

	Cor	npliance Rep	ort for the Schedu	le of Environmental Commitments			
The column The	S / NIS Reference	EIS / NIS Pg. No.	Impact	Specific Mitigation Measure	Specific Implementation Action	Responsibility	Status
1.1			Human Beings				
1.	5.4.1			properties and land.		OPW	2021
1.	6.5.1	EIS p71		The edge of the proposed embankment beside Templemore Lake will be a minimum of 5m from the		OPW/ Ecologist	2021
1.							
1.				Hedgerow, tree-line and woodland vegetation that is to be retained will be clearly marked and fenced off to supply accidental damage during averagetines and site preparation. No materials should be street			
Automation	6.5.2	EIS p71	Birds / Biodiversity	within 5m of retained hedgerows/trees/woodland.		OPW/ Ecologist	Ongoing
1.1	6.5.2 and 7.5.2	EIS p71,95	Environmental	The proposed Site works method statements will be reviewed and monitoring will be conducted by an Ecologist.	As per CEMP	OPW/ Ecologist	Ongoing
Part	052	EIC o.74	Ottore	during the Construction of National Road Schemes' (NRA, 2005) and 'Guidelines for the treatment of		OPW/ Endosiet	Opening
1.				During vegetation clearance along drains and the Mall River, an Ecologist will resurvey this area specifically for otter. This will include assessing breeding activity within the site and a license	As per CEMP. Weekly checks are undertaken. No holts		
1.10 1.10					or resting places noted to date.	-	
				Loss of notential forage habitat (rinarian woodland and sections of bedgerow) during construction will			
1	0 5 2 and 0 5 4	EIQ 674 79	Diede / Diadiosesity	currently existing on site will be implemented, where hedgerow and riparian vegetation removal was		OBM/ Englaries	2021
Column	6.5.3 and 6.5.4	EIS p/1, /2	Birds / Biodiversity	significant. Where this is likely to recover, natural re-colonisation is preferable.		OPW/ Ecologist	2021
14				It is recommended that woody vegetation removal be undertaken <u>outside</u> of the main bird nesting period which begins on March 1 st and continues until August 31 st . A licence is generally required from the Metand Date and Middle Section under the Middle April 1076 and 1070 if leave the behalf of on			
After company Angel Ange	6.5.4	EIS p72	Birds / Biodiversity	scrub, trees, hedgerows) to be removed is known to contain nesting birds.	No licence required- confirmed with NPWS.	OPW/ Ecologist	Ongoins
Application	7.5.2	EIS p93,94	Aquatic species	a flood event. Any piped waste water discharges will be assessed in terms of waste assimilation		OPW	2021
Application				(NPWS) and Inland Fisheries Ireland (IFI). The works are located within a river corridor used by	Consultation ongoing with IFI. A Methodology		
	7.5.2 and 3.10.3.2	EIS P94, NIS p31	Aquatic species	outside the window of October to May. Brook lampreys spawn in the spring and early summer months		OPW/ Ecologist	Ongoin
1-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	7.5.2 and 3.10.3.2	EIS p94,127, NIS p31	Aquatic species	No in-stream excavations or other works involving interference with the bed, bank or soil should take place outside of the immediate areas where the flood channel joins the Mall River.	Consultation ongoing with IFI	OPW	Ongoin
				The appointed contractor will be required to provide a detailed method statement showing how water quality impacts and habitat loss during the works will be minimised. The methodology will be			
Content to content to the content				A translocation plan will need to designed and implemented prior to water being diverted into the new	A Methodology Statement has been prepared an		
Part	7.5.2 and 3.10.3.3	EIS P94, NIS p31	Aquatic species / Biodiversity		submitted to the NPWS and IFI	OPW	Ongoin
15 15 15 15 15 15 15 15	2 and 9.5.1 and 3.10.3.3	EIS p94,127, NIS p31	Fish	road construction and improvement works. Requirements of the Southern Regional Fisheries Board* (Kilfeather, 2007) and 'Requirements for the Protection of Fisheries Habitat during Construction and		OPW/ Ecologist	Ongoin
1.5.1 1.5.2 1.5.						-	
Part				All necessary measures will be taken to prevent the release of oil, fuels or other pollutants into the Mall			
State and extraction and appears control register on the state that the bits and th				The works will be carried out during dry weather and halted during heavy rainfall to reduce suspended		-	
17.2 and 16.5 Galgetic Commonwealth Commonw	7.5.1 and 9.5.1	EIS 993,127	Siltation	Spoil and removed vegetation material from the river is to be stored no less than 5m back from the		OF W/ Ecologist	Ungain
Total College Colleg	7.5.2 and 9.5.1	EIS p95,127	Siltation	suspended solids back into the water course.		OPW/ Ecologist	Ongoin
To Big (B) Shelf (Indianelly) Revenue with Progressive and Committee Committ	7.5.2	EIS p95, NIS p32	Invasive species / biodiversity	The machines being used to excavate the river may contain fragments of exotic invasive flora and therefore they will need to be cleaned at the start of the excavation of the river.	As per CEMP	OPW/ Ecologist	Ongoin
The Selegible Appears Spaces Selegible Ap	7.5.2	EIS p95	Birds / Biodiversity	Particular care will be taken when working near mature trees in order to protect roots extending into the works site. Mature trees will be retained and scrub and hedgerow will be retained where possible.	As per CEMP	OPW/ Ecologist	Ongoin
The food charved with the designed to lose in consistent graduate and pound water where the control of the food of the food of the control of the food	7.6	EIS p96	Aquatic Species	lampreys and white-clawed crayfish. A suitable solution would be to backfill the downstream end of the	Consultation with IFI ongoing.	OPW	2021
Selected forming ES 1 ES p115 States And Planed contribution with will be control of an III the register de pind of the sile As 1 ES p115 State An All ES p115 States An All ES p1	240.24			The flood channel will be designed to have a consistent gradient with no areas of pooled water where			Oppoint
8.5.1 (ES p.115) Autonomous white controlled and the processor and the control of the processor and the p	3.10.21	NIS p28			Consultation with IFI ongoing.	OFW .	Ungdin
ES 1 ES 9115 Publisher or for the contempts gashanders became larger contraction control of the contempts of	8.5.1	EIS p115	Siltation	Settlement of runoff and groundwater from the construction site will be required as part of the site works. Works will be undertaken in accordance with CIRIA 650 'Environmental good practice on site'.		OPW	Ongoin
## Special Committee of the Committee of Com	8.5.1	EIS p115	Soil		Silt curtain installed where appropriate	OPW	Ongoin
ES.1 ES.p.115 Social Licenomic discoverage packs will be stored in this season of operations will be fully implied in the use of this epidemic in the use of this epidemic in the use of this epidemic in the use of the discoverage packs. ES.1 ES.p.115 Social Licenomic Assessment and processes with the full of the discoverage packs will be sent the discoverage packs will be sent the discoverage packs. ES.5.1 ES.p.115 Maintenants The maintenants (April 1998) and processes and the discoverage packs will be subminiored that processes and the discoverage packs will be subminiored that processes and the discoverage packs will be administrationally and the discoverage packs will be administrated that the discoverage pack	8.5.1	EIS p115	Pollution	and paints used during construction will be stored within specially constructed dedicated temporary bunded areas. Refuelling of construction vehicles and the addition of hydraulic oils or fubricants to vehicles, will take	Refuelling locations have been identified.	OPW	Ongoin
A detailed condition survey should be concluded on proporties within 5m of the diversion prior to and post controlled. As per CEMP OPW Opgot **Station** **The maintenance of the embeddering management of price of the management of the management of price of the management of the management of the price of the management of the price of the	8.5.1	EIS p115	Socio / Economic	adsorbent packs will be stored in this area and operators will be fully trained in the use of this	Refuelling locations have been identified.	OPW	Ongoin
Management of Flood Embankments, A good practice nerview (DEFRAVEA, 2007). As per CEMP	8.5.1			A detailed condition survey should be conducted on properties within 5m of the diversion prior to and post construction.		OPW	Ongoin
stored within structurally accord waterhouse by subdrags and/or bunded areas if appropriate to guard garrest potential accordental spillor or felaspas, and experience and unity of performance. As per CEMP. Power slift crutaria are located through for felaspas and quality of performance. As per CEMP, Several slift crutaria are located through the school and performance. As per CEMP, Several slift crutaria are located through the school and school and school are located through the school and school and school and school and school are located through the school and school an	8.5.1	EIS p115	Mainteance	The maintenance of the embankment should follow the framework and principles set out in Management of Flood Embankments, A good practice review (DEFRA/EA, 2007).	As per CEMP	OPW	2021
stored within structurally accordingly buildings and/or bunded areas if appropriate to guard garest potential accordinate applies of lessage. A decignment and reveal with the regular direction. 8.5.1 EEG p126 Situation All potential accordinates policy of lessage. A decignment and regular of performance. A per CEMP Several still curtains are located through The fiver channel works will be carried out during it was repetited as during the several performance. A per CEMP Several still curtains are located through The fiver channel works will be carried out during it was performed to the common and			W	With recard to on-site storage facilities and activities, any raw materials, fuels and chambrele will be			
As per CEMP. Several silt curtains are located through the scheme area. Sit socks are also fitted to pumps. The river channel works will be carried out during any eventher and halled during heavy rateful events to reclace suspended solds in the river and flowing to other parts e.g. are River. Such goal and removed veglection within this Sin builds on their size to set send on their size as set sold in the river and surgicial removed to require the river is so be setted on the river is so be setted on the river and surgicial removed to require the river is so be setted on the river is so be setted on the river and surgicial removed to require the river is so be setted on the river is so be setted on the river is so be setted on the river and surgicial removed to replace the river and surgicial removed to remove the removed to replace the river and surgicial removed to remove the removed to replace the river and surgicial removed to remove the removed to replace the river and surgicial removed to remove the removed to replace the river and surgicial removed to remove the removed to re	9.5.1	EIS p126	Pollution	stored within structurally sound warehousing buildings and/or bunded areas if appropriate to guard against potential accidental spills or leakages. All equipment and machinery will have regular checking	As per CEMP	OPW	Ongoin
The river charmed works will be cented out during the year betting works on the part of th					As per CEMP. Several silt curtains are located through		
removed vegetation material from the five is to be settined, in order to reduce the new and of vegetation material from the five is to be the trained, in order to reduce the new and of supposed vegetation provided to the five in the supposed vegetation provided to the five in the vegetation provided to the vegetation of the vege	9.5.1	EIS p126	Siltation	The river channel works will be carried out during dry weather and halted during heavy rainfall events	the scheme area. Silt socks are also fitted to pumps.	OPW	Ongoin
Routine charmed maintenance will be based or guidoce from the Regional Fisheries Board Guidelinas (Muryley, D.Y., 204) and the Fish Guidelinas (Muryley, D.Y., 204) and the Guidelinas (Muryley) (Muryley	0.51	EIC of 27 NIC o24	Citation	removed vegetation material from the river is to be stored no less than 5m back from the river and vegetation within this 5m buffer zone is to be retained, in order to reduce the run-off of suspended	As not CEMP	OPM/ Ecologies	Onnoin
9.5.2 ES p127 Full protection and Open Steric monitoring of all potential polluting materials used will be maintained. Note and Vibration Note and Vibration Note and Vibration The construction learn will ensure that all plant terms used during the construction phase will comply with standards outlined in Enropean Communities (Contemption Phase and Enropean Contemption Phase and Enropean Contemption (Contemption Phase and Enropean Contemption Phase and Enropean Contemption Phase and Enropean Communities (Contemption Phase Contemption Phase Contemption Phase Enropean Phase E	5.0.1	Elo pizz, Nio poi	Sittation	Routine channel maintenance will be based on guidance from the Regional Fisheries Board	AS PEI CEMP		Ongoin
Note and Vibration The construction learn will ensure that all plant terms used during the construction phase will comply with standards collined in European Communities (Construction Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant and Eguipment) (Permissable Note Construction and Open Size (Collegation Plant And				appropriate.			2021 Openin
The contraction beam will restarch that all plant lims to plant during the contraction phase all comply with students or student of Expresses (communities) (Construction of Expresses	a	EIQ JIZI			ез ры зын	Oi W	Ungoin
10.6.1 EIS p138 Human Health Construction and Open Sites (2009), which offers detailed juddance on the control of note from Control of Note			- rost an	The construction team will ensure that all plant items used during the construction phase will comply with standards outlined in European Communities (Construction Plant and Equipment) (Permissible			
Night time working will hipically not occur, but there is the unlikely possibility that there may be a necessity to continue to operate generation, pumps or other equivater manifestery at a number of location, where excussions et where excussions et allow persons of the equivater manifestery at a number of location. On these infrequent conscious, should they sinke at all, screening and enablated, and should be accordanced and the controllated of manifestery and an observation of the controllated of manifestery and related to any noise of the controllated of manifestery and related to any noise of the controllated of manifestery and related to any noise of the controllated on these to ensure the controllated on the controllated on the controllated on these to ensure the controllated on these to ensure the controllated on the cont	10.6.1	EIS p138	Human Health	Construction and Open Sites (2009), which offers detailed guidance on the control of noise from		OPW	Ongoin
locations, where excavations etc may cause activity or remain in one location for a longer period of time. On these intelligenant coalcasts, product they arise at all, screening and enclosures can be utilised. Source or receiver. The correction of the control				Night time working will typically not occur, but there is the unlikely possibility that there may be a		·	
source or receiver. The screen should be constructed of material with a mass of x-7 kg/m2 and should have no gas or joints in the bring material. This can be used for in material and submit on the property of the property				locations, where excavations etc may cause activity to remain in one location for a longer period of time. On these infrequent occasions, should they arise at all, screening and enclosures can be utilised.			
Appoint a site representative responsible for matters relating to noise, and establish channels of communication between the contractor (severage) and resident is, for notification of noise, and establish channels of communication between the contractor (severage) and resident is, for notification of noise, and setablish is not	10.6.1	EIQ n120	jihuman kiapitik	source or receiver. The screen should be constructed of material with a mass of >7kg/m2 and should have no gaps or joints in the barrier material. This can be used to limit noise impact to any noise		OPW	Ongoin
10.6.1 EIS p139 Human Health requirement of right works, should this be required. OPV Orgol 10.6.1 EIS p139 Human Health Locate of riosy plant as fair away from sensitive receptors, as permitted by site constraints. OPV Orgol Noise and vibration monitrom works should be carried out during the construction phase to ensure	10.0.1	Eto p136	numan neattn	Appoint a site representative responsible for matters relating to noise, and establish channels of		O. W	Ungoin
Noise and vibration monitoring works should be carried out during the construction phase to ensure				requirement of night works, should this be required.			Ongoin
				Noise and vibration monitoring works should be carried out during the construction phase to ensure			Ongoin

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Rev: Date last Updated:



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Con	npliance Rep	ort for the Schedu	le of Environmental Commitments			
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			Any construction works that have the potential to cause vibration at sensitive receptors will be carried out in accordance with the limit values as set out in Table 10-7 of the EIS at the most affected sensitive			
10.6.1	EIS p139	Human Health	receptor.		OPW	Ongoing
		Air and				
			Site roads shall be regularly cleaned and maintained as appropriate. Hard surface roads shall be swept to remove mud and aggregate materials from their surface as a result of the development works. Any un-surfaced roads shall be restricted to essential site traffic only. Furthermore, any road			
11.5	EIS p156	Human Health	that has the potential to give rise to fugitive dust may be regularly watered, as appropriate, during extended dry and/or windy conditions.		OPW	Ongoing
11.5	EIS p156	Human Health	A full traffic management plan and dust management plan will be implemented into the Construction Environmental Management Plan (CEMP)	As per CEMP	OPW	Ongoins
			Vehicles using site roads shall have their speed restricted, and this speed restriction must be enforced	·		
11.5	EIS p157	Human Health	Vehicles using site roads shall have their speed restricted, and this speed restriction must be enforced rigidly. On any un-surfaced site road and on hard surfaced roads that site management dictates speed shall be restricted to 20 km per hour	As per CEMP	OPW	Ongoin
			Material handling systems and site stockpiling of materials shall be designed and laid out to minimise exposure to wind. Water misting or sprays shall be used as required if particularly dusty activities are			
11.5	EIS p157	Human Health	necessary during dry or windy periods.	As per CEMP	OPW	Ongoing
11.5	EIS p157	Human Health	In periods of dry weather when dust emission would be greatest, a road sweeper, which would also dampen the road, may be employed in order to prevent the generation of dust	As per CEMP	OPW	Ongoing
	T	Landscape and	Visual Impact			
12.5.1	EIS p173	Visual Impact	Design ramps with gradual slopes and appropriate materials in order to minimise visual impact.		OPW	2021
12.5.1	EIS p174	Visual Impact	Use materials, pointings and finish to match the existing walls.		OPW	2021
			The flood defence embankments should be rounded off at the top with a shallow grade and softened			
12.5.1	EIS p174	Visual Impact	with a seed mix to match the existing groundcover vegetation/grass.		OPW	2021
12.5.1	EIS p174	Birds / Biodiversity	The footprint for the embankment within the park should be designed to protect existing mature trees.		OPW	Ongoing
12.5.1	EIS p174	Birds / Biodiversity	Avoid the removal of mature trees during construction – protect trees being retained.		OPW	Ongoins
12.5.1	EIS p174	Birds / Biodiversity	Where removal of trees during construction is necessary they should be replaced with like size and type plants.		OPW	2021
12.5.1	EIS p174	Birds / Biodiversity	Provide new native planting in the vicinity of the weir where existing planting will be removed during construction.		OPW	2021
			Potential visual impact can be minimised by removing the least amount of existing vegetation possible,	-		
12.5.2	EIS p174	Visual Impact	and by protecting any adjacent vegetation during construction. Route of diversion should follow any existing field boundaries in order to minimise any severance of	As per CEMP	OPW	Ongoing
12.5.2	EIS p174	Visual Impact	land/properties.	As per CEMP	OPW	Ongoing
12.5.2	EIS p174	Visual Impact/ Biodiversity	Where removal of vegetation cannot be avoided, it should be replaced where possible in the same location or nearby, and to the same size, on completion of construction works.		OPW	2021
12.5.2	EIS p174	Visual Impact	Materials used in reinstatement of roads, pathways, and walls should be consistent with existing surfaces and materials.		OPW	2021
12.5.2	EIS p174	Visual Impact	Construction work to be carried out speedily to minimise the impact on road users.		OPW	Ongoing
12.5.3	EIS p174	Visual Impact / Biodiversity	Where removal of vegetation cannot be avoided it should be replaced in approximately the same location with like size and type plants.		OPW/Ecologist	2021
12.5.3	EIS p174	Visual Impact	All flood defence embankments should be rounded off at the top with a shallow grade and grassed.		OPW	2021
12.5.3	EIS p174	Visual Impact	Stonework on new walls to be consistent with the stone already evident in the river walls. Materials used in reinstatement of roads, pathways, and walls should be consistent with existing	Stonework agreed with Tipperary Co Co.	OPW	2021
12.5.3	EIS p174	Visual Impact	surfaces and materials.		OPW	2021
12.5.3	EIS p174	Visual Impact / Biodiversity	Replacement of any planting removed during construction.		OPW	2021
		Material As				
13.4	EIS p180	Traffic Management	Liaison with Transport Infrastructure Ireland (TII) to minimise the impacts upon the local traffic and transportation networks.	As per CEMP	OPW	Ongoins
13.4	EIS p180	Traffic Management	The deliveries to and from site will be undertaken to a programme agreed with the Contractor prior to works commencing to minimise disruption to the roads network particularly during times of peak traffic flow.	As per CEMP	OPW	Ongoins
13.4	El3 p 100	Tranic Management	The Design Team / Contractor will liaise with relevant local authority. Till and residents groups and	A per centi	0.11	Origonia
			advance notice will be given to the general public through local media before any road closures take place. All possible service diversions should take place in advance of road closure for construction of the cultvert.	Road openings to date have been completed under	OPW	
13.4	EIS p181	Traffic Management	The advance warning signs of the new road ramp will be designed in accordance with Chapter 8,	licence.	OPW	Ongoing
13.4	EIS p181	Traffic Management	Temporary Traffic Measures and Signs for Roadworks, of the Traffic Signs Manual.		OPW	2021
		Cultural				
			The National Monuments Acts 1930-1994 require that in the event of the discovery of archaeological finds or remains that the relevant authorities, the National Monuments Service of the Departments of Arts, Heritage and Gaetlacht (DAHG) and the National Museum of Ireland, should be notified	As per CEMP archaelogical licences are being applied		
14.6.1	EIS p220	Archaelogy	immediately.	for as is required.	OPW/ Archaeologist	Ongoing
			Allowance will be made for full archaeological excavation, in consultation with the National Monuments Service of the DAHG, in the event that archaeological remains are found during the construction			
14.6.1	EIS p220	Archaelogy	phase. Archaeological monitoring – in areas of moderate archaeological potential, excavations associated		OPW/ Archaeologist	Ongoing
14.6.1	EIS p221	Archaelogy	Archaeological monitoring – in areas or monerate archaeological potential, excavations associated with construction works and / or facilitating access to the construction site and / or stringing areas will be monitored by a suitably qualified archaeologist.	As per CEMP	OPW/ Archaeologist	Ongoins
1732.1	LIOPALI	Аспостоду				Ongoing
			Archaeological testing – best practice in areas of high archaeological potential demands caution, to ensure that archaeological deposits are identified as early as possible, thereby ensuring that any loss			
			from the archaeological record is minimised. Under a monitoring remit, an archaeologist will observe normal construction works, usually undertaken with a toothed excavator bucket, which makes it more difficult to identify archaeological deposits. During archaeological testing a licence eligible			
			archaeologist supervises excavations undertaken with a toothless grading bucket, under licence to the National Monuments Service of the DAHG, thereby ensuring the early identification of archaeological			
			deposits and minimal loss to the archaeological record. Undertaking this work preconstruction, will ensure that sufficient time can be allowed within the construction schedule for the excavation of any archaeological deposits discovered.	4	OTHI Antonioris	
14.6.1	EIS p221	Archaelogy	archaeological deposits discovered	As per CEMP	OPW/ Archaeologist	Ongoing
			Note importance of the archaeological site in the Construction Environmental Management Plan (CEMP) and inform on site personnel – where there are sites located in close proximity to the			
			proposed development that could be inadvertently impacted during the construction phase these will be noted in the CEMP and on site personnel be made aware of the sites significance and due care and			
14.6.1	EIS p221	Archaelogy	attention will be taken to prevent any inadvertent damage during construction work.	As per CEMP	OPW/ Archaeologist	Ongoin
			To the south of the confluence point where the proposed new channel meets the existing river, the river is to be widened and regraded. Prior to construction works an underwater archaeological survey			
			of the area will be undertaken including a dive wade / survey to ascertain if notable archaeological deposits or stray finds remain in situ in the river banks or river bed. During the construction phase a			
14.6.1	EIS p221	Archaelogy	suitable qualified underwater archaeologist will monitor dredging works and river widening works under licence to the Underwater Section of the National Monuments Service of the DAHG.		OPW/ Archaeologist	Conclude
			If the existing river is dried up, a suitably qualified archaeologist will undertake a visual and metal detection survey of the river bed to retrieve any archaeological stray finds or architectural fragments			
14.6.1	EIS p221	Archaelogy	that may be found there. Prior to undertaking the work, a metal detection licence shall be obtained from the National Monuments Service of the DAHG.		OPW/ Archaeologist	Conclude
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Project: Templemore Flood Relief Scheme

Jul-21



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