**Provisional** **Agenda for Castle Archdale 25th – 26th September 2019**

**Day 1 - 25th September**

0830 – 0900 Registration at Castle Archdale

0900 – 0915 General Introduction

0915 – 0930 The merger between ISAA and UK Spill resulting in formation of International Spill Accreditation Scheme (ISAS)

**Morning Session**

**Surface Water Spill – Health, Safety & Environment**

0930 – 1000 PPE – what is needed and why

1000 – 1015 Risk Assessment both generic and site based

1015 – 1030 Taking liquid samples for laboratory analysis including legal requirements. Air sampling.

1030 – 1045 Maintenance of equipment.

1045 – 1100 Question & Answer session.

1100 – 1115 Tea/Coffee

**Shoreline clean-up**

1115 – 1145 The new UK Maritime & Coastguard Agency accreditation requirement for Oil Spill Response Organisations (OSRO’s) who wish to be accredited for shoreline clean-up. What is involved? A market opportunity?

1145 – 1245 The environmental impact of a shore-line oil spill and its clean-up

1245 – 1300 Question and Answer session.

1300 – 1345 Lunch break – sandwiches and snacks available as part of the course in Castle Archdale Tea Rooms.

**Afternoon Session**

**Surface Water Spills. Removal from ditches/streams to large rivers and lakes**

1345 – 1430 Types and use of oil absorbents. What’s new?

1430 – 1500 Oil retention booms – types, materials and use

1015 – 1030 Taking liquid samples for laboratory analysis including legal requirements. Air sampling.

1030 – 1045 Oil skimmers – types and use.

1045 – 1100 Tea/Coffee.

1100 – 1115 Ancillary equipment – emergency holding tanks, pumps, oil/water separators.

1100 – 1115 Bioremediation developments. Use of dispersants Questions and answers.

**End of lectures for the day**

1830 for 1900 (Optional) Assemble at Manor House Country Hotel in private dining room for dinner. After dinner speaker to be confirmed. Accommodation is available in the area or accommodation can be booked at reduced rates at The Manor House Country Hotel, Enniskillen. Negotiated rate is £112 per night for bed and breakfast. Quote ISAA when booking. This is a country house hotel which stands in its own grounds bordering Lough Erne. Partners would be welcome at the evening dinner. A private dining room has been booked and dinner will cost £45 per head including wine.

As further background Castle Archdale is a very large country park with Tea Rooms and walks also bordering Lough Erne. It is situated about 4 miles from the Hotel.

**Day 2 - 26th September**

Day devoted to surface water spills – part in lecture room but majority practical “hands-on” use of equipment on site.

0900 – 0915 Meet in lecture room at Castle Archdale

0915 – 0930 Surface water clean-up techniques. What is the plan? Health & Safety briefing and risk assessments.

1000 – 1500 Divide into teams – max. 10 people per team. During the day each team will:

**Exercise One – inland surface water stream**

* Carry out site risk assessment
* Develop a clean-up plan based on a given scenario
* Build an in-stream dam/interceptor
* Deploy small size oil retention boom. Deploy absorbents
* Use a shallow water skimmer with pump.
* Set up recovered product holding tank

**Exercise Two on Lough**

* Carry out site risk assessment. Develop a clean-up plan
* Deploy oil retention boom around sunken vessel, this may involve deployment of anchors. Boat handler must have an appropriate ticket
* Set up skimming operation. Pump recovered product into holding tank

**Exercise Three on lough shore**

* Carry out site risk assessment.
* Develop a clean-up plan
* Deploy shore (beach) seal boom and any other required boom
* Set up an oil recovery operation
* Use beach flushing equipment if available.
* Set up recovered product holding tank

**NOTE:** Each team will be required to fully retrieve equipment after each exercise A sandwich type lunch will be provided each day in The Tea Rooms at Castle Archdale. **Exercise participants must bring the following PPE: Life Jacket, Hi Viz Coat or scabbard, safety boots, safety wellingtons or waders.**

1515 – 1600 Re-assemble in Lecture Room for debrief and comment.
END OF COURSE

For booking forms please email: johnadawes@btinternet.com