

Report per Referral Area	
Date	08/12/2022 11:43
PAA Name	Clashawley
Waterbody name	Killenaule_Stream_010
Referral code	Killenaule_Stream_010_RFL004

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

Issue description
The Killenaule Stream_010 is an At Risk waterbody. Phosphate and Nitrate were identified as being an issue in the area. Killenaule WWTP was found to be responsible for the elevated nitrate issues in the river and agriculture was identified as being responsible for the elevated P levels on the catchment

Issues found in the referral area during ASSAP visit:

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

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

Mitigation Actions	Risk 1	Risk 1 - Agreed	Risk 1 - Not Agreed	Not Started	Not Proceeding	Commenced	Complete	Ongoing
Dirty yards	1	1		1				
Dirty yards	1	1		1				
Clean & Grey Water management	1	1						1
Clean & Grey Water management	1	1						1
P Loss Through Overland Flow	1	1		1				
P Loss Through Overland Flow	1	1		1				
Sediment Loss	1	1		1				
Drinking Points & Stream Fencing	4	1	3	4				
Drinking Points & Stream Fencing	4	1	3	4				
Farm Roads and Gateways and underpass	1	1		1				
Buffers	6	6		3		1		2
Buffers	1	1						1
Buffers	6	6		3		1		2
Identify and Mange Critical Source Areas	1	1						1
Identify and Mange Critical Source Areas	1	1						1
Identify and Mange Critical Source Areas	1	1						1
Organic Manure Timing, Location & Method	1	1						1
Organic Manure Timing, Location & Method	2	2		1				1
Organic Manure Timing, Location & Method	3	3		1		1		1
Organic Manure Timing, Location & Method	1	1						1
Timing - Early & Late N and Phosphorus	3	3				2		1
Sloped Fields	4	4		1		2		1
Sloped Fields	4	4		1		2		1
Chemical Fertiliser Spreading	1	1					1	
Chemical Fertiliser Spreading	1	1					1	

Chemical Fertiliser Spreading

Precision application of nutrients at correct rate

