Report per Referral Area							
Date	28/02/2023 11:27						
PAA Name	River Allow	Allow	Allow	Allow_60	PAA_awaitingRefern	Allow_060	River Allow
Waterbody name	IE_SW_18A020490	Allow	Allow_20	Allow_060	IE_SW_18A020200	Allow_040	PAA_awaitingRefe Allow_050
Referral code	Allow PAA						

Number of Farms Assessed	66	**Issues in the Referral Area**			
Dairy	27	P Loss (Diffuse)	Y	N	
Cattle Breeding	12	N Loss (Diffuse)	0	N	Y
Cattle Other	18	Sedimentation	Y	0	
Sheep	0	Point Source Losses	0	Y	N
Tillage	2	Toxicity & Pesticides	0	N	
Mixed Farming	2	Ammonium	0	N	
Other Enterprise	0				
		No. 1st visits	66		
Engaged	58	No. 2nd visits	11		
Not Engaged	8	No. 3rd visits	2		
		No. 4th visits	0		

Issue description

As per the desk study the main risk of diffuse pollution is likely to be phosphate via overland flow as well as sedimentation from modified channels and drainage (Allow_060)

Issues found in the referral area during ASSAP visit:

		Risk 1	Risk 2	Risk 3
	Farmyard Issues			
F1	Slurry Storage	14	2	1
F2	Silage Pits and Effluent Storage	5	3	1
F3	Loose Housing and FYM Storage	19	1	1
F4	Round Bale storage	4	3	1
F5	Dirty yards	8	3	1
F6	Cattle &/or Sheep handling facilities			
F7	Clean & Grey Water management	14	3	2
F8	Drain Connection from Yard to Water	2	1	
F9	Pesticide Storage and handlingDiesel/oil tanks	1		
F10	Other			1
	Land Management Issues			
LM1	P Loss Through Overland Flow	16	1	
LM2	N leaching from Light Soils			
LM3	Sediment Loss	7	2	
LM4	Drinking Points & Stream Fencing	14	5	1
LM5	River Bank Erosion	2	2	
LM6	Drain Cleaning & Maintenance	16	8	
LM7	Culverts/River Crossings			
LM8	Drinking Troughs	4		
LM9	Farm Roads and Gateways and underpass	5	3	
LM10	Unsuitable drainage delivering Nutrient and/or Sediment	1		
LM11	Field Boundary Management	2		
LM12	Bare Land - Inadequate Cover Crops	1		
LM13	Reseeding Practices	1		
LM14	Losses from Tillage operations			
LM15	Supplementray Feeding and Sacrifice Paddocks			
LM16	Outwintering			
LM17	Hill Land grazing			
LM18	Rock Outcrops/Karst Features			
LM19	Forestry	1	1	1
LM20	Herbicide / Pesticide and Sheep dip Use	11		
LM21	Protection of Abstraction Points and Wells	1	1	
LM22	Invasive Vegetation		1	
LM23	Buffers	27	2	
	Nutrient Management Issues			
NMP1	Preparation and implementation of NMP	26	8	
NMP2	Achieving appropriate Soil Fertility (Lime P&K)	10	6	
NMP3	Identify and Mange Critical Source Areas			
NMP4	Organic Manure Timing, Location & Method	24	4	
NMP5	Recorded Import/Export Organic Manures			
NMP6	Timing - Early & Late N and Phosphorus	4		1
NMP7	Fertiliser Rates	1		
NMP8	Correct Management of High OM soils			
NMP9	Sloped Fields	7	2	
NMP10	Chemical Fertiliser Spreading	3		
NMP11	Weather and Fertiliser Management	2		
NMP12	Fertiliser Type	2		
NMP13	Other			

Mitigation actions recommended in the referral area (note that few actions could have been recommended for one issue):

		Mitgation Actions	Risk 1	Risk 1 - Agreed	Risk 1 - Not Agreed	Not Started	Not Proceeding	Commenced	Complete	Ongoing
F1	Slurry Storage	Additional storage for farm wastes required	4	4		3				
F1	Slurry Storage	Improved management of collection and storage of farm wastes	6	4	1	1	1	1	1	1
F1	Slurry Storage	Informing and educating farmers	4	3		1			1	1
F1	Slurry Storage	Slurry storage required	1	1					1	
F2	Silage Pits and Effluent Storage	Improved management of collection and storage of farm wastes	5	5		1		2		1
F3	Loose Housing and FYM Storage	a new area has to be developed to hold the FYM, as current place is too small	1	1						1
F3	Loose Housing and FYM Storage	Additional storage for farm wastes required	1	1					1	
F3	Loose Housing and FYM Storage	area for storing FYM not fully adequate	1	1						
F3	Loose Housing and FYM Storage	Destock/reduce stock for winter	1	1						1
F3	Loose Housing and FYM Storage	Improved management of collection and storage of farm wastes	13	10	2	4	2	2	2	2
F3	Loose Housing and FYM Storage	Informing and educating farmers	1	1						1
F3	Loose Housing and FYM Storage	Separation of clean, grey, soiled and dirty water in farmyard	3	2				2		1
F4	Round Bale storage	Improved management of collection and storage of farm wastes	2	2		1			1	
F4	Round Bale storage	Informing and educating farmers	2	2		2				
F5	Dirty yards	Additional storage for farm wastes required	2	1	1	1	1			
F5	Dirty yards	Improved management of collection and storage of farm wastes	6	5	1	1	1	1		3
F7	Clean & Grey Water management	Additional storage for farm wastes required	1		1		1			
F7	Clean & Grey Water management	fix down pipe from the main shed	1	1						
F7	Clean & Grey Water management	Improved management of collection and storage of farm wastes	2	2				2		
F7	Clean & Grey Water management	Informing and educating farmers	2	2						2
F7	Clean & Grey Water management	Separation of clean, grey, soiled and dirty water in farmyard	8	7	1	5	1	1	1	
F8	Drain Connection from Yard to Water	Separation of clean, grey, soiled and dirty water in farmyard	1	1		1				
F8	Drain Connection from Yard to Water	start collecting rain water from milking parlour/ and stop it running across the yard. Put up drain pipe on hay barn to take away rain water from yard	1	1		1				
F9	Pesticide Storage and handling Diesel/oil tanks	Move pesticides into a separate contained store	1	1						
LM1	P Loss Through Overland Flow	In field grass buffers	3	3						2
LM1	P Loss Through Overland Flow	Management of Critical Source Areas (CSA's)	12	8	4	1	1		1	8
LM1	P Loss Through Overland Flow	Riparian Buffers - Fenced/Unfenced	2	2				1		1
LM3	Sediment Loss	Appropriate drain maintenance	1	1		1				
LM3	Sediment Loss	Ditch/drain blocking	1	1						1
LM3	Sediment Loss	Establish field boundaries and hedges	2	2						1
LM3	Sediment Loss	In field grass buffers	2	2		1				
LM3	Sediment Loss	Prevent livestock access to waters	1	1		1				
LM3	Sediment Loss	Use of silt fences	1	1					1	
LM4	Drinking Points & Stream Fencing	certain streams not fenced	1	1						
LM4	Drinking Points & Stream Fencing	Prevent livestock access to waters	13	11	1	6		2		4
LM5	River Bank Erosion	Establish field boundaries and hedges	1	1				1		
LM5	River Bank Erosion	Informing and educating farmer	1	1				1		
LM5	River Bank Erosion	Informing and educating farmers	1	1				1		

LM6	Drain Cleaning & Maintenance	Allow grassed waterways and vegetated ditches	12	10	1	1	1		1	8
LM6	Drain Cleaning & Maintenance	Ditch/drain blocking	2	1	1	1	1			
LM6	Drain Cleaning & Maintenance	Ditch/drain maintenance and management	2	2						2
LM6	Drain Cleaning & Maintenance	Reduced field drainage and backfill amendment	1	1						
LM8	Drinking Troughs	Appropriate use of feeders/troughs/out-wintering	1	1				1		
LM8	Drinking Troughs	Informing and educating farmers	2	1				1		
LM8	Drinking Troughs	Management of Critical Source Areas (CSA's)	1	1		1				
LM9	Farm Roads and Gateways and underpass	Improved farm road/tracks design and location	4	3		3		1		
LM9	Farm Roads and Gateways and underpass	Informing and educating farmers	1	1					1	
LM10	Unsuitable drainage delivering Nutrient and/or Sediment	Reduced field drainage and backfill amendment	1	1				1		
LM11	Field Boundary Management	Riparian Buffers - Fenced/Unfenced	2	2					1	1
LM12	Bare Land - Inadequate Cover Crops	Winter - plant cover or catch crops	1		1		1			
LM13	Reseeding Practices	Appropriate reseeding management	1	1		1				
LM19	Forestry	Management of Critical Source Areas (CSA's)	1	1						
LM20	Herbicide / Pesticide and Sheep dip Use	Adhere to buffer zones and safeguard zones	10	10						10
LM20	Herbicide / Pesticide and Sheep dip Use	Avoid application at high risk times and high risk places	1	1						1
LM20	Herbicide / Pesticide and Sheep dip Use	Best practice when storing and handling pesticides	1	1						1
LM20	Herbicide / Pesticide and Sheep dip Use	Spot Spray where practical	1	1						1
LM21	Protection of Abstraction Points and Wells	Adhere to buffer zones and safeguard zones	1	1						1
LM23	Buffers	Adhere to buffer zones and safeguard zones	27	26	1	2	1	2		21
LM23	Buffers	Avoid application at high risk places	7	7						7
LM23	Buffers	Avoid application at high risk times	7	7						7
NMP1	Preparation and implementation of NMP	Avoid application at high risk places (CSA's)	1	1						1
NMP1	Preparation and implementation of NMP	Informing and educating farmers	20	16	4	8	1	2	1	8
NMP1	Preparation and implementation of NMP	Precision application of nutrients at correct rate	5	4				1		2
NMP2	Achieving appropriate Soil Fertility (Lime P&K)	Implementation of Nutrient Management Plan	9	9		2				7
NMP2	Achieving appropriate Soil Fertility (Lime P&K)	Liming	1	1		1				
NMP4	Organic Manure Timing, Location & Method	Adequate collection and storage of farm wastes	1	1						
NMP4	Organic Manure Timing, Location & Method	Avoid Application at high risk places	5	5						4
NMP4	Organic Manure Timing, Location & Method	Avoid application at high risk times	17	17				1		16
NMP4	Organic Manure Timing, Location & Method	Informing and educating farmers	1	1						1
NMP4	Organic Manure Timing, Location & Method	Precision application of nutrients at correct rate	3	3						2
NMP6	Timing - Early & Late N and Phosphorus	Avoid application at high risk times	3	3						2
NMP6	Timing - Early & Late N and Phosphorus	Precision application of nutrients at correct rate	1	1				1		
NMP7	Fertiliser Rates	Implementation of Nutrient Management Plan	1	1						1
NMP9	Sloped Fields	Avoid application at high risk places (CSA's)	5	5		1				4
NMP9	Sloped Fields	Avoid application at high risk times	1	1						1
NMP9	Sloped Fields	Informing and educating farmers	1	1						1
NMP10	Chemical Fertiliser Spreading	Avoid application at high risk places (CSA's)	2	2						1
NMP10	Chemical Fertiliser Spreading	Precision application of nutrients at correct rate	1	1						1
NMP11	Weather and Fertiliser Management	Avoid application at high risk times	2	2						2
NMP12	Fertiliser Type	Informing and educating farmers	2	2		2				