

APPENDIX 3

SURFACE WATER SAMPLING FIELD MONITORING LOGS

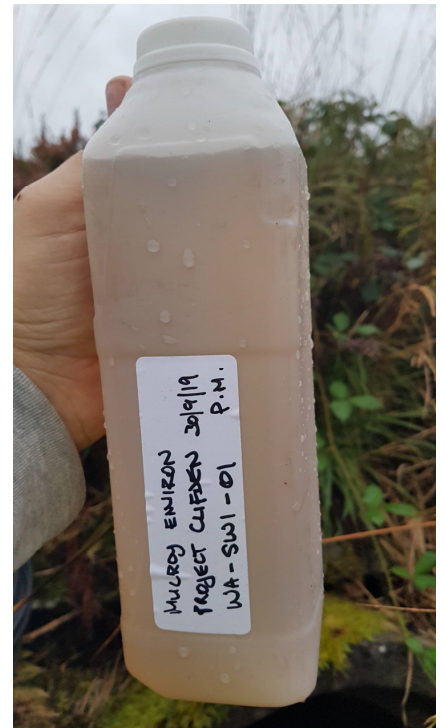
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SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS	
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment
Location:	Tullyvogheen, Clifden, County Galway
Sampler(s):	Padraic Mulroy
Date:	30/09/2019

MONITORING POINT DETAILS			
Monitoring Point No.:	SW1	Grid Reference:	(E) 67784.14
			(N) 251182.815



PHYSICO-CHEMICAL PARAMETERS

pH:	5.97		
Electrical Conductivity (µs/cm):	95.56		
Temperature (°C):	11.93		
Dissolved Oxygen (mg/l)	9.13		
Turbidity (FNU)	2.45		
Oxidation Reduction Potential (ORP) (mV)	160.47		

FIELD OBSERVATIONS

Colour:	Brown tannins from upland peat
Odour:	None
Sheen or Product Film:	None
Emulsified Product:	None



SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS	
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment
Location:	Tullyvogheen, Clifden, County Galway
Sampler(s):	Padraic Mulroy
Date:	30/09/2019

MONITORING POINT DETAILS			
Monitoring Point No.:	SW2	Grid Reference:	(E) 67512.244
			(N) 251149.22



PHYSICO-CHEMICAL PARAMETERS			
pH:	6.66		
Electrical Conductivity (µs/cm):	96.42		
Temperature (°C):	11.92		
Dissolved Oxygen (mg/l)	8.35		
Turbidity (FNU)	2.47		
Oxidation Reduction Potential (ORP) (mV)	86.83		

FIELD OBSERVATIONS	
Colour:	Brown peat tannins, slightly lower than SW1
Odour:	None
Sheen or Product Film:	None
Emulsified Product:	None



SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS	
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment
Location:	Tullyvogheen, Clifden, County Galway
Sampler(s):	Padraic Mulroy
Date:	30/09/2019

MONITORING POINT DETAILS			
Monitoring Point No.:	SW3	Grid Reference:	(E) 67468.152
			(N) 251092.544



PHYSICO-CHEMICAL PARAMETERS			
pH:	6.53		
Electrical Conductivity (µs/cm):	3.50		
Temperature (°C):	12.15		
Dissolved Oxygen (mg/l)	9.69		
Turbidity (FNU)	2.05		
Oxidation Reduction Potential (ORP) (mV)	124.30		

FIELD OBSERVATIONS	
Colour:	Peat tannins, less than SW2
Odour:	None
Sheen or Product Film:	None
Emulsified Product:	None



SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS	
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment
Location:	Tullyvogheen, Clifden, County Galway
Sampler(s):	Padraic Mulroy
Date:	30/09/2019

MONITORING POINT DETAILS			
Monitoring Point No.:	SW4	Grid Reference:	(E) 67297.458
			(N) 250784.389



PHYSICO-CHEMICAL PARAMETERS			
pH:	6.81		
Electrical Conductivity (µs/cm):	0.00		
Temperature (°C):	12.10		
Dissolved Oxygen (mg/l)	10.15		
Turbidity (FNU)	2.36		
Oxidation Reduction Potential (ORP) (mV)	146.47		

FIELD OBSERVATIONS	
Colour:	Peat tannins, less than SW3
Odour:	None
Sheen or Product Film:	None
Emulsified Product:	None



SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS	
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment
Location:	Tullyvogheen, Clifden, County Galway
Sampler(s):	Padraic Mulroy
Date:	30/09/2019

MONITORING POINT DETAILS			
Monitoring Point No.:	SW5	Grid Reference:	(E) 67310.317
			(N) 250508.951







PHYSICO-CHEMICAL PARAMETERS			
pH:	6.54		
Electrical Conductivity (µs/cm):	-		
Temperature (°C):	12.12		
Dissolved Oxygen (mg/l)	9.96		
Turbidity (FNU)	1.92		
Oxidation Reduction Potential (ORP) (mV)	155.92		

FIELD OBSERVATIONS	
Colour:	Low levels of peat tannins, less than SW4
Odour:	None
Sheen or Product Film:	None
Emulsified Product:	None



SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS			
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment		
Location:	Tullyvogheen, Clifden, County Galway		
Sampler(s):	Padraic Mulroy		
Date:	30/09/2019		
MONITORING POINT DETAILS			
Monitoring Point No.:	SW6	Grid Reference:	(E) 67338.942
			(N) 250440.213
<div style="display: flex; justify-content: space-around;">    </div>			
PHYSICO-CHEMICAL PARAMETERS			
pH:	6.60		
Electrical Conductivity (µs/cm):	-		
Temperature (°C):	11.89		
Dissolved Oxygen (mg/l)	11.07		
Turbidity (FNU)	0.83		
Oxidation Reduction Potential (ORP) (mV)	175.99		
FIELD OBSERVATIONS			
Colour:	Low levels of peat tannins, lower than SW5		
Odour:	None		
Sheen or Product Film:	None		
Emulsified Product:	None		
			

SURFACE WATER FIELD SAMPLING LOG

PROJECT DETAILS	
Project:	Tullyvogheen Historic Landfill - Surface Water Risk Assessment
Location:	Tullyvogheen, Clifden, County Galway
Sampler(s):	Padraic Mulroy
Date:	30/09/2019

MONITORING POINT DETAILS			
Monitoring Point No.:	SW7	Grid Reference:	(E) 67311.379
			(N) 250452.124



PHYSICO-CHEMICAL PARAMETERS			
pH:	6.37		
Electrical Conductivity (µs/cm):	46.90		
Temperature (°C):	11.86		
Dissolved Oxygen (mg/l)	10.32		
Turbidity (FNU)	0.73		
Oxidation Reduction Potential (ORP) (mV)	193.59		

FIELD OBSERVATIONS	
Colour:	Low levels of peat tannins, lower than SW5
Odour:	None
Sheen or Product Film:	None
Emulsified Product:	None



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