report**

A Cassells updated Members in terms of the status of the Landfill Capacity Report. He confirmed that the report would be made available to the next Joint Committee Meeting and would be accompanied by an Options Report on remaining void at Tullyvar.

***Councillor Clarke entered the meeting at 10.35am***

Reference was made to analysis carried out within the Government Waste Working Group to look at landfill capacity on a NI basis, noting the implications for the public and private sector in terms of existing void capacity. Members and Officers agreed there were strategic/commercial decisions required on the future utilisation of void at Tullyvar.

Councillor Rainey sought clarification on the consequences of the site being mothballed, A Cassells confirming there were no implications for the site being re-opened as Tullyvar would retain planning, IPPC permit, would continue with its monitoring regime and pay NIEA subsistence fees.

### **3. FINANCIAL MATTERS**

The Statement of Payments dated November and December 2017 were presented for approval.

Proposed by Councillor Mulligan  
Seconded by Councillor Fitzgerald and agreed.

### **4. UPDATE REPORT FROM SITE MANAGER**

The Site Manager's report was presented, copy attached as appendix one, reference being made to the undernoted:

#### **4.1 Leachate Generation**

The Site Manager advised that due to the sustained period of wet weather, there had been elevated levels of leachate across the site. The ongoing capping programme would help mitigate against ingress of rainwater.

#### **4.2 Phase 3 Capping Project**

The Site Manager outlined to Members details of the ongoing Phase 3 Interim Capping Project. Pictorial evidence of work in progress was provided to Members.

#### **4.3 Tenders**

The Site Manager confirmed that tenders for services such as M&E, leachate haulage and heavy plant were being collectively procured under a Landfill Related Services Tender using eTender NI. A report would be tabled at the next Joint Committee Meeting.

#### **4.5 Adoption of Report**

The Site Manager's Report was adopted.

Proposed by Councillor Mulligan  
Seconded by Councillor Clarke and agreed.

### **5. DATE OF NEXT MEETING**

It was agreed that the next meeting be held on **Wednesday 14<sup>th</sup> March 2018 at 10.30am at Tullyvar Landfill Site.**

Members and Officers discussed in brief the frequency of future meetings.

***Meeting ended at 10.50am***



TULLYVAR JOINT COMMITTEE – 9<sup>th</sup> JANUARY 2018SITE MANAGER'S REPORT**1. Site Operational Update**

During November and December approx. 495 tonnes of leachate per week was discharged to Cookstown & Culmore Sewage Treatment Works with an average Ammoniacal Nitrogen strength of 20.0 mg/l. Additionally during this period approx. 1100 m<sup>3</sup> of treated leachate (approx. 130 tonnes per week) has been discharged through the sites Integrated Constructed Wetlands (ICW). Due to the sustained wet weather there are elevated leachate levels across the site which will likely persist until the springtime, by which time the Phase 3 Cap shall be complete and the rainfall should have reduced.

The electricity generation plant is currently operating at approx. 560kW (70% Capacity). The capacity has been reduced due to the on-going capping works which have meant a number of gas wells have to be switched off. Generation should be back to normal by March when the capping works are due to be completed.

**2. Phase 3 Interim Capping**

FP McCann Ltd. has now began work on the Phase 3 Interim Capping Works using Fleville Bros as their main sub-contractor. The works consist of the installation of a composite capping system over approx. 14,000m<sup>2</sup> of the site as well as the installation of a bund for stability and drainage. The area of the works can be seen outlined in red on the drawing below and a number of pictures showing the progress of the works are included overleaf:







The majority of the soils for the capping works are situated on-site. The photo shows the filling of sub-soil at the sites stockpile area, for use in the regulation layer. 25 Tonne dumpers are used for transporting the sub-soil to the works area.



These 2 photos show the sub-soil regulation layer being applied across the works area. A 200mm thick layer is laid to even the surface and prevent damage to the geotextile layers above. The sub-soil is levelled using a bulldozer and 27 Tonne excavator.



Following placement of the regulation layer 2 layers of geotextiles are laid on top. The picture shows the first layer of Geosynthetic Clay Liner (GCL) being placed and will eventually tie into the anchor trench surrounding the site.

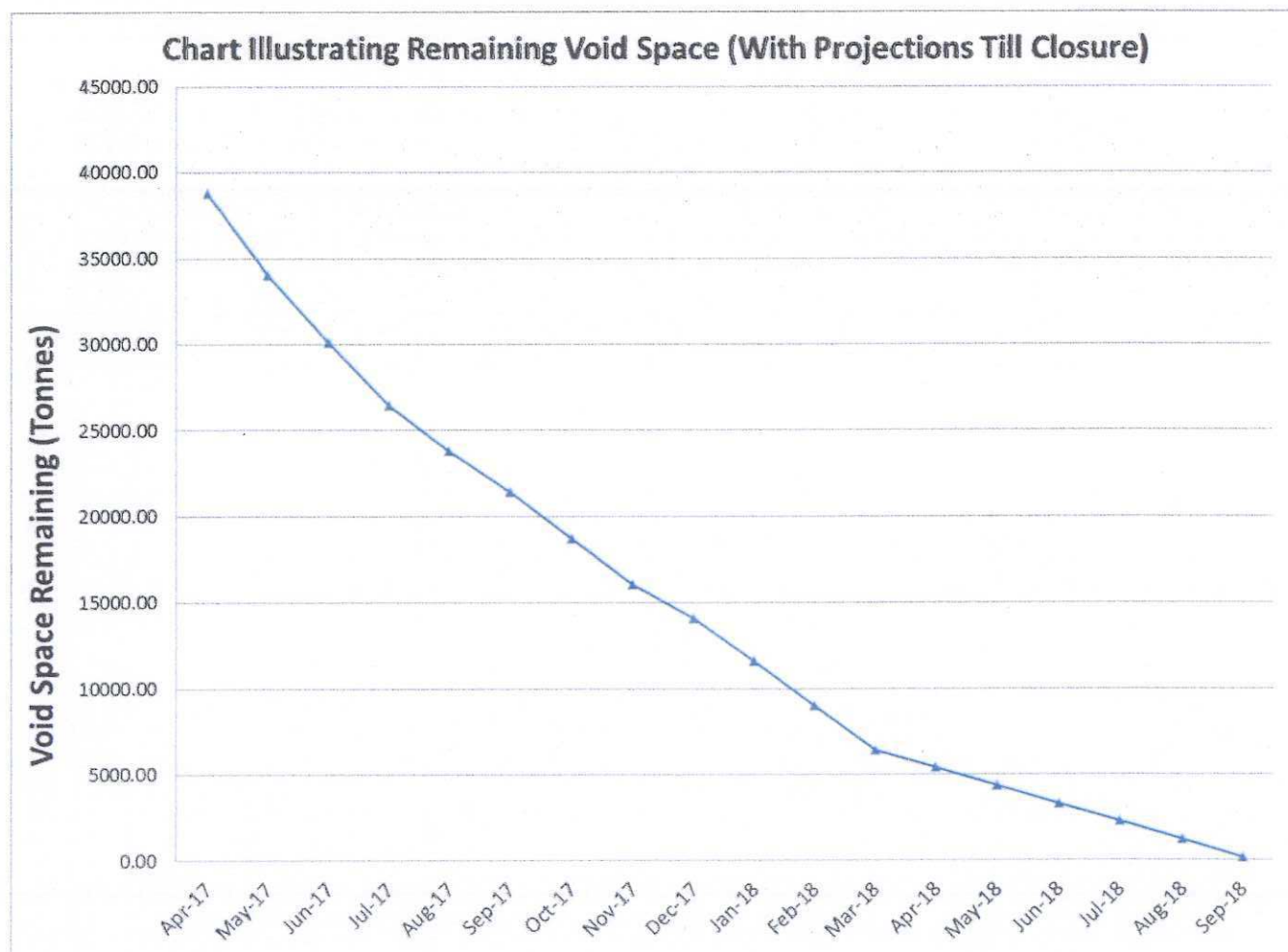


A further layer of Drainage Geocomposite is laid on top of the GCL and covered with 300mm of fine protection layer soil / clay followed by 700mm of sub-soil. On other areas of the cap 100mm of top soil will be added as the final 100mm rather than sub-soil depending on whether the cap is intended to be permanent or intermediate.



### 3. Void Projections

The sites infilling projections were updated at the end of 2017 at which point there was approx. 14,000 tonnes of space remaining at Tullyvar. Infilling rates have been modelled on the chart below with a closure date of September 2018 predicted. The infilling rate decreases significantly once Fermanagh & Omagh District Council stop disposing waste at Tullyvar at the end of March 2018.



### 4. Tenders

As discussed at the previous meeting a number of procurement exercises are underway. They have now been combined into a single large Landfill Related Services Tender. This tender now covers heavy plant, leachate haulage and specialised mechanical & electrical services. The annual costs of this will be approx. £150,000 per annum and is being procured in conjunction with the 2 other Mid Ulster District Council landfills to give greater economies of scale and potentially reduce costs. The Tender will be released through the eTenders NI website next week with a closing date of the 14<sup>th</sup> February 2018. Tender costs will be reported at the next Joint Committee meeting.

### 5. 4 Year Review

Periodically the NIEA requires that the site reviews its Hydrogeological Risk Assessment, Site Management Plan, Energy Efficiency Plan, and Site Closure Plan. These reports were submitted in May and the NIEA have since reviewed them. However, they are not proposing to vary the sites IPPC permit at this stage as the site is closing later this year. They plan on looking at this again post closure to reflect any revised compliance points and any revised monitoring.

## TULLYVAR TREASUREERS ADVICE LISTING

08/01/2018

CHEQUE NO	SUPPLIER NAME	£
666	FP MCCANN	41463.71
667	AVERY WEIGH TRONIX	604.65
668	AA HYDRAULICS	56.40
669	ATLAT COMMS	239.90
670	MCALEER AND SONS	517.75
671	ROAD SFAETY CONTRACTS	13170.81
672	WYG	4749.88
673	WDR &RT TAGGART	2460.00
674	COOTES	57.66
675	CAVANAGH KELLY	572.16
676	MUDC	29777.56
677	SHAW AUTOMATION	1188.64
678	BRENNTAG	650.13

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**95,509.25**



## TULLYVAR TREASUREERS ADVICE LISTING

13/02/2018

CHEQUE NO	SUPPLIER NAME	£
683	ADT FIRE AND SECURITY	221.78
684	LCC OIL	2,805.67
685	MCHUGH CRANE HIRE	576.00
686	MCALEER AND SONS	1,036.58
687	REA BROS	311.00
688	RENEWABLE POWER NI	7,140.24
689	WYG ENVIRONMENTAL AND PLANNING	3,172.85
690	CAVANAGH KELLY	408.96
691	CLIVE RICHARDSON LTD	8,524.80
692	MUDC	12,032.90
693	DRILLING AND PUMPING SUPPLIES	968.82
694	HAMILTON CONTRACTS	23,865.00
695	BRENNTAG UK	1,300.26
696	FP MCCANN	34,857.24
697	TOTAL COMPUTER NETWORKS	282.00
698	LITTLE ELECTRICAL	71.76
		<b>97,575.86</b>