



Comhairle Ceantair
Lár Uladh
Mid Ulster
District Council

31st October 2017

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 8th November 2017 at 10.30am.**

1. Confirmation of Minutes of Meeting held on Tuesday 13th September 2017 (copy herewith)
2. Matters Arising from the Minutes
3. Financial Matters
 - 3.1 Statement of Payments dated September & October 2017 (copies herewith)
4. Update from Head of Environmental Services/Site Manager's Report
5. Any Other Business
6. Date of Next Meeting

Yours faithfully

Andrew Cassells

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 13TH SEPTEMBER 2017 AT 10.30AM AT TULLYVAR LANDFILL SITE

PRESENT:

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

FERMANAGH & OMAGH: Councillors Clarke, Fitzgerald & Thompson

OFFICERS: Messrs Cassells, McAdoo, McGowan, O'Gara &
A McIlwrath

APOLOGIES: Councillors McAleer, McGinley & Rainey
Mr Hegarty

Meeting commenced at 10.30am

1. CONFIRMATION OF MINUTES – AGM/ORDINARY MEETING – 1ST AUGUST 2017

The above minutes were adopted.

Proposed by Councillor Fitzgerald
Seconded by Councillor Mulligan and agreed.

2. MATTERS ARISING

As per agenda items.

3. FINANCIAL REPORTS

3.1 Statement of Payments dated August 2017

The Statement of Payment dated August 2017 was presented for approval.

Proposed by Councillor Mulligan
Seconded by Councillor Robinson and agreed.

4.0 UPDATE REPORT FROM SITE MANAGER

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

4.1 Leachate Treatment

The Site Manager confirmed leachate was currently being tankered to Culmore, however, the wetlands scheme was working exceptionally well with twice the anticipated volume being treated.

Members were informed that the wetlands scheme was designed to take 6000m³ of leachate per annum as the scheme becomes fully established and plants propagate out. It was anticipated that all post closure leachate would be treated through the wetlands scheme. Following query from Councillor Clarke, Members were advised that whilst the increased level of rainfall contributed to the leachate levels, it did however, provide dilution and thereby reduced the strength of leachate to be treated.

K O'Gara alluded to the significant financial savings to be had in being able to treat post closure leachate via the wetlands scheme.

4.2 Phase 3 Capping Scheme

Members were informed that FP McCann were the preferred bidder for the contract. Members endorsed the recommendation as outlined in the report.

4.3 Adoption of Report

The report of the Site Manager was adopted.

Proposed by Councillor Thompson
Seconded by Councillor Fitzgerald and agreed.

5.0 ANY OTHER BUSINESS

5.1 Staffing – Post Closure

Following query from Councillor Robinson on the implications for staffing post closure, A Cassells confirmed that Officers were working jointly across MUDC and F&O to consider re-deployment opportunities for staff. A Cassells advised that there was no indication of expected

redundancies. It was confirmed a report would be presented to the Joint Committee in due course.

5.2 Household Waste Recycling Centre

In response to a query from Councillor Mulligan, A Cassells confirmed the continued existence of the Household Waste Recycling Centre post cessation of landfilling operations. K O'Gara also advised there would be ongoing closure and aftercare requirements in terms of monitoring, sampling etc. as required by NIEA.

5.3 Joint Five Council Waste Forum

K O'Gara outlined to Members ongoing discussions within a five Council waste working group and consideration of an OBC. It was confirmed that a report would be presented to the Joint Committee at a future meeting.

5.4 Cell 4 Development

Following query from Councillor Mulligan, it was confirmed that development of Cell 4 was business case dependent, however, all options would be considered in full. The Site Manager confirmed that there was no requirement to make an immediate decision on this issue.

6.0 DATE OF NEXT MEETING

It was agreed to convene the next meeting **on Wednesday 8th November 2017 at 10.30am at Tullyvar Landfill Site.**

Meeting ended at 10.50am

TULLYVAR JOINT COMMITTEE – 13th SEPTEMBER 2017**SITE MANAGER'S REPORT****1. Site Operational Update**

During August approx. 307 tonnes of leachate per week was discharged to Cookstown & Culmore Sewage Treatment Works with an average Ammoniacal Nitrogen strength of 36.0 mg/l. Due to continuing issues at Moygashel Sewage Treatment Works leachate has not been discharged there since early January. Additionally during this period approx. 975m³ of treated leachate has been discharged through the sites Integrated Constructed Wetlands (ICW).

The electricity generation plant is currently operating at approx. 720kW (90% Capacity). The plant was shut down for a number of day during August to allow for the fitting of a new water cooling system. The old system had been becoming less efficient and had been causing ever greater instances of engine shut down due to high temperatures. These works should improve reliability going forward.

2. Phase 3 Interim Capping

The sites PPC Permit / Planning Permission require that the landfill must be suitably capped within 12 months of the infilling of waste ceasing in any particular Cell. Cells 2 & 3 are now complete and therefore due for capping. The areas proposed are shown on the drawing below, outlined in red. The area measures approx. 14,000m², with approx. 3,000m² as final capping and restoration and the remainder as an interim cap.



The works will mainly consist of the installation of a composite capping system as well as the installation of a bund for stability and drainage. The capping system has been designed to meet the requirements of the Landfill Regulations (Northern Ireland) 2003.

The waste surface will be regraded where necessary to create a profile that will direct surface water to the new and existing surface water drains. The sloped profile will allow for a degree of settlement to prevent surface water ponding above the cap.

The composite capping system will capture the gases produced from degradable wastes and will mitigate the infiltration of surface water into the waste body. The composite capping system will consist of the following:

- Soil Regulation Layer (min. 200mm);
- Geosynthetic Clay Liner;
- Surface Water Drainage Layer;
- Protection Layer (min. 300mm); and
- Restoration Soils (min. 700mm of subsoil and/or top soil).

Carrying out the final capping and restoration as soon as possible after the rapid phase of settlement has completed will have major benefits in terms of leachate reduction and visual impact. The interim cap while serving a similar purpose to the final cap is designed to be cheaper to install, utilise leftover geotextiles from the previous capping operation while still being able to be upgraded to a permanent cap with minimal additional works should Cell 4 not be developed.

The tender evaluation process has now been completed using the eTendersNI web portal and it was recommended that FP McCann Ltd. be appointed at a tender price of £213,852.77. This compares favourably with the pre-tender estimate of £250,000. It is anticipated that the contractor will be on site in Mid-October with the work substantially complete by the Christmas holidays.

TULLYVAR TREASUREERS ADVICE LISTING

12/09/2017

CHEQUE NO	SUPPLIER NAME	£
598	Calvert Office Equipment	295.79
599	JB Plant Hire	480.00
600	Arco Ltd	160.90
601	AA Hydraulics	66.00
602	Galaxy Facilities Management	1,636.80
603	McHugh Crane Hire	504.00
604	Rea Bros	134.10
605	Road Safety Contracts	7,810.63
606	Renewable Power NI	1,814.04
607	Stinsons	40.80
608	PWT	232.20
609	WYG	3,175.19
610	WDR & RT Taggart	3,120.00
611	Cootes	210.48
612	CavanaghKelly	1,793.28
613	MUDC	110,269.31
614	Geotechnical Instruments	687.60
615	Hamilton Contracts	9,190.80
616	Brenntag	3,033.94
617	KDM Hire	3,151.10

147,806.96

TULLYVAR TREASUREERS ADVICE LISTING**09/10/2017**

CHEQUE NO	SUPPLIER NAME	£
618	Arco Ltd	273.30
619	BRIAN KEYS TRACTORS	183.06
620	McHugh Crane Hire	504.00
621	Road Safety Contracts	3,831.70
622	Renewable Power NI	2,020.42
623	THE PRINT FACTORY	714.00
624	WYG	3,760.74
625	Cootes	100.40
626	CONTRACT SERVICES DGN LTD	360.00
627	CLIVE RICHARDSON	14,925.60
628	MUDC	12,451.06
629	DRILLING AND PUMPING SUPPLIES	1,198.80
630	SHAW AUTOMATION	1,163.08
631	ISYS ENVIRONMENTAL	501.00
		41,987.16