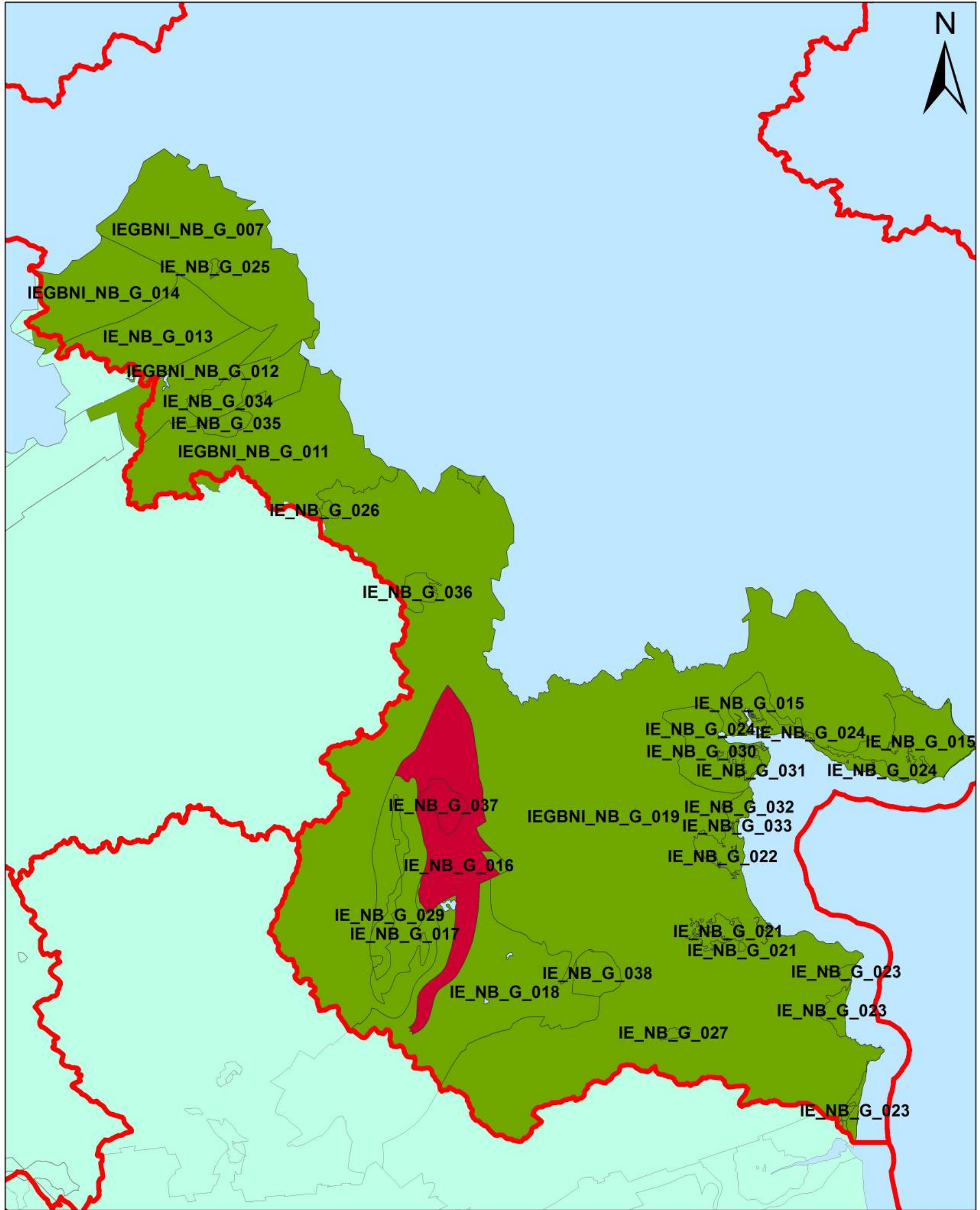


**Neagh-Bann IRBD
Groundwater Action Programme**



 **River Basin Districts**

Status Classification

 Good

 Poor

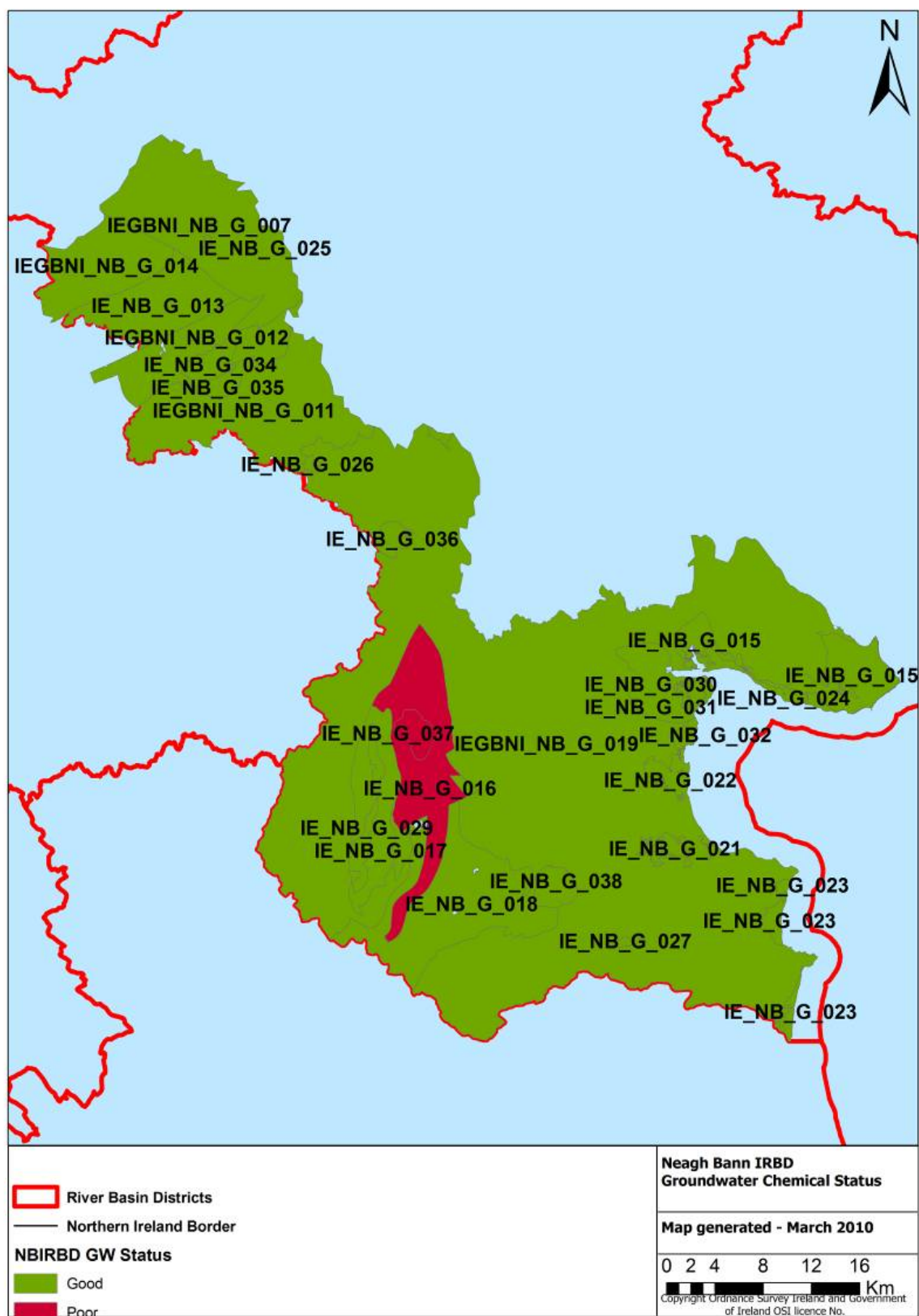
**Neagh-Bann IRBD
Groundwater WMU
Water Mangement Unit**

Map generated - December 2009

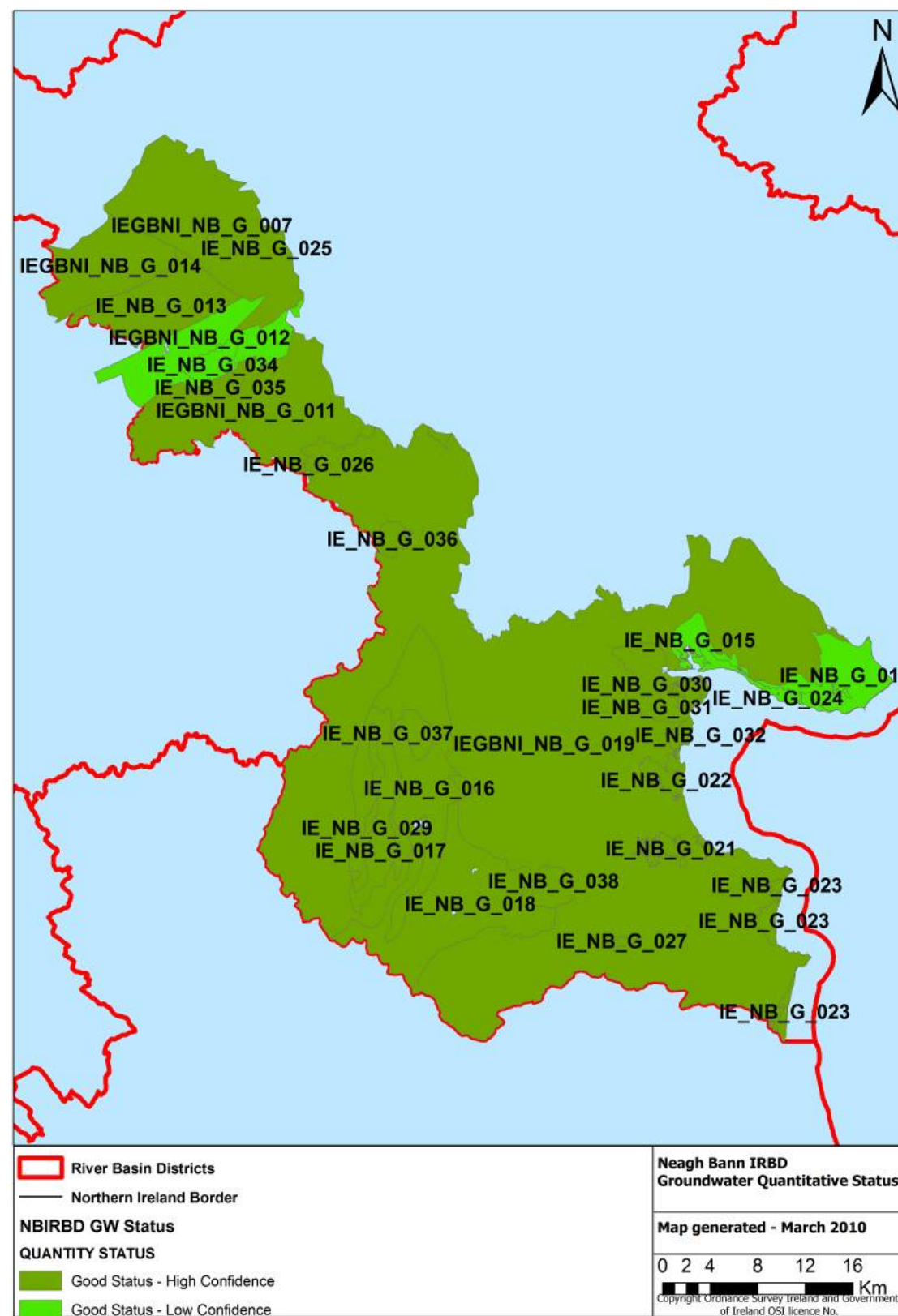
0 1.5 3 6 9 12
Km

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Neagh-Bann IRBD GW Quantitative Status



Neagh-Bann IRBD GW Chemical Status



Neagh-Bann IRBD Groundwater Action Plan	
Area of Groundwater (Area within ROI)	1,805 km ²
No of Groundwater Bodies (Within ROI)	28
Groundwater Protected Areas	All 28 Groundwater Bodies are classed as Drinking Water Protected Areas 0 Groundwater Dependent Terrestrial Ecosystems (GWDTE):

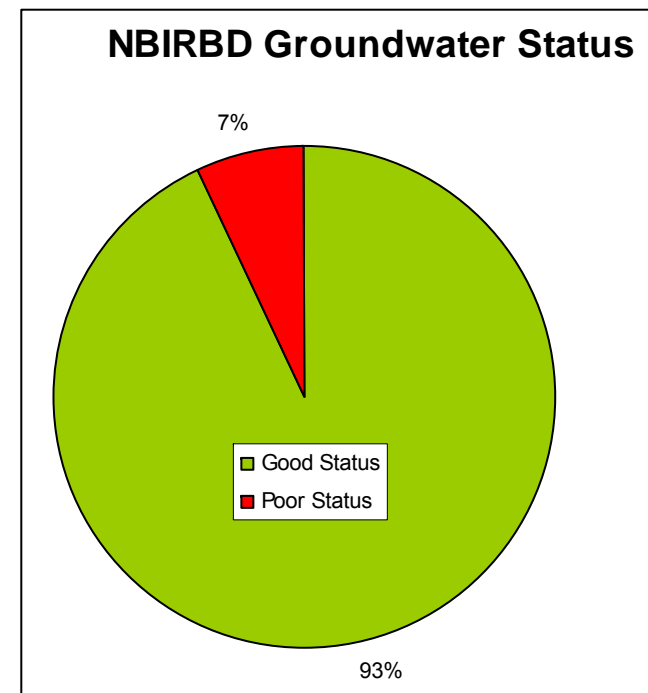
STATUS/IMPACTS	
Overall status	Overall Groundwater Status in the NBIRBD is good. 26 GWB (93%) at Good Status; 28 GWB (100%) at Good Quantitative Status; and 2 GWB (7%) have Poor Chemical Status.
Status elements	The following elements were assessed to determine overall Groundwater Status: <ul style="list-style-type: none"> 1) Groundwater Quantitative Status (Quantity) <ul style="list-style-type: none"> - Abstraction i.e. Water Balance - Saline Intrusion - Dependant Surface Waters - Dependant Ecosystems 2) Groundwater Chemical Status (Quality) <ul style="list-style-type: none"> - Diffuse - Point Source - Dependant Surface Waters - Dependant Ecosystems
Possible Impacts	Diffuse Sources from Agriculture <ul style="list-style-type: none"> - MRP Loading to Surface water via Groundwater Flow (2 GWB)

PRESSURES/RISKS	
POINT SOURCE PRESSURES	<p>Pressure Based Risk Assessment results (2009) identify the following groundwater bodies as at risk from land based point source pressures:</p> <p><u>Abstraction</u> 3 GWB at risk due to over abstraction None at Poor Status</p> <p><u>Landfills:</u> 2 GWB at risk due to Landfills, Old Dump Site or Illegal Landfill Site identified. None at Poor Status</p> <p><u>Contaminated Land</u> 2 GWB At Risk due to Contaminated Land None at Poor Status</p>
DIFFUSE SOURCE PRESSURES	
Agriculture	<p><u>Dependant Surface Water (Rivers):</u> 2 GWB At Risk and in Poor Status due to contribution of Nutrient Loading (MRP) from Groundwater to Rivers at less than good ecological status.</p> <p><u>Dependant Surface Water (TRAC):</u> No GWB At Risk or in Poor Status due to contribution of Nutrient Loading (Nitrogen) from Groundwater to Surface Waters (TRAC) at less than good ecological status.</p> <p><u>Drinking Water Quality:</u> 4 GWB At Risk due to Concentration of Contaminants in Groundwater None at Poor Status</p>
Urban	2 GWB At Risk due to Urban Pressures of Dundalk. 0 in Poor Status
Intrusion	1 GWB At Risk due to Saline Intrusion (Dundalk Gravels) 0 in Poor Status
Septic Tanks	High Density of Septic Tanks in areas of high or extreme groundwater vulnerability or systems located in unsuitable sites can be a risk to ground water.

DEPENDANT ECOSYSTEMS	
	<p><u>Groundwater Dependant Terrestrial Ecosystems (GWDTE):</u></p> <p>0 At Risk and none in Poor Status due to Pressures on GWDTE.</p>

OBJECTIVES	
Year	2015
	Protect 28 No of GWB, Restore 2 No of GWB
Alternative Objectives	2 GWB (7%) have extended deadlines to 2021 (due to MRP loading to rivers from GW)

SELECTED ACTION PROGRAMME	
Nitrates Action Plan	Implementation of The Nitrates Action Plan and Code of Good Agricultural Practice will reduce the level of pressure from diffuse nutrients in groundwater.
IPPC Licensing	Remediation of Contaminated Land at IPPC licensed sites will be undertaken under the direction of the specified license conditions placed on the IPPC licence by the EPA.
Septic Tanks	Implement EPA CODE OF PRACTICE Wastewater Treatment and Disposal Systems Serving Single Houses (p.e.≤ 10)



GROUNDWATER STATUS AND OBJECTIVES TABLE

GWB Details			Water Balance		Diffuse Pressures			Point Source Pressures					Groundwater Quality		Dependent Surface Waters			Dependent Ecosystems		GWB Overall Status and Objectives			
GWB Code	GWB Name	RBD	Water Balance Status	Intrusion Status	Drinking Water Status	Diffuse Status	Urban Status	Landfill Risk	Quarry Risk	UWWT Risk	Contaminated Land Status	Mine Status	GW Quality Status	GW Quality Risk	MRP SW Test Status	Trac Test Status	SW Overall Status	SW Quantity Status	GWDTE Status	Quantitative Status	Chemical Status	Final Status	Objective
IE_NB_G_013	Tydavnet	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IE_NB_G_015	Dundalk	NBIRBD	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	GS-LC	Good	Protect
IE_NB_G_016	Carrickmacross	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	Poor	GS-HC	Poor	GS-HC	GS-HC	GS-HC	Poor	Poor	Restore 2021
IE_NB_G_017	Kingscourt	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IE_NB_G_018	Ardee	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_021	Williamstown Gravels	NBIRBD	GS-HC	GS-HC	GS-HC	GS-LC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_022	Dromiskin Gravels	NBIRBD	GS-HC	GS-HC	GS-HC	GS-LC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-HC	GS-LC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_023	Clogher Head Gravels	NBIRBD	GS-HC	GS-HC	GS-HC	GS-LC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_024	Dundalk Gravels	NBIRBD	GS-LC	GS-LC	GS-LC	GS-LC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	GS-LC	Good	Protect
IE_NB_G_025	Emyvale	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-LC	GS-HC	GS-LC	AR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_026	Clarderry	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	AR-LC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IE_NB_G_027	Whiteriver	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	AR-LC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IE_NB_G_028	Newtown	NBIRBD	GS-HC	GS-HC	GS-HC	GS-LC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-LC	GS-HC	GS-LC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_029	Kingscourt Gypsum	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_030	Dundalk Town 1	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_031	Dundalk Town 2	NBIRBD	GS-HC	GS-HC	GS-HC	GS-LC	GS-LC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_032	Blackrock 1	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IE_NB_G_033	Blackrock 2	NBIRBD	GS-HC	GS-HC	GS-HC	GS-LC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-LC	AR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_034	Monaghan Tn 1	NBIRBD	GS-LC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	GS-HC	Good	Protect
IE_NB_G_035	Monaghan Tn 2	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IE_NB_G_036	Castleblayney 1	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-LC	GS-HC	GS-LC	AR-LC	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IE_NB_G_037	Carrickmacross 1	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	Poor	GS-HC	Poor	GS-HC	GS-HC	GS-HC	Poor	Poor	Restore 2021
IE_NB_G_038	Ardee Town 1	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IEGBNI_NB_G_007	Aughnacloy	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	Good	Protect
IEGBNI_NB_G_011	Keady	NBIRBD	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IEGBNI_NB_G_012	Monaghan Town	NBIRBD	GS-LC	GS-HC	GS-LC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	GS-LC	Good	Protect
IEGBNI_NB_G_014	Knockatallon	NBIRBD	GS-HC	GS-HC	GS-LC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect
IEGBNI_NB_G_019	Louth	NBIRBD	GS-HC	GS-HC	GS-LC	GS-HC	GS-HC	NAR-HC	NAR-HC	NAR-HC	GS-HC	GS-HC	GS-HC	NAR-LC	GS-LC	GS-LC	GS-LC	GS-HC	GS-HC	GS-HC	GS-LC	Good	Protect