Waters of LIFE Training For Agricultural Advisors - Schedule

Waters of LIFE Agricultural Advisor Training		
09:15	Sign-In (Tea, Coffee and Scones available)	
09:30	Introductions	
09:35	Training Overview	
09:40	**Module 1: Introduction To Waters of LIFE** **Module Lead:** Anne Goggin, Project Manager Waters of LIFE Dur: 40 mins	**09:40 Presentation [20 mins]:** Intro to Waters of LIFE –Project and programme. To include: EU LIFE Programme; Waters of LIFE Structure; Waters of LIFE Funding; Demonstration Sub-Catchments; Project Focus – High; Status Objective Rivers; Decline in High Status Water Bodies; Project Objectives; Pressures on High Status Objective Rivers; Programme Elements; Results Based Payments; Importance of Riverside Habitat; Habitat Payment Rates; Payment per; Hectare vs Score for River Side Habitat; General Actions; Supporting Actions; Landscape Actions; Education and Training; Advisor Payments **10:00 Exercise [15 mins]**: FAQs on Project and Programme **Summary [5 mins]:** Key Module Takeaways
10:20	**Module 2: Introduction To Water Quality** **Module Lead:** Mark Desmond, Catchment Scientist; Waters of LIFE Dur: 40 mins	**10:20 Presentation [10 mins]:** *What is a healthy river?* Hydromorphology; Stages of a River; Barriers to movement; Floodplains; Water Tables; Polluted vs Non Polluted rivers; What do we mean when we refer to a polluted waterbody; Eutrophication; Rivers as Ecosystems; Riparian areas; Ecosystem services; The regulation and function of rivers. **10:45 Exercise [15 mins]:** Features of a Healthy River **11:00 Presentation [10 mins]:** *How do we monitor the health of our rivers?* National Water Monitoring Programme; Sampled vs Modelled Assessment; Who Does the Monitoring; RESTORE Project; How We Assess Hydromorphology; How assess water chemistry; How we assess sediment; Assessing Using Biological Indices; **Summary [5 mins]:** Key Module Takeaways.
11:00	**COFFEE BREAK (Tea, Coffee and Scones available) - DUR: 20 mins**	

Waters of LIFE
Co-funded by the European Union

Waters of LIFE Training For Agricultural Advisors - Schedule

11:20	**Module 3: Introduction To Catchment Science** **Module Lead:** Mark Desmond & Philip Murphy, Catchment Scientists, Waters of LIFE Dur: 80 mins	**11:20 Presentation [15 mins]:** *The Source Pathway Receptor Model* The SPR Module; Catchments – A reminder; Flow Pathway Determination; Soil Types; Surface Pathways **11:35 Exercise [15 mins]:** *The Source Pathway Receptor Model* **11:50 Presentation [20 mins]:** Pollutants of Concern Policy; Nitrates; Phosphates; Ammonium; Sediment; Hydromorphology; Pesticide – MCPA; Biological Oxygen Demand; **12:30 Presentation [10 mins]:** PIP Maps, Flow Pathways and Flow Delivery Points **12:45 Exercise [15 mins]:** PIP Maps, Flow Pathways and Flow Delivery Points **Summary [5 mins]:** Key Module Takeaways.
12:40	**Reflection**	Opportunity to discuss Modules 1-3 at your table.
13:00	**LUNCH (Served in Hotel Restaurant) - DUR: 60 mins**	
14:00	**Catchment Specific Issues** Dur: 15 mins	**14:00 Presentation [15 mins]:** Catchment Specific Issues Overview; Agriculture in Awbeg (Kilbrin) and Shournagh; Hydromorphology in Islands; Forestry in Avonmore and Graney; Sheen as control sub-catchment.
14:15	**Module 4: Completing a Run-Off Risk Assessment** **Module Lead:** Ciarán Sheelan, Catchment Scientist, Waters of LIFE Dur: 60 mins	**14:15 Presentation [10 mins]:** Introduction What is a run-off risk assessment; our approach; the whole farm approach; the right measure in the right place; farm example. Resources – preparing your visit; What you'll see when you're on the farm; the App. **14:25 Exercise [15 mins]:** Farm Divisions, Flow Units and SPR **14:40 Presentation [10 mins]:** The Farm Land Assessment **14:50 Exercise [10 mins]:** Observed Risk and Potential Risk **15:00 Presentation [10 mins]:** Farm Land Assessment contd. Flow pathways from yards; farmyard assessment **15:10 Summary [5 mins]:** Key Module Takeaways.
15:15	**COFFEE BREAK (Tea, Coffee available) - Dur: 15 mins**	

Waters of LIFE Training For Agricultural Advisors - Schedule

15:30	**Module 5: Supporting Actions** **Module Lead:** Ruth Bennett Coady, John Kelly; Catchment Scientists, Waters of LIFE Dur: 30 mins	**15:30 Presentation [15 mins]:** The What and Why of Supporting Actions The purpose of the Supporting Actions; Pathway Interception Actions; Water Provisions; Farm Infrastructure; Examples; Bespoke Measures; Contractor Mobilisation; Applying for Actions; Screening for Appropriate Actions **15:45 Exercise [10 mins]:** Identifying Opportunities For Actions **15:55 Summary [5 mins]:** Key Module Takeaways.
16:00	**Module 6: General Measures** **Module Lead:** Philip Murphy; Catchment Scientist, Waters of LIFE Dur: 30 mins	**16:00 Presentation [10 mins]:** The What and Why of Supporting Actions Nutrient Management Plan; Nutrient Surplus; Precision Nutrient Application; Catch Crops; Mob Grazing **16:10 Exercise [20 mins]:** Measures for Farm Scenarios – selection and buy-in.
16:30	**Next Steps** **Lead:** Anne Goggin; Project Manager, Waters of LIFE Dur: 30 mins	Farm Plan & Contracts; Resources online Upcoming training; Training Evaluation; Sign Out.
17:00	**END OF DAY**	