

LEGEND

-  Site Boundary
-  Special Area of Conservation (SAC)
-  Special Protected Area (SPA)
-  Proposed Natural Heritage Area (pNHA)

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Site Location & Proximity of SACs, pNHAs & SPAs

Scale:
1:20,000@A3

Prepared by: C.D.
Checked: P.M.
Date: 08-04-14

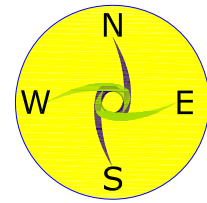
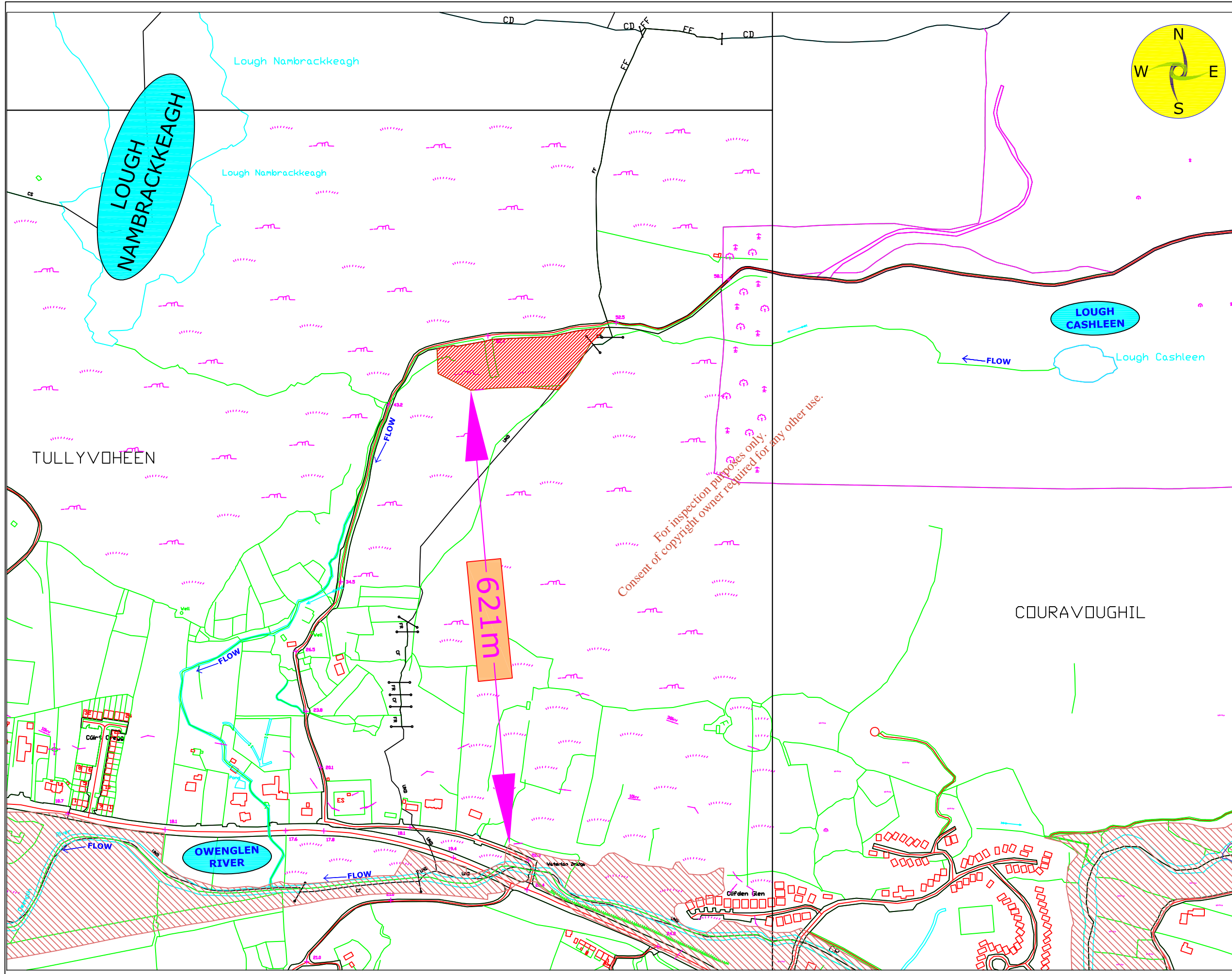
Project Director: P.MULROY





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Drawing No.: Figure 1

Issue: 0



LEGEND

-  Site Boundary
-  Special Area of Conservation
SAC No. 002031
The Twelve Bens/
Garaun Complex

NOTES

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation &
Tier 3 GQRA Assessment
of Former Tullyvogheen Landfill

Title:
Site Location
&
Proximity of SAC No. 002031,
The Twelve Bens/Garaun Complex

Scale:
1:5,000@A3

Prepared by: C.D.
Checked: P.M.
Date: 08-04-14

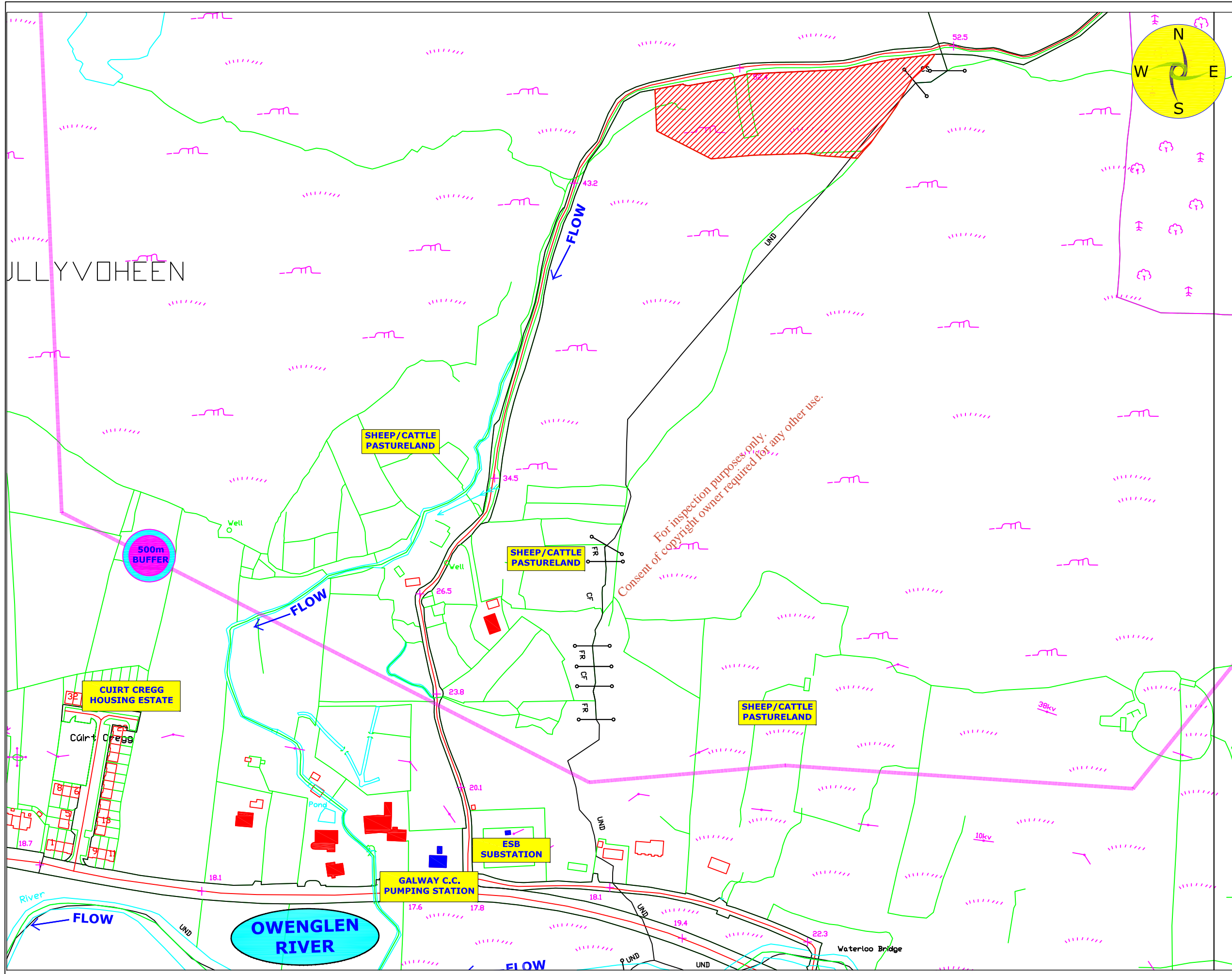
Project Director: P.MULROY







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Drawing No.: Figure 2

Issue: 0



LEGEND

-  Site Boundary
-  Residential Property
-  Public Property
-  500m Buffer

- NOTES**
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Site Location & Surrounding Property

Scale:
1:3,000@A3

Prepared by: C.D.
Checked: P.M.
Date: 08-04-14

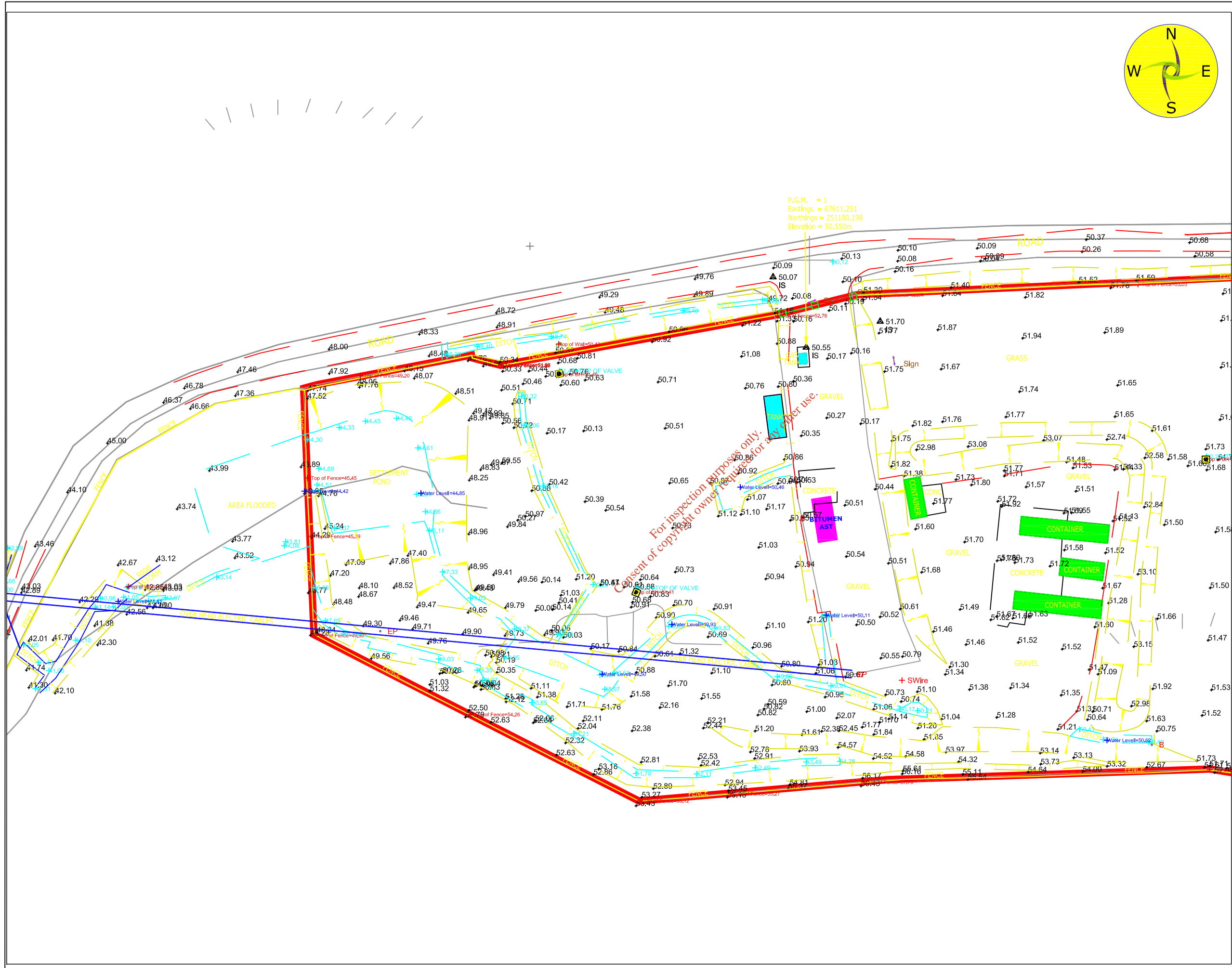
Project Director: P.MULROY



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Drawing No.: Figure 3

Issue: 0



P.G.M. = 1
 Eastings = 67611.251
 Northings = 251180.198
 Elevation = 50.550m

LEGEND



- NOTES
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Site Layout & Topographical Survey (Western Half)

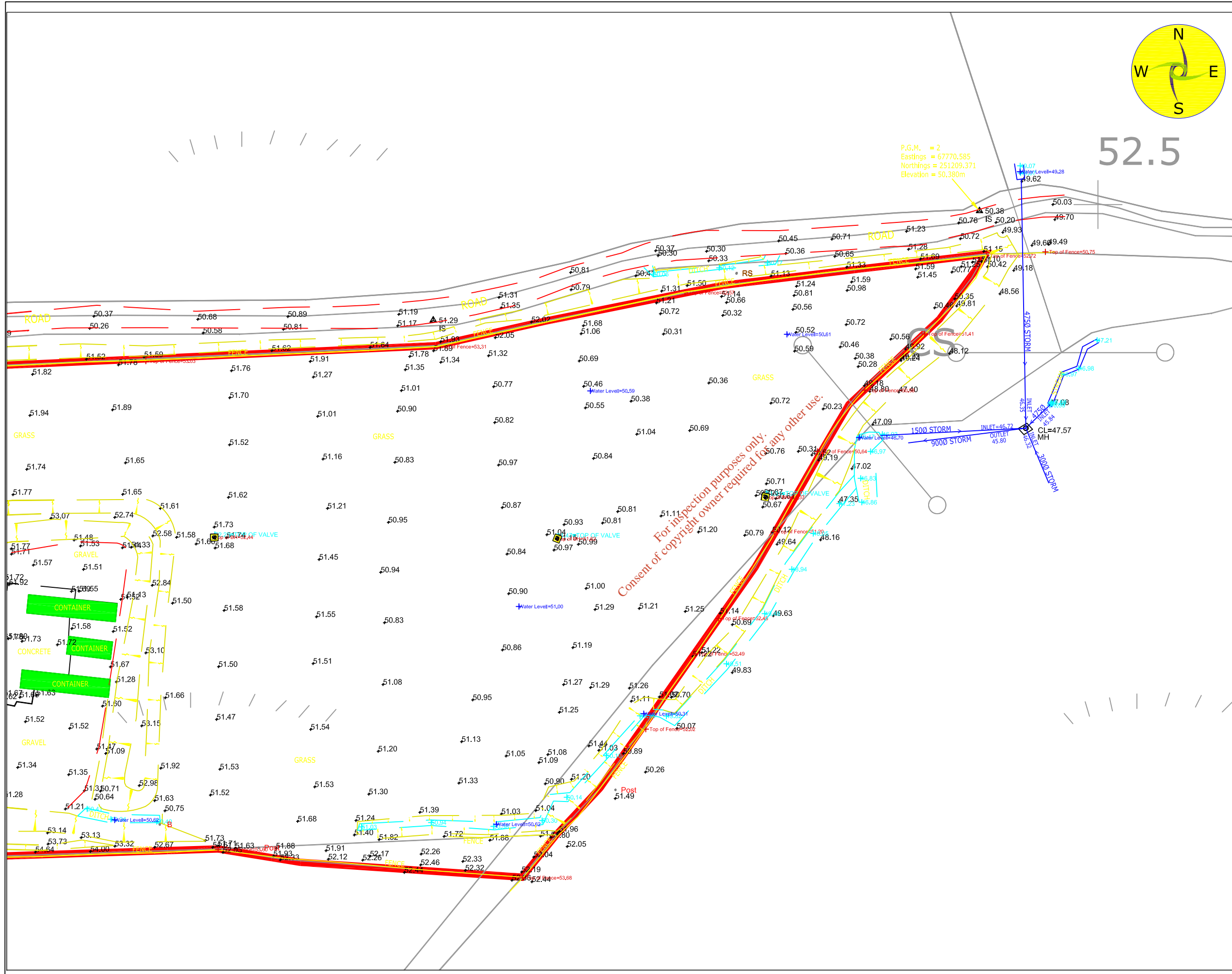
Scale:
1:500@A3

Prepared by: G.F. Checked: P.M. Date: 08-04-14

Project Director: P.MULROY

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Drawing No.: Figure 4 Issue: 0



LEGEND



- NOTES
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Site Layout & Topographical Survey (Eastern Half)

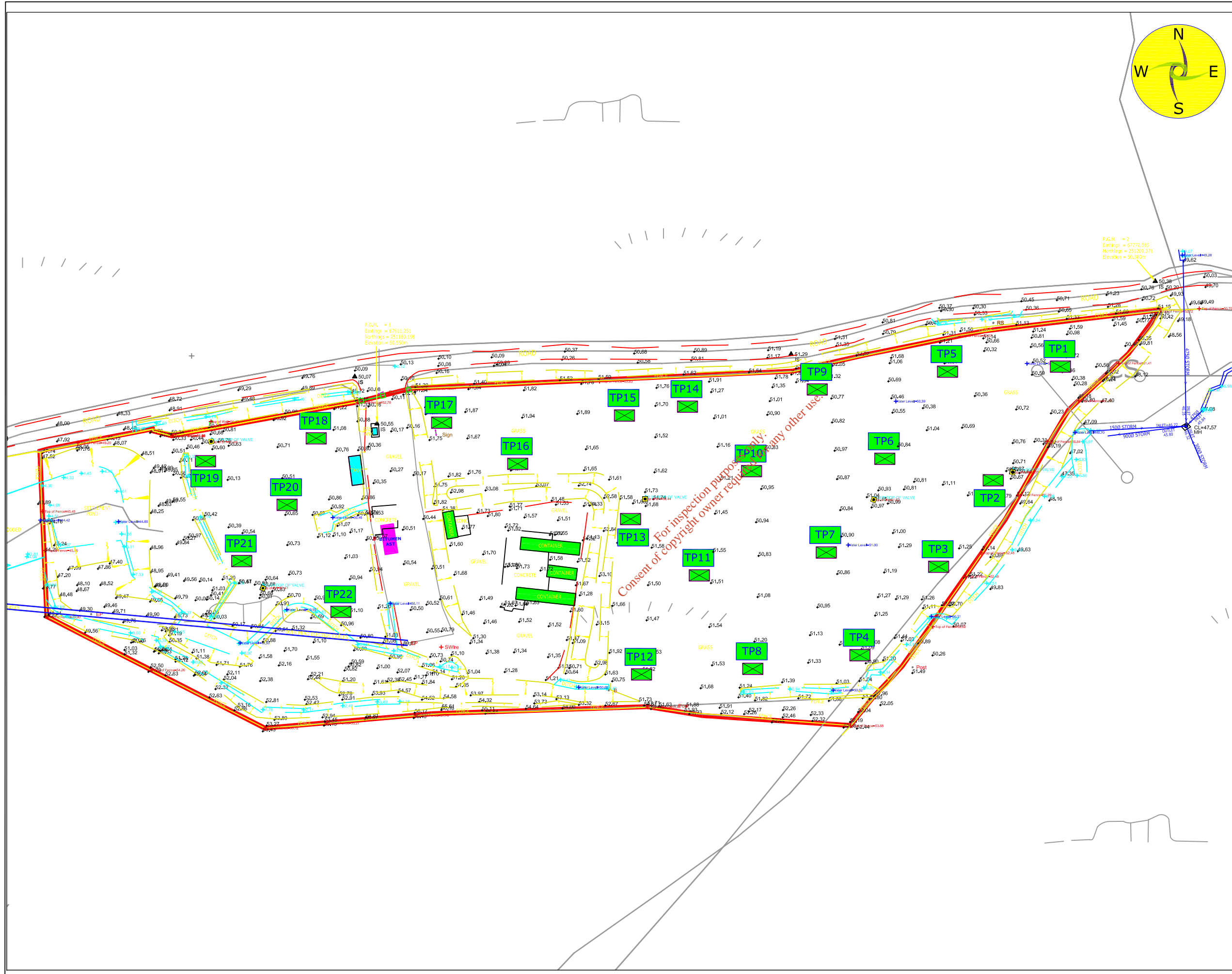
Scale:
1:500@A3

Prepared by: G.F. Checked: P.M. Date: 08-04-14
Project Director: P.MULROY





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Drawing No.: Figure 5 Issue: 0



LEGEND

-  Site Boundary
-  Trialpit Location

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Trialpit Locations

Scale:
1:750@A3

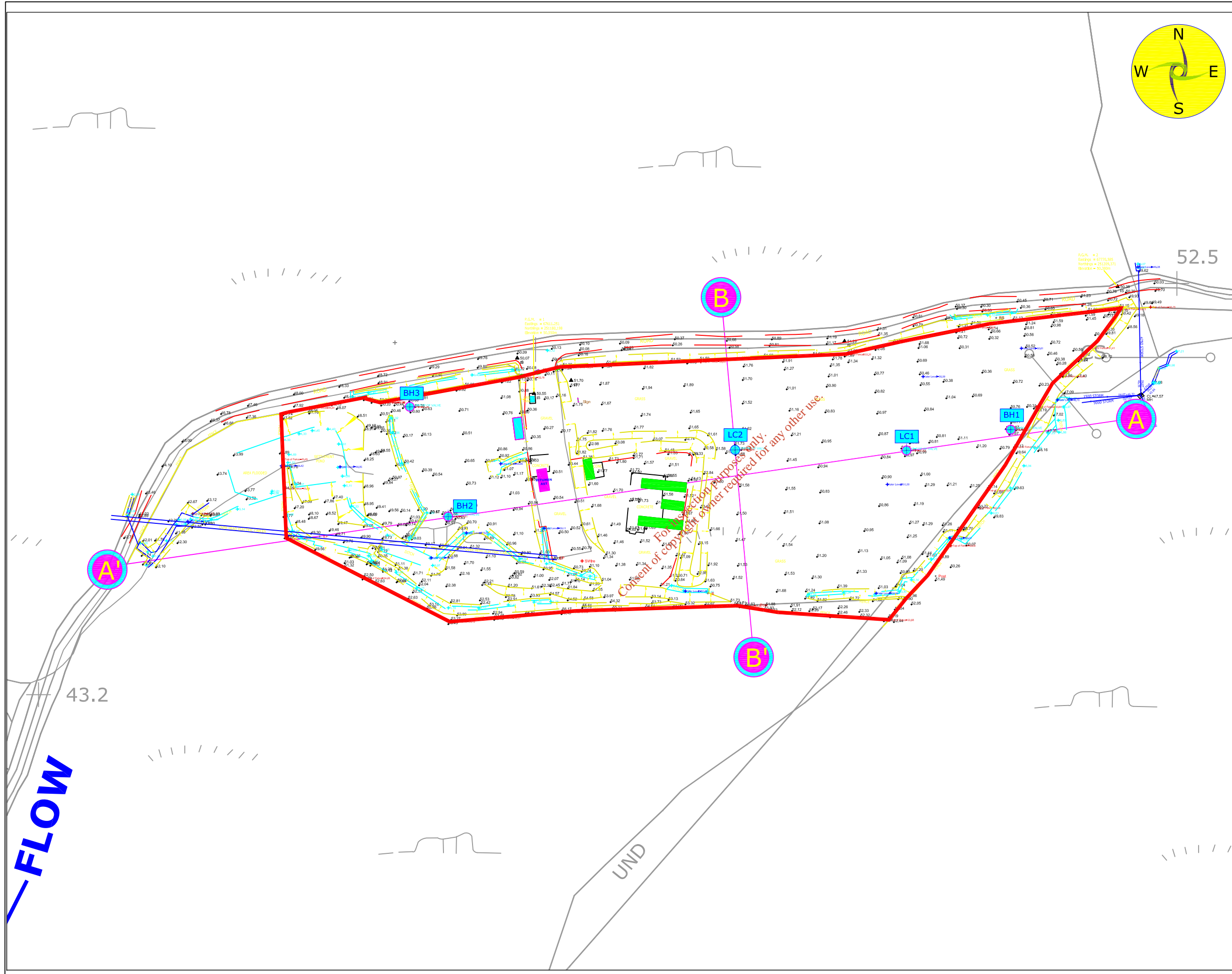
Prepared by: G.F. Checked: P.M. Date: 29-05-14

Project Director: P.MULROY







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Drawing No.: **Figure 6** Issue: **0**



LEGEND

-  Site Boundary
-  Groundwater Monitoring Borehole Location
-  Leachate Monitoring Well Location
-  Section Line Location

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:	Galway County Council		
Project:	Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill		
Title:	Groundwater Monitoring Well, Leachate Well Locations & Section Locations		
Scale:	1:1,000@A3		
Prepared by:	Checked:	Date:	
G.F.	P.M.	29-05-14	
Project Director:	P.MULROY		



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Drawing No.: Figure 7

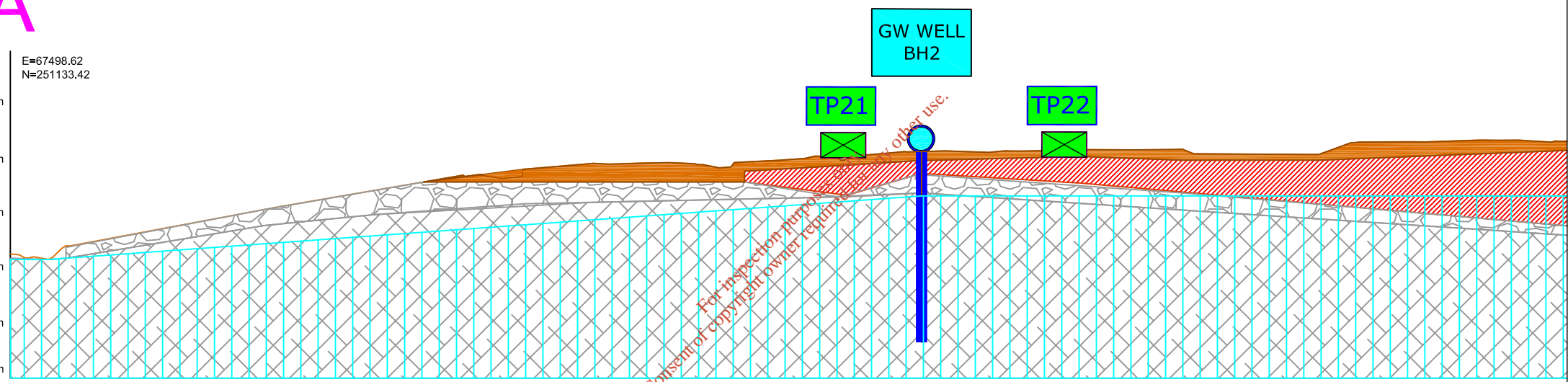
Issue: 0

A'








E=67498.62
N=251133.42

55.00m
50.00m
45.00m
40.00m
35.00m
Datum 30.00m

Vt Scale 1:500
Hz Scale 1:500



LEGEND

-  Landfill cap (silty PEAT)
-  Domestic WASTE
-  Underlying GRAVEL/PEAT
-  Approximate depth of BEDROCK
-  Approximate location of groundwater table
-  Trialpit marker
-  Borehole marker

- NOTES
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Section A-A' (East to West, See Figure 7)

Scale:
1:500@A3

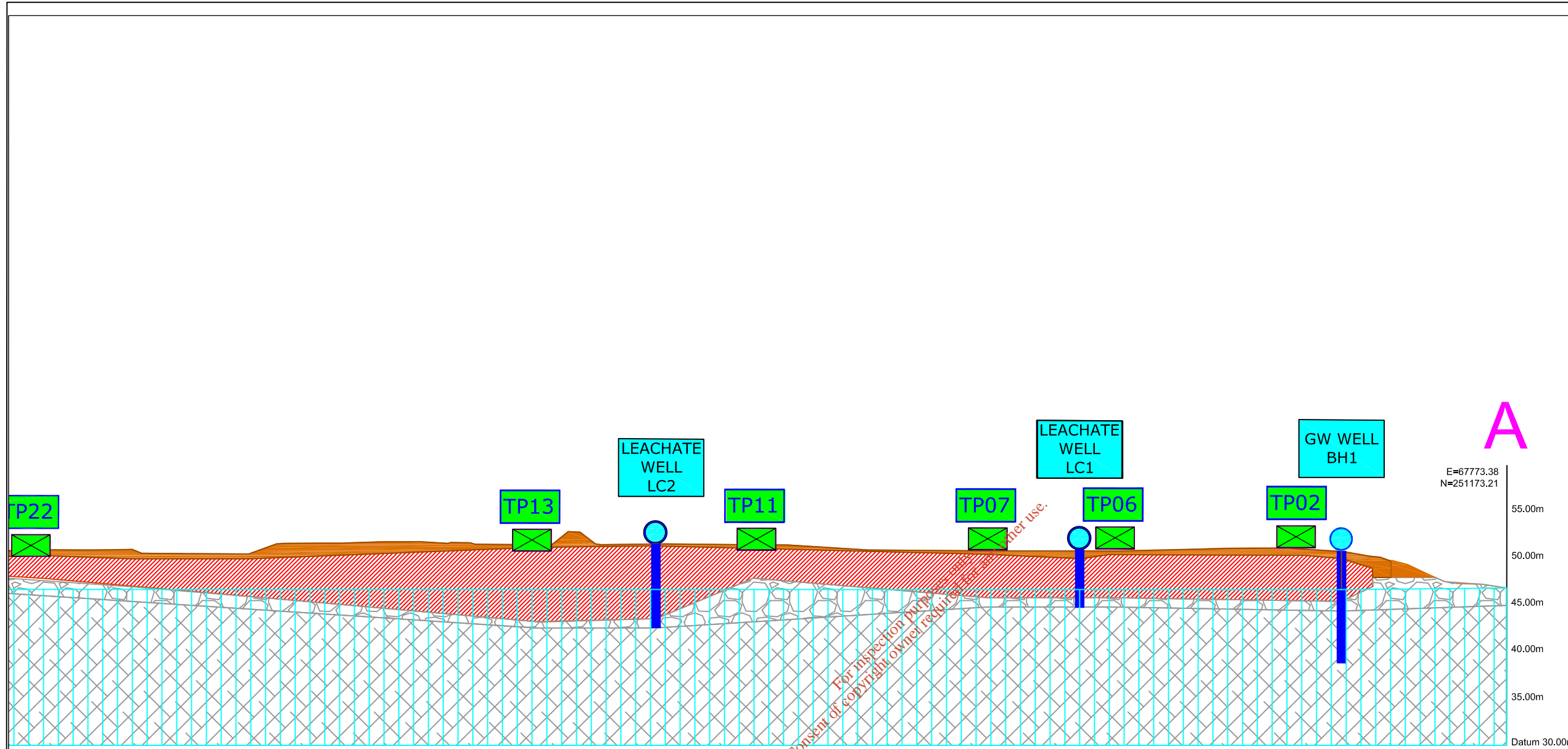
Prepared by: G.F. Checked: P.M. Date: 28-05-14

Project Director: P.MULROY



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Drawing No.: Figure 8 Issue: 0



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LEGEND

- Landfill cap (silty PEAT)
- Domestic WASTE
- Underlying GRAVEL/PEAT
- Approximate depth of BEDROCK
- Approximate location of groundwater table
- Trialpit marker
- Borehole marker

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

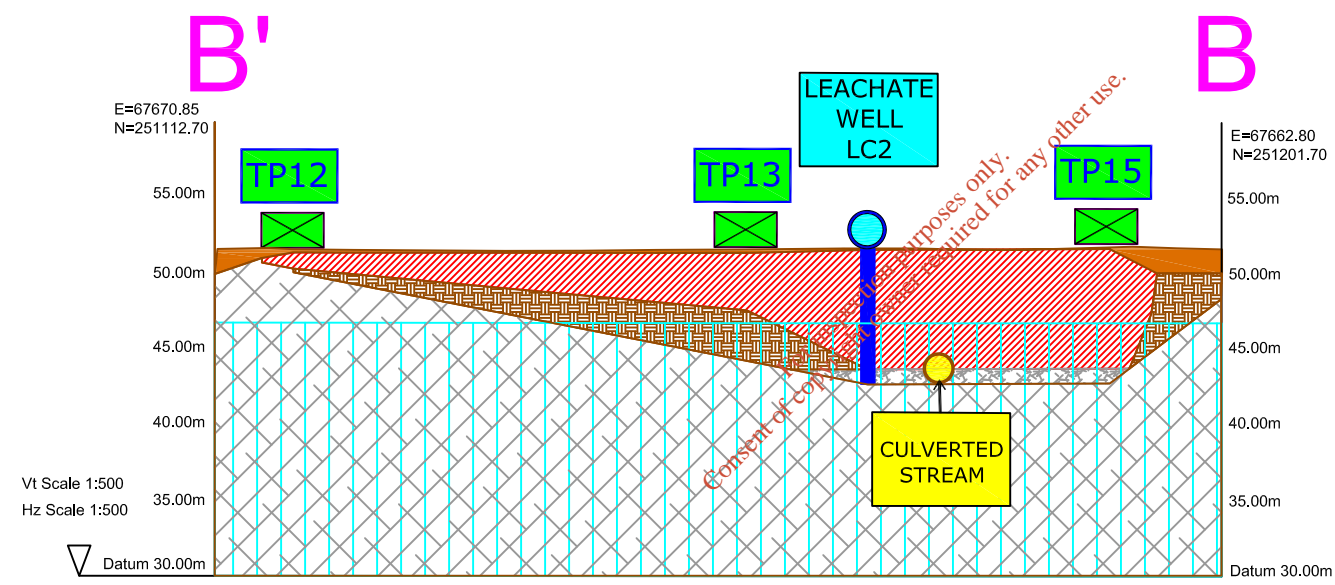
Client: Galway County Council			
Project: Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill			
Title: Section A-A' (East to West, See Figure 7)			
Scale: 1:500@A3			
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Prepared by: G.F.	Checked: P.M.	Date: 28-05-14	
Project Director: P.MULROY			












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Issue: 0

Drawing No.: Figure 8



LEGEND

-  Landfill cap (silty PEAT)
-  Domestic WASTE
-  Underlying PEAT
-  Underlying GRAVEL
-  Approximate depth of BEDROCK
-  Approximate location of groundwater table
-  Trialp pit marker
-  Borehole marker
-  Approximate location of culverted stream

Issue	Date	Description	By	Chkd.

Client: Galway County Council

Project: Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title: Section B-B' (See Figure 7)

Scale: 1:500@A3

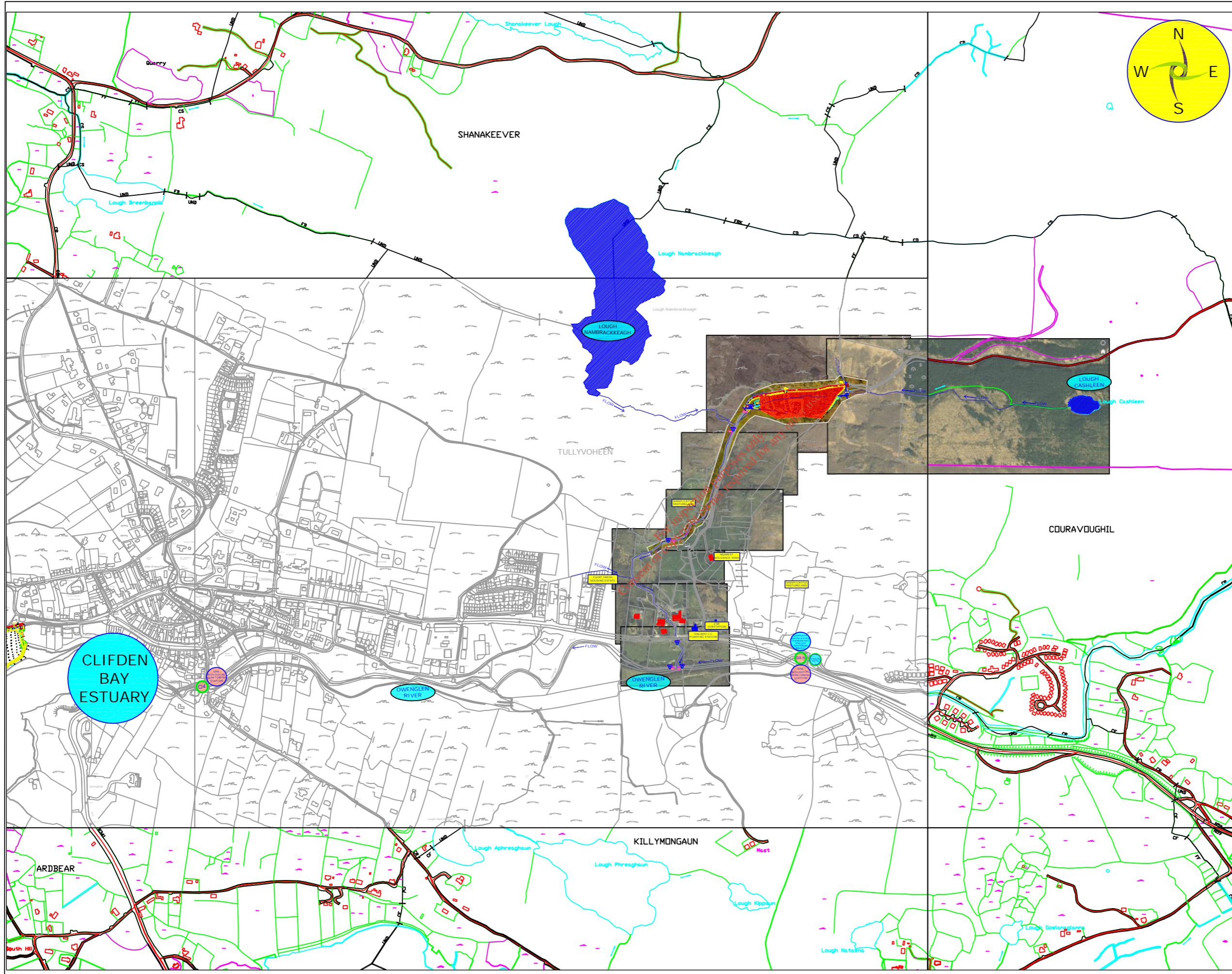
Prepared by: G.F. Checked: P.M. Date: 9-07-14

Project Director: P.MULROY










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Drawing No.: Figure 9 Issue: 0



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.
A	15.11.19	Scale increase from 1:1250 to 1:10,000 to show full extent of catchment, EPA Monitoring Locations, Hydrometric Station & SW & Invertebrate monitoring points	M.B.	P.M.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GORA Assessment of Former Tullyvogheen Landfill

Title:
Extent of Surface Water Network in vicinity of Tullyvogheen Historic Landfill, EPA Biological Monitoring Point Locations, Hydrometric Station, Surface Water Monitoring Point & Invertebrate Kick Sample Locations

Scale:
1:10,000@A3

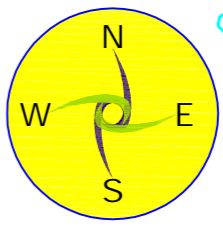
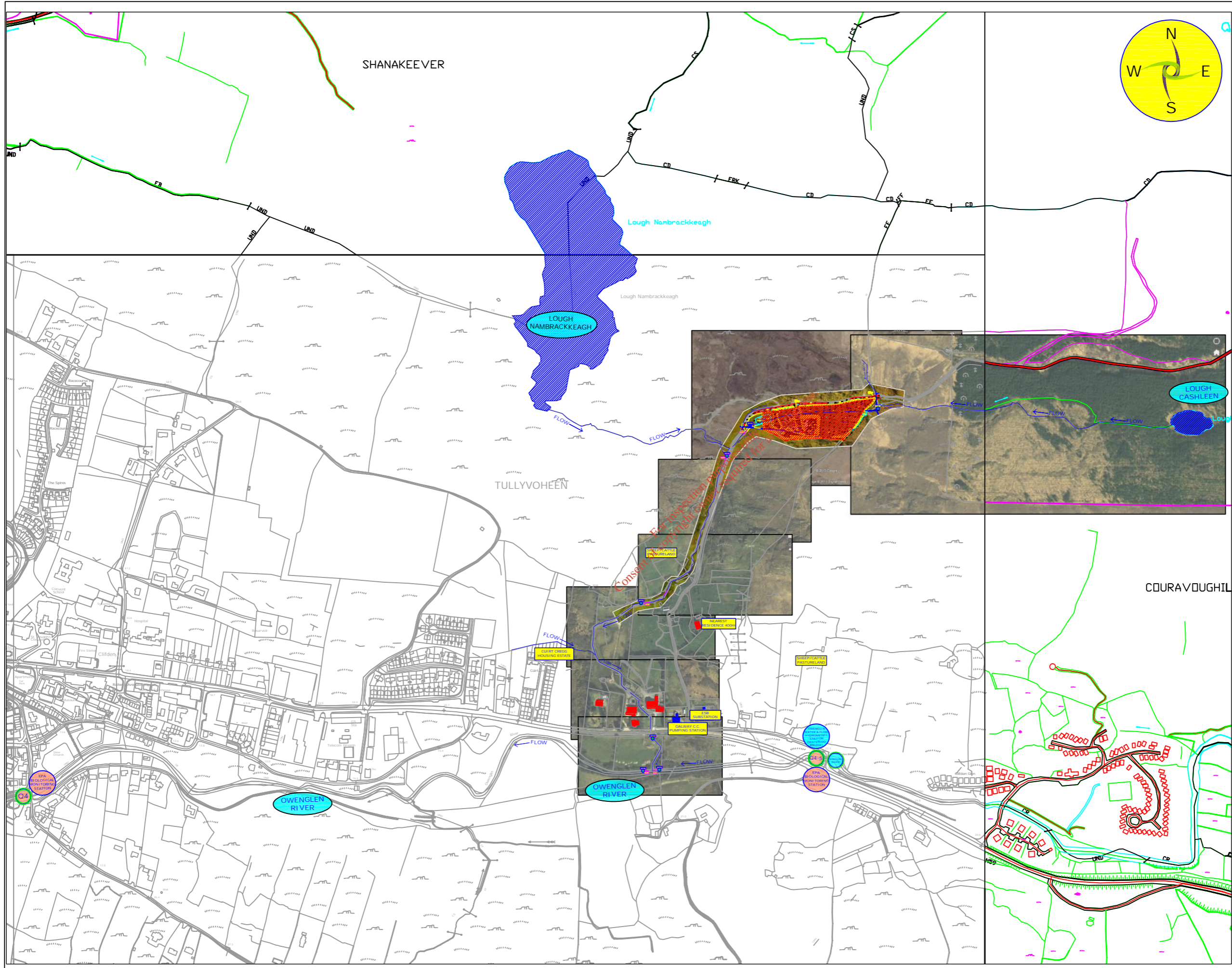
Prepared by: M.B. Checked: P.M. Date: 15-11-19

Project Director: P.MULROY










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Drawing No.: Figure 10 Issue: A



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

A	15.11.19	Scale increase from 1:1250 to 1:10,000 to show full extent of catchment, EPA Monitoring Locations, Hydrometric Station & SW & Invertebrate monitoring points	M.B.	P.M.
Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GORA Assessment of Former Tullyvogheen Landfill

Title:
Extent of Surface Water Network in vicinity of Tullyvogheen Historic Landfill, EPA Biological Monitoring Point Locations, Hydrometric Station, Surface Water Monitoring Point & Invertebrate Kick Sample Locations

Scale:
1:7,500@A3

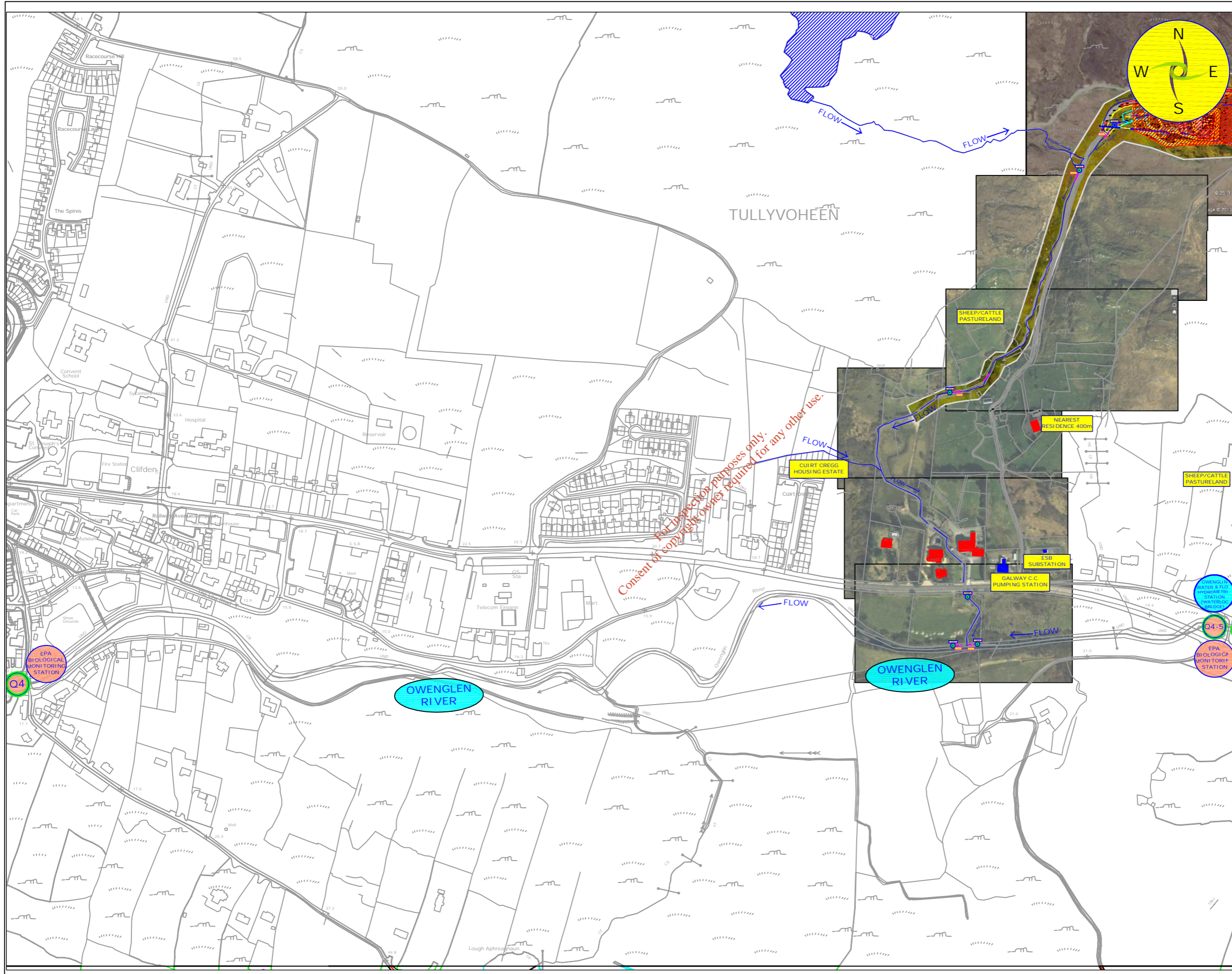
Prepared by: M.B. Checked: P.M. Date: 16-11-19

Project Director: P.MULROY










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Drawing No.: Figure 11 Issue: 0



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 QORA Assessment of Former Tullyvogheen Landfill

Title:
EPA Biological Monitoring Point Locations, Hydrometric Station, Surface Water Monitoring Point & Invertebrate Kick Sample Locations

Scale:
1:5,000@A3

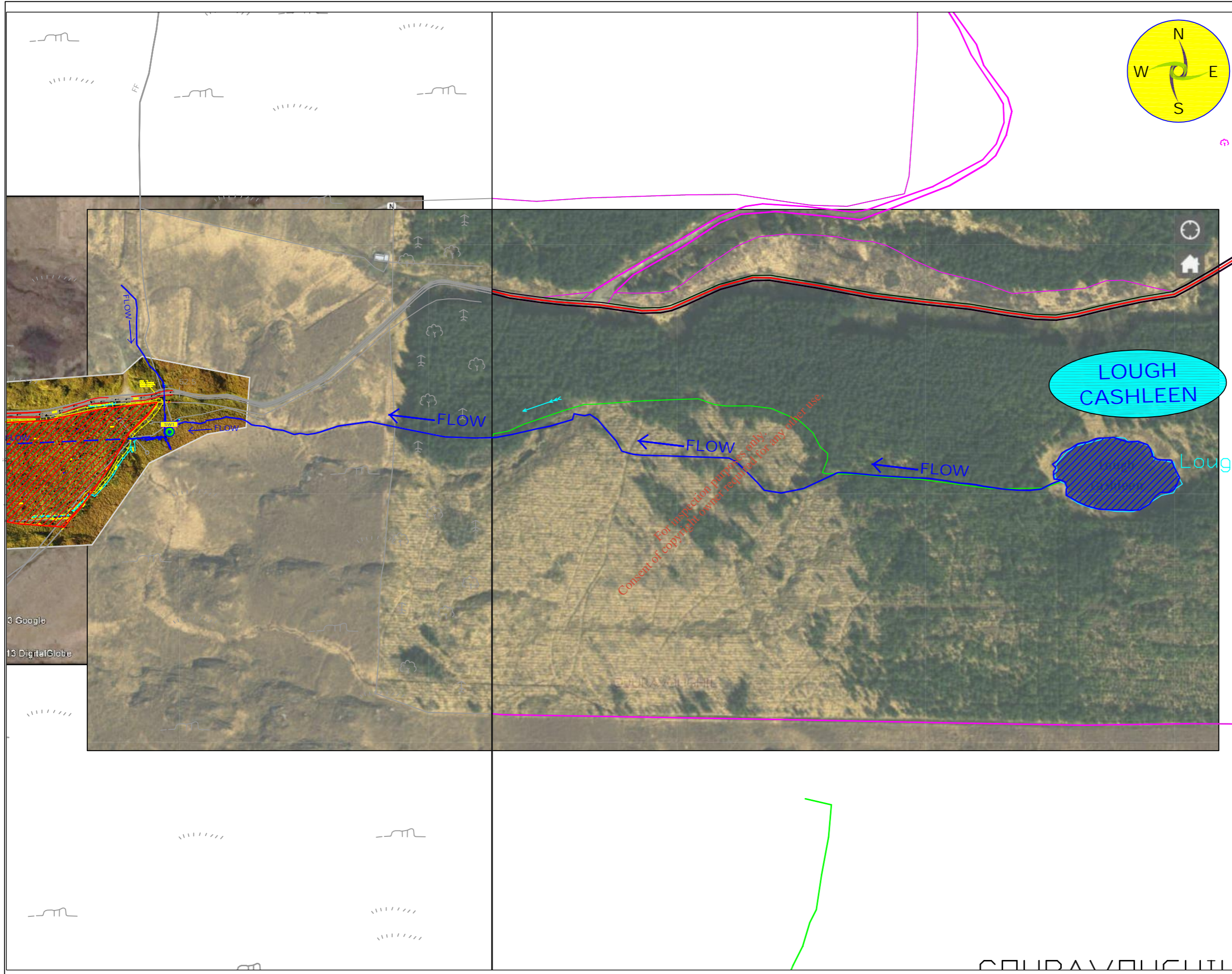
Prepared by: M.B. Checked: P.M. Date: 16-11-19
Project Director: P.MULROY










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Issue: 0
Drawing No.: Figure 12

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LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 QORA Assessment of Former Tullyvogheen Landfill

Title:
Source of Stream (Lough Cashleen) to East of Tullyvogheen Historic Landfill and Upgradient Surface Water Monitoring Point Location SW1 (East of Landfill)

Scale:
1:2,500@A3

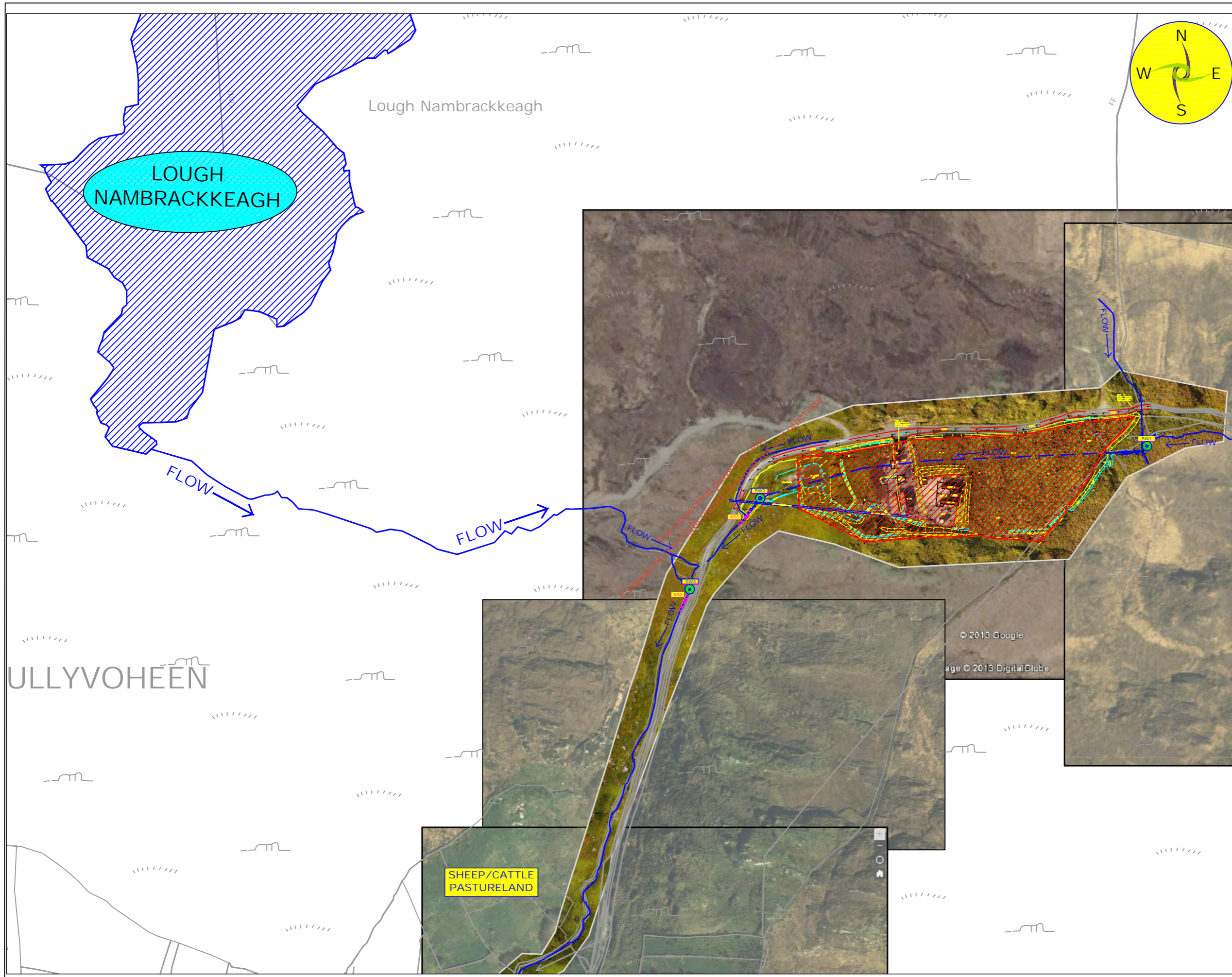
Prepared by: M.B. Checked: P.M. Date: 16-11-19

Project Director: P.MULROY










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Drawing No.: Figure 13 Issue: 0



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

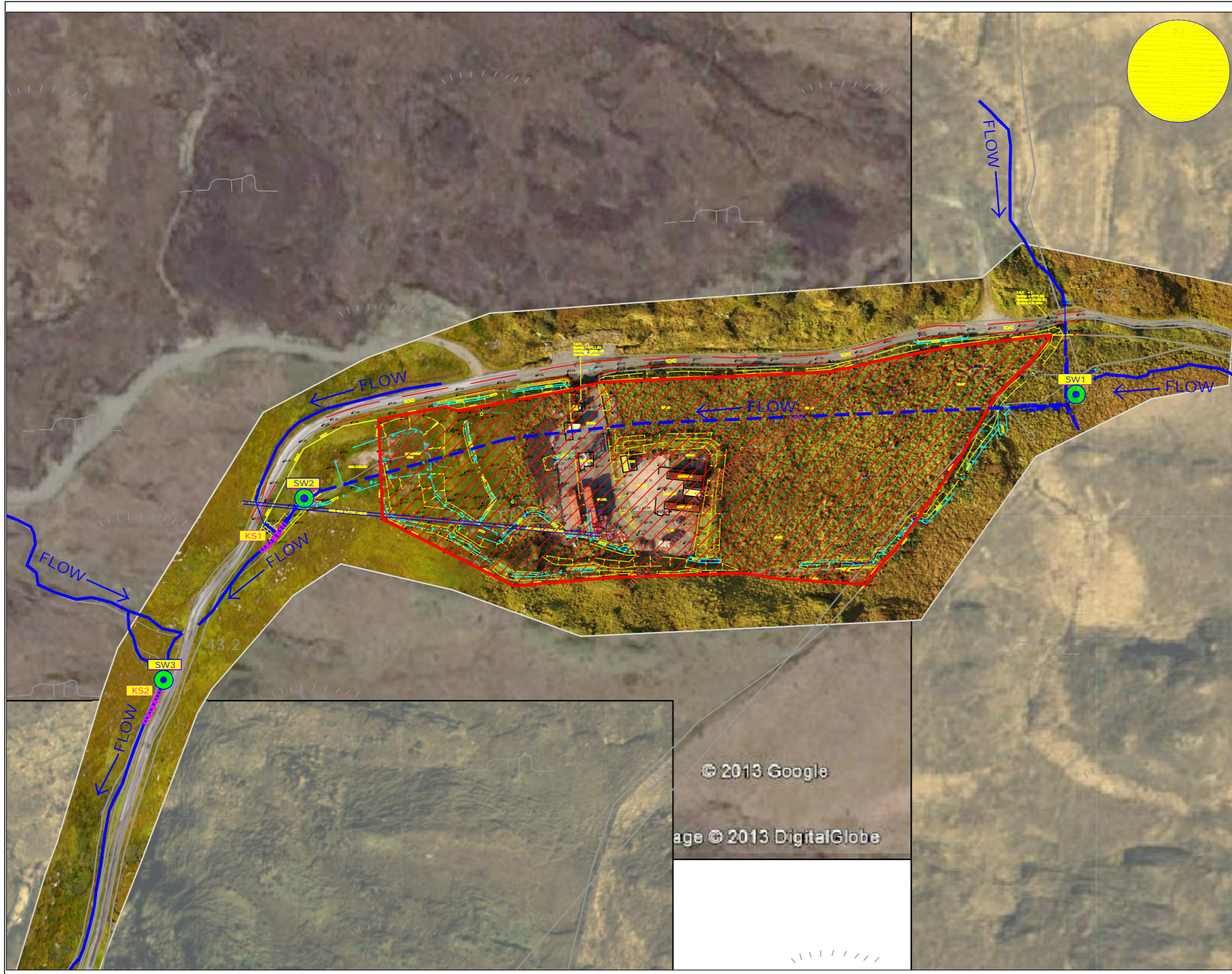
Issue	Date	Description	By	Chkd.

Client:
Galway County Council
Project:
Tier 2 Site Investigation & Tier 3 QORA Assessment of Former Tullyvogheen Landfill
Title:
Surface Water Catchment Northwest of Tullyvogheen Historic Landfill, Nanbrackagh Reservoir and Downgradient Surface Water Monitoring Point Locations SW2 & SW3
Scale:
1:2,500@A3
Prepared by:
M.B. Checked: P.M. Date: 16-11-19
Project Director:
P.MULROY










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Drawing No.: Figure 14 Issue: 0



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

NOTES

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Surface Water Catchment in Vicinity of Tullyvogheen Historic Landfill, Surface Water Monitoring Point Locations SW1-SW3 & Invertebrate Kick Sampling Locations KS1 & KS2

Scale:
1:1,250@A3

Prepared by: M.B. **Checked:** P.M. **Date:** 16-11-19

Project Director: P.MULROY



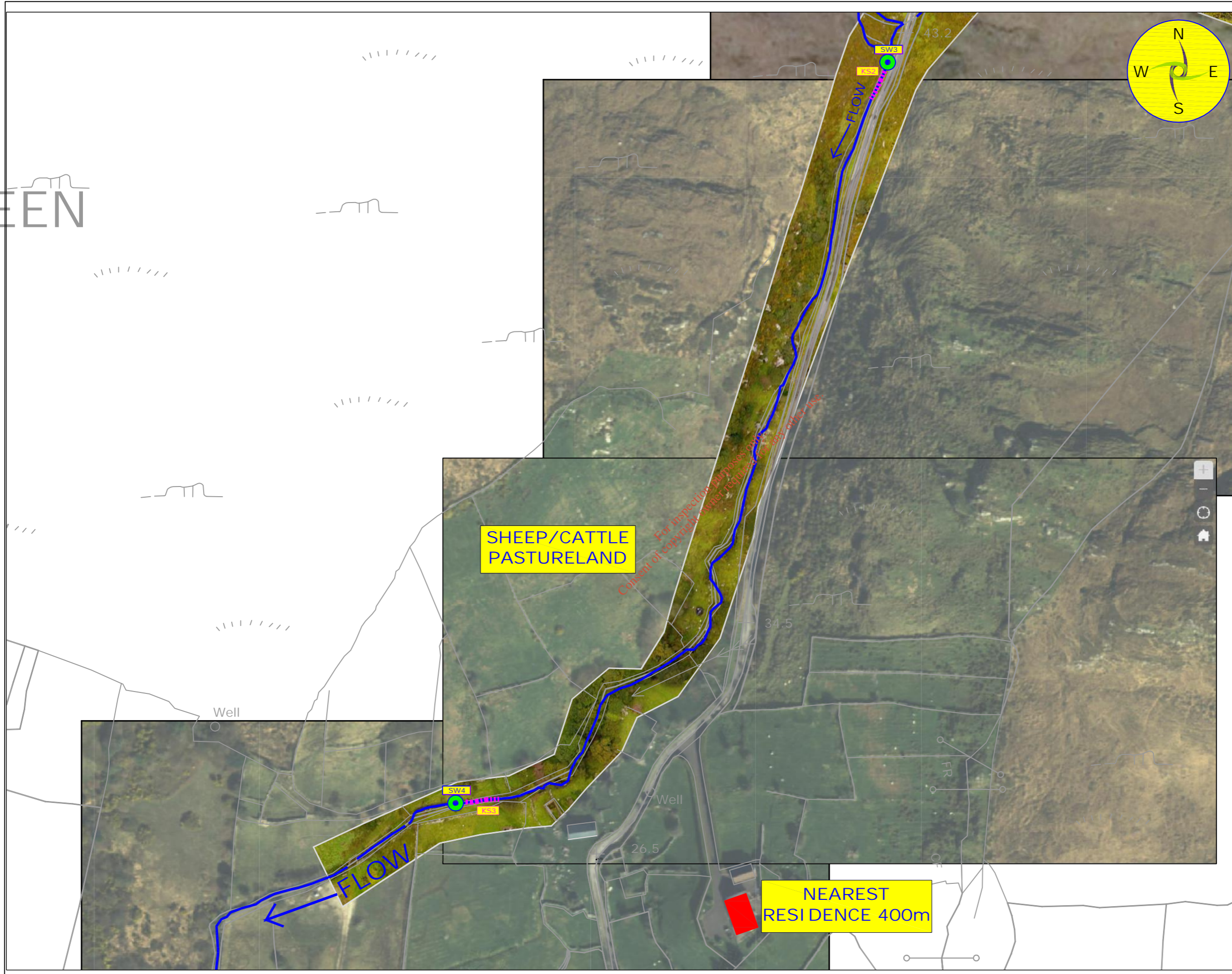
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Issue: 0








Drawing No.: Figure 15

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LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GORA Assessment of Former Tullyvogheen Landfill

Title:
Surface Water Catchment Near Sheep Farm and Residence, Surface Water Monitoring Point Locations SW3 & SW4 & Invertebrate Kick Sampling Locations KS2 & KS3

Scale:
1:1,500@A3

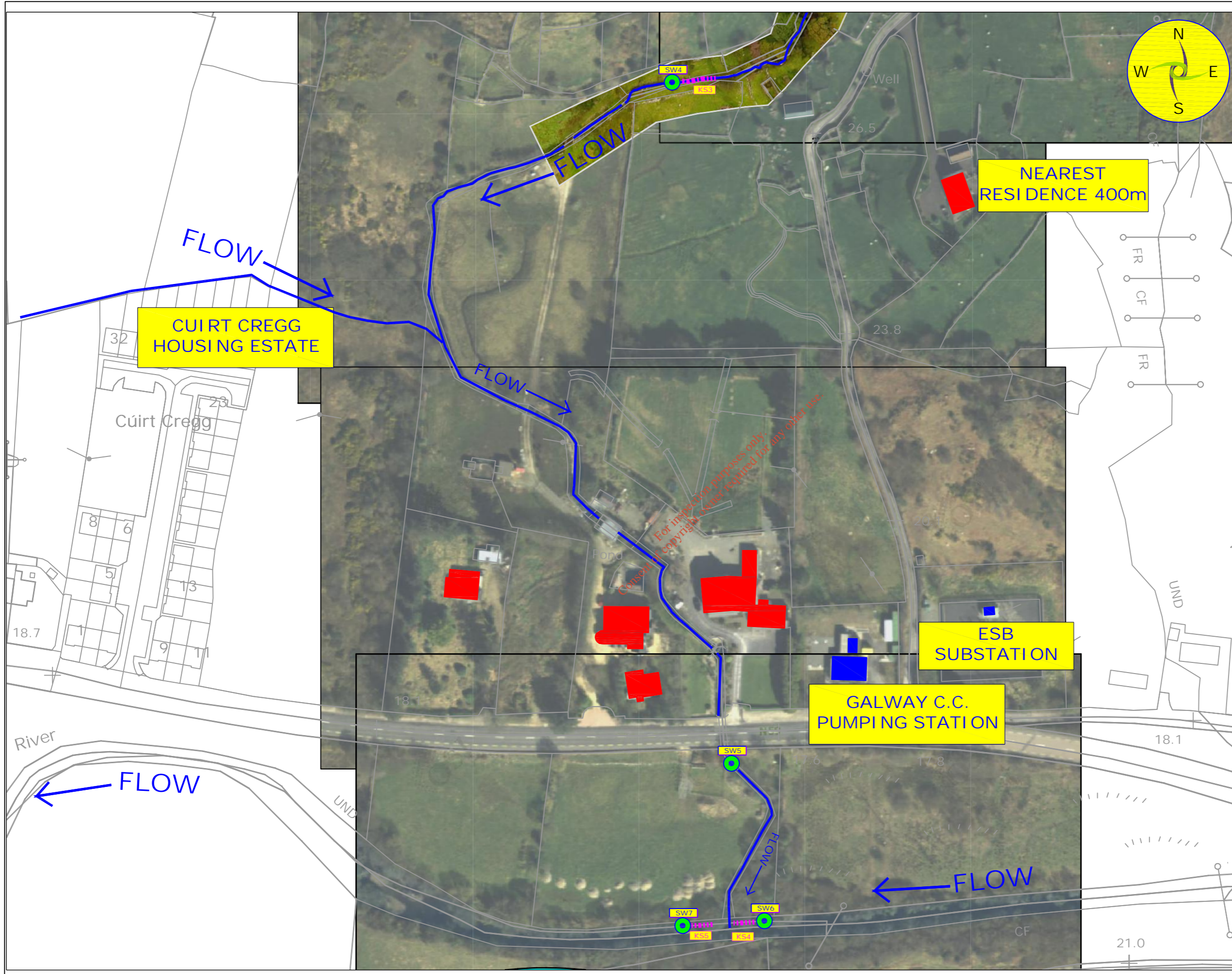
Prepared by:	Checked:	Date:
M.B.	P.M.	16-11-19

Project Director: P.MULROY










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Drawing No.: Figure 16 Issue: 0



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
 2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GORA Assessment of Former Tullyvogheen Landfill

Title:
Surface Water Catchment Near Regional Road, Guest House & Residences & Downgradient Surface Water Monitoring Point Locations SW4-SW7 & Invertebrate Kick Sampling Locations KS3, KS4 & KS5

Scale:
1:1,500@A3

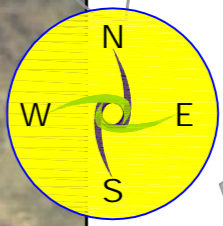
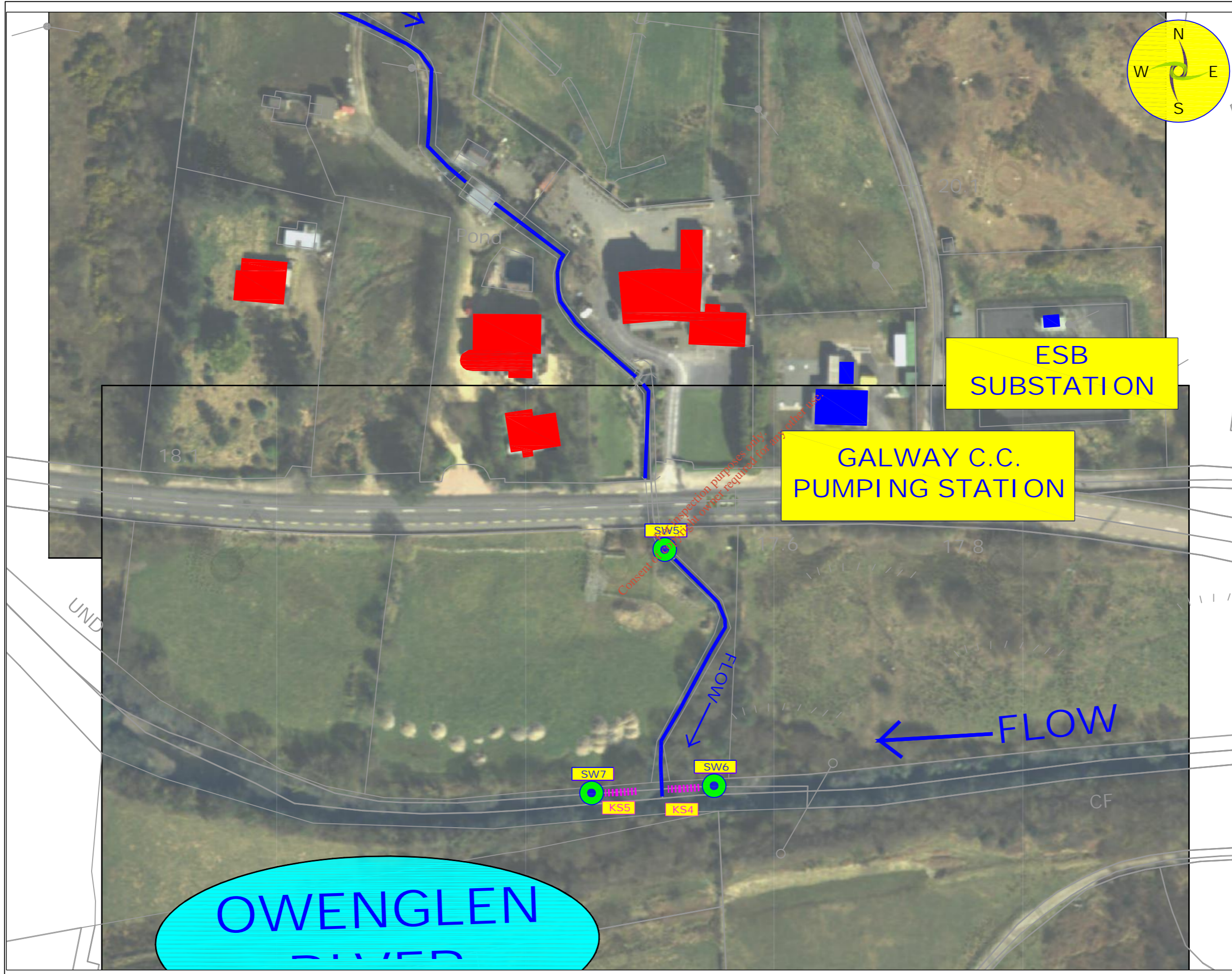
Prepared by: M.B. Checked: P.M. Date: 16-11-19

Project Director: P.MULROY










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Drawing No.: Figure 17 Issue: 0



LEGEND

-  Site Boundary
-  EPA Biological Monitoring Station
-  Hydrometric Station Location
-  Surface Water Monitoring Point Location
-  Invertebrate Kick Sample Location
-  Surface Water Body
-  Culverted Surface Water Body

NOTES

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
2. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

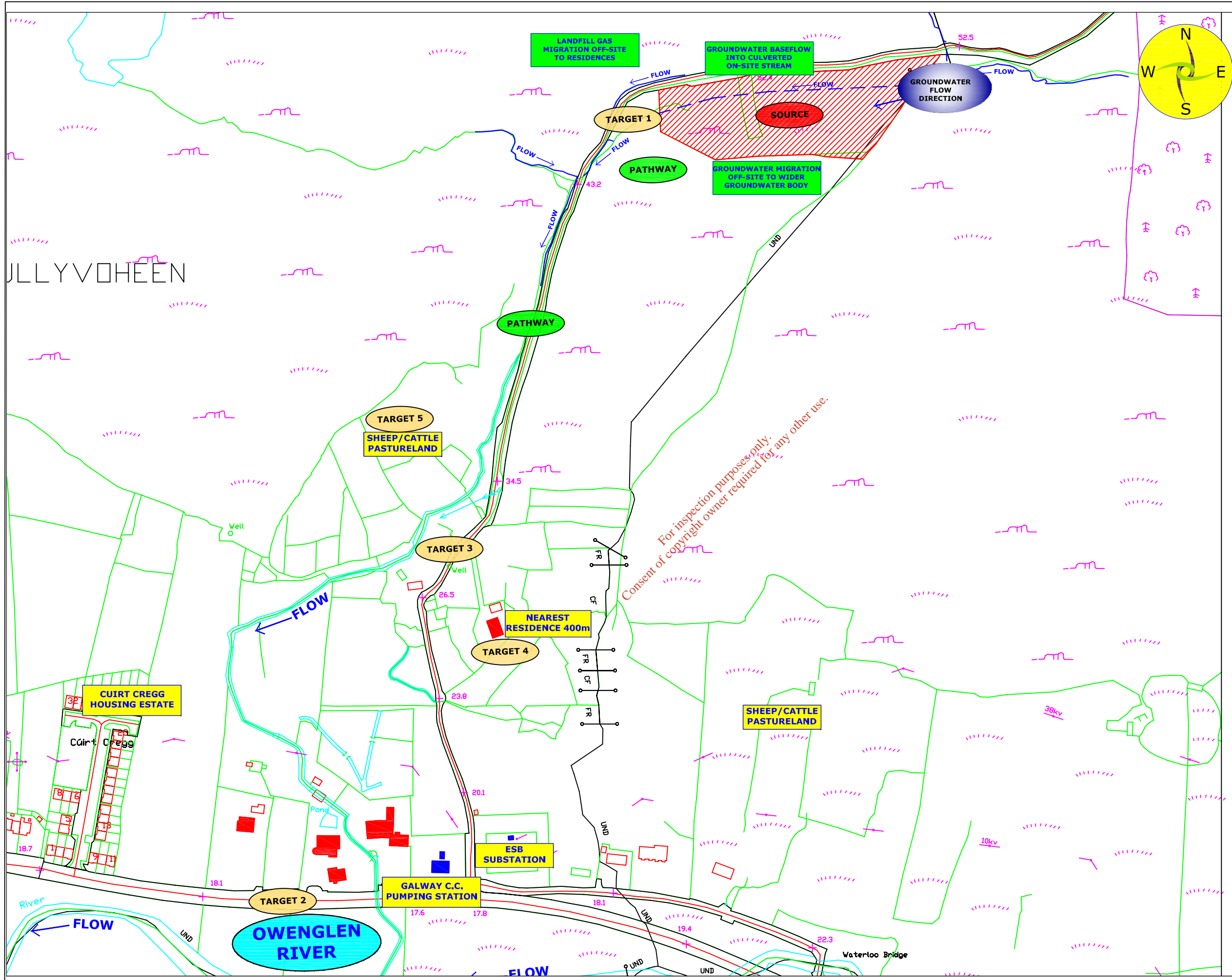
Issue	Date	Description	By	Chkd.

Client:		Galway County Council		
Project:		Tier 2 Site Investigation & Tier 3 QORA Assessment of Former Tullyvogheen Landfill		
Title:		Surface Water Catchment Near Regional Road, Guest House & Residences & Downgradient Surface Water Monitoring Point Locations SW5-SW7 & Invertebrate Kick Sampling Locations KS4 & KS5		
Scale:		1:1,000@A3		
Prepared by:	Checked:	Date:		
M.B.	P.M.	16-11-19		
Project Director:		P.MULROY		













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Drawing No.: Figure 18 Issue: 0



LEGEND

-  Site Boundary
-  Residential Property
-  Public Property
-  Remaining residual waste contaminants from Domestic Waste on site
-  Migration by groundwater, surface water or landfill gas through overburden
-  Culverted stream
-  Owenglen River
-  Residence Water Abstraction Well
-  Residence 400m SW of site
-  Livestock off-site

Issue	Date	Description	By	Chkd.

Client:
Galway County Council

Project:
Tier 2 Site Investigation & Tier 3 GQRA Assessment of Former Tullyvogheen Landfill

Title:
Conceptual Site Model (CSM)

Scale:
1:3,000@A3

Prepared by: P.MCC. Checked: P.M. Date: 10-07-14

Project Director: P.MULROY



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Drawing No.: Figure 19 Issue: 0

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