

North Wales Resilience Forum Exercise Watertight II

EXERCISE PLANNING DOCUMENT

Version 3.0

RAB: 138

September 24, 2010

Mr N Culff NWRF Co-ordinator North Wales Fire and Rescue Service Llandudno Fire Station Conwy Road Llandudno Conwy LL30 1HA

RAB CONSULTANTS FLOOD RISK AND INCIDENT MANAGEMENT

LICHFIELD BUSINESS VILLAGE, THE FRIARY, LICHFIELD, STAFFORDSHIRE WS13 6QG

PHONE: 01543 308631 FAX: 01543 308633 EMAIL: enquiries@rabconsultants.co.uk WEBSITE: www.rabconsultants.co.uk



Revision History

Version	Date	Amendments	Issued to
1.0	05.05.09		Planning Group
2.0	29.06.09	Sec 1.1, 1.4, 2.3, 2.4, 2.6, 3.3, 3.4 App A and App C	Planning Group
3.0	11.09.09	Sec 1.3, 1.5, 2.4, 2.5, 2.6, App B, App C and App D	Planning Group

Quality Control

Action	Signature	Date
Prepared	C. Wilenchik	11.09.09
Checked	R. Burton	11.09.09
Approved	R. Burton	11.09.09





Table of Contents

REVI	ISION HISTORY	I
QUAI	LITY CONTROL	I
L.0	PLANNING DOCUMENT BRIEF	5
1.1 1.2 1.3 1.4 1.5	PURPOSE OF THIS DOCUMENT	
2.0	EXERCISE PLANNING	8
2.1 2.2 2.3 2.4 2.5 2.6		
3.0	EXERCISE DIRECTING	15
3.1 3.2 3.3 3.4	RESPONSIBILITIES DIRECTING ROLES EXERCISE FACILITATORS SCENARIOS	15
4.0	EXERCISE DEBRIEFING	16
4.1	Exercise Debriefing	16
5.0	EXERCISE COMPLETING	17
5.1	EXERCISE COMPLETING	17
APPE	ENDIX A – EXERCISE PLANNING GROUP CONTACT DE	TAILS 19
	ENDIX B - DEBRIEF PLAN AND VISUAL	
APPE		21





1.0 Planning Document Brief

1.1 Overview

Exercise Watertight II has been developed at the request of NWRF (North Wales Resilience Forum) for strategic level exercises during 2009 that deals with a number of matters including those of flooding and recovery.

The exercise has been codenamed 'Watertight II' and will be held at the Strategic Coordination Centre (SCC), Colwyn Bay on October 22 2009. Approximately 100 participants from category 1 and 2 responders are invited to attend this 'table top' exercise. The participants will work together to agree the recovery strategy following a major flood incident.

1.2 Purpose of this document

The main purpose of this planning document is to:

- Ensure that the planning requirements for the exercise are understood and agreed;
- Confirm and agree roles and responsibilities;
- Confirm the aim and objectives of the exercise;
- Provide detail to the exercise planning group;
- Provide a briefing aid for exercise directors, supporting roles and players.

This is a 'live' document that will record the exercise proposals as they are developed and agreed.

1.3 Exercise Initiation

The exercise was initiated by Paul Claydon of the North Wales Resilience Forum and is supported by Neil Culff of the North Wales Local Resilience Forum. The exercise will provide an opportunity to explore interagency recovery issues and consider the welfare and economic issues that would arise when dealing with the recovery to a major incident.

1.4 Aim and Objectives

The following aims and objectives have been agreed by the Exercise Planning Group.

Aim:

To explore interagency recovery issues and consider the welfare and economic issues that would arise when dealing with the recovery to a major incident.

Objectives:

- To test whether the lessons identified from Exercise Watertight I, where applicable, have been implemented;
- To test elements of the NWRF Multi Agency Plan Flooding;



- To test and explore recovery issues in response to an emergency in North Wales;
- To explore the relationship between SCG and Recovery Coordination Group;
- To exercise the handover procedure from response to recovery;
- To test the longer-term use of voluntary agencies and their transition from providers of short-term food and support to mid-term support;
- To identify future planning, training and exercising needs;
- To demonstrate the potential of visualisation tools to aid the response to an incident.

1.5 Lessons Identified in Exercise Watertight I

One of the objectives of Exercise Watertight II is to 'test whether the lessons identified from Exercise Watertight I, where applicable, have been implemented'. The lessons identified from Watertight I are listed below, the lessons that can and will be tested during Watertight II have a tick next to them.

Lessons Identified in Exercise Watertight I	Can be tested in Watertight II
Gold Need for further multi agency exercises, specifically testing Gold and looking to recovery issues, utilisation of a 'live play' type event The need for separate rooms for each level of command	✓
Development of a more structured feedback method following each stage of the exercise Availability of documentation (specifically MARP) pre exercise to enable opportunity to study and digest Development of infrastructure plans	✓ ✓ ✓
Evacuation plans required In relation to the exercise less use of simulations to enable more time for discussion Development of personal understanding	✓
Silver Future more detailed exercises/training to include potential live play and to also include the recovery phase Room layout to include – use of separate rooms, moveable screens to reduce noise contamination etc	✓
MARP issues – ID of key infrastructure pre event, more utilities information, availability of MARP prior & during exercise From an exercise perspective links between Silver and Bronze unclear Need for staff officer (s) to support Bronze	√



Future training and exercising on a multi agency level, to include: recovery, live play (incld casualties) covering all aspects of flooding

Room layout and positioning (noise contamination issues) Understanding of roles & responsibilities and better personal preparation

Greater clarity of information (trigger points especially) and cascade of information (blogs by agencies suggested), use of supervisor briefings

Improved communication between levels
Inclusion of RSPCA information into MARP
Exercise – more detailed inputs, limitation of feedback and use of experienced others (e.g. GP's Social services)



2.0 Exercise Planning

RAB Consultants will plan the exercise to meet requirements.

2.1 Roles

Russell Burton will undertake the role of exercise planner with support from Claire Wilenchik and from the various members of the Exercise Planning Group. The role of the Exercise Planning Group is to review and approve the exercise proposals. See Appendix A for a list of planning group members. All supporting materials for use by participants on the day of the exercise will be provided by RAB Consultants.

2.2 Tasks

The key tasks for the development of the multi-agency tactical response exercise are:

- On going liaison with the Exercise Planning Group with regard to the exercise format and scenarios;
- Initial collection of data, reports and procedures;
- Determine exercise scenario, and agree the scenario with the Exercise Planning Group;
- Prepare and issue joining instructions and invitations;
- Set up the exercise venue and undertake the exercise day and the structured debriefs;
- Review the exercise documentation and produce a draft post exercise report;
- Produce and issue the final post exercise report.

2.3 Exercise Format and Programme

The exercise is a 'table-top' exercise with approximately 100 participants working together. The exercise will be based on a flooding scenario which will continue into the recovery phase.

The exercise will be planned and delivered in accordance with the following outline programme:

Timescale	Activity		
February to March	Project award		
2009	 Commencement meeting 		
	 Delegate primary roles 		
	 Set Planning milestones and meeting dates 		
	 Collect and review documents and lessons identified in Watertight I 		



Timescale	Activity
April to September 2009	 Confirm Planning Group Members Review information gathered from Exercise Watertight I Confirm venue for the exercise Three interim planning group meetings Develop Exercise Plan, scenarios and supporting materials Present debrief proposals for approval Exercise Initiator approves Exercise Plan
6 May	 First issue of planning document including; Draft exercise agenda Number of participants Location of venue Discuss and agree aims and objectives Outline scenarios and locations
June 2009	Planning group invites participants
1 July	 Second planning group meeting Draft detail scenarios and injects Exercise Agenda Exercise Structure/format agreed Venue requirements specified Draft debrief proposals
15 September	 Third planning group meeting Finalise scenarios and injects for approval Finalise debrief proposals Agree final exercise plans, scenarios and supporting materials All attendees confirmed Exercise Directors Briefing arrangements
21 October	Brief Directing and Debriefing support Staff
22 October	The exercise



Timescale	Activity		
November 2009	 Collate and analyse exercise/debrief material Identify relevant learning and initial recommendations 		
	Circulate Draft PXR to Initiator and Exercise Planning Group		
	Present learning and recommendations to Exercise Planning Group		
December 2009	Receive comments and revise PXR accordinglyDeliver final PXR		

2.4 Exercise Participants

Approximately 100 participants have been estimated to take part in Exercise Watertight II. Two main groups and five sub-groups are proposed to plan an effective multi-agency recovery strategy following a major flood incident. The groups are summarised in the table below.

Main Groups		
Strategic Coordination Group (Approx. No. 15)		



Recovery Coordination Group

(Approx No. 11)

RCG members will be nominated to sit on an appropriate sub-group during sessions that the RCG is not convened.

This group includes;

- Chair Local Authority Executive/Director
- Secretariat Local Authority
- Food Standards Agency
- Social Care Representatives
- Animal Health Defra and Partners
- Countryside Council for Wales
- Chairs of the five sub groups;
 - Health and Welfare
 - Business and Economic Recovery
 - Environmental and Infrastructure
 - Communications
 - Finance and Legal

Sub Groups

Health and Welfare Group (Approx No. 13)

This group includes;

- Chair National Public Health Service
- Secretariat National Public Health Service
- Local Authority Adult Social Services
- Local Authority Children's Services
- Local Authority Environmental Health Officer
- Local Authority Housing and Emergency Accommodation
- Local Authority others as necessary
- Local Health Boards/NHS Trust
- Voluntary Sector e.g. British Red Cross, WRVS, Salvation Army, CAB, Samaritans
- Faith Groups
- Pensions Services and Benefits Agency

Business and Economic Recovery Group

(Approx No. 5)

This group includes;

- Chair Director/Head from Economic and Business/Regeneration Team – Local Authority
- Secretariat Local Authority



	Local Authority	
	Welsh Assembly Government	
	Association of British Insurers	
Environmental and Infrastructure Group	This group includes;	
(Approx No. 15)	 Chair – Local Authority Planning and Transportation or Head of Environmental Services 	
	Secretariat – Local Authority	
	 Local Authority – Principal Environmental Health Officer 	
	Local Authority – Waste Disposal Officer	
	Local Authority – Transport and Highways	
	 Local Authority – Neighbourhood Management 	
	Environment Agency Wales	
	National Public Health Service	
	Local Health Boards	
	Scottish Power	
	Dwr Cymru	
	Network Rail	
	Transco	
	• BT?	
	National Trust/CADW/CCW	
	Other agencies such as Government Decontamination Service	
Communications Group	This group includes;	
(Approx No. 5)	 Chair – Local Authority PR and Communications Manager 	
	Secretariat – Local Authority	
	North Wales Police	
	Government News Network	
	Other Stakeholders e.g. Site Operator, North Wales Tourism Partnership	
Finance and Legal Group	This group includes;	
	Chair – Senior Financial Manager or Solicitor	



(Approx No. 4)	in Local Authority	
	•	Secretariat – Local Authority
	Local Authority – Finance Officers	
	•	Local Authority – Legal Officers

N.B. Some of the above participants may sit on more than one group therefore the participant attendance may not be as high as suggested.

2.5 Basic Exercise Agenda

A basic agenda has been set out below:

Time	Event	Lead
08:30	Registration with Tea and Coffee	
09:00	Welcome and Introduction	R.B
09:10	Presentation	Guest Speaker
09:20	Presentation from Mark Scoggins	M.S
09:30	Recovery Planning Presentation	J.W
09:40	Exercise Watertight II – Scenario 1	R.B
10:00	Session 1	R.B
11:00	Feedback	R.B
11:15	Session 2	R.B
12:15	Feedback	R.B
12:30	Session 3	R.B
13:15	Feedback	R.B
13:30	Scenario 2 - Session 4	R.B
14:30	Feedback	R.B
14:45	Session 5	R.B
15:30	Feedback	R.B
15:45	Debrief	R.B
16:45	Closing Remarks	?
17:00	End	

A more detailed agenda can be found in Appendix D.

2.6 Sites and venues needed for Exercise Watertight II

The exercise will take place at the Strategic Coordination Centre (SCC), Colwyn Bay. Each group will meet in separate rooms as suggested below;

- Exercise Directors will meet in Conference Room 4
- The SCG will meet in Room 2
- The RCG will meet in Conference Room 5



- Joint meetings in Conference Room 3
- Separate rooms will be needed for each RCG Sub Group;
 - o Health and Welfare in Conference Room 1
 - o Business and Economic Recovery in Conference Room 7
 - o Environmental and Infrastructure in Conference Room 2
 - Communications in Room 8
 - o Finance and Legal in Room 9



3.0 Exercise Directing

3.1 Responsibilities

Russell Burton will undertake the role of Exercise Director, including:

- Direct and control the exercise play including an exercise briefing to establish the format of the exercise and determine the ground rules for participants;
- Delegate supporting roles to the Exercise Planning Group and brief them accordingly.

3.2 Directing Roles

Each person from the Exercise Planning Group will act as an Exercise Facilitator during the exercise.

3.3 Exercise Facilitators

Role	Name	Contact number
Registration		
Registration		
Facilitator #1 SCG		
Facilitator #2 SCG		
Facilitator#1 RCG		
Facilitator #2 RCG		
Facilitator Health & Welfare		
Facilitator Environment & Infrastructure		
Facilitator Business & Economic Recovery		
Facilitator Communications		
Facilitator Finance & Legal		
SCG Debriefer		
Debriefer #1		



Debriefer #2	
Debriefer #3	
Debriefer #4	

3.4 Scenarios

Two scenarios will be presented within five sessions as proposed in the structure diagram found in Appendix C. More detailed scenarios will be located in Appendix E once they have been finalised.

4.0 Exercise Debriefing

4.1 Exercise Debriefing

There will be two approaches to the debrief as outlined below;

- The SCG members will complete a debrief form
- The RCG members will complete a full structured debrief and they will be separated into four groups,
 - RCG
 - Health & Welfare
 - Environmental & Infrastructure
 - Business & Economics, Communications and Legal & Finance

The debriefing will be lead by Russell Burton immediately after the exercise has been completed, in the form of a 'structured debrief', this role includes:

- To consult with other primary role holders and design debriefing structures:
- To delegate responsibilities to debriefing support roles when necessary and brief accordingly;
- To collate the debriefing reports.

The structured debrief should take approximately 1 hour. It is assumed that all RCG members will take part in the debrief to offer their own views and give feedback on any issues that were identified in the exercise in respect of a major flood event and recovery.

Appropriate debrief structures will been designed by RAB Consultants for approval by the Exercise Planning Group. It is assumed that the members of the Exercise Planning Group will undertake debrief supporting roles.



5.0 Exercise Completing

5.1 Exercise Completing

Claire Wilenchik will undertake the role of exercise completer, including:

- Collating and analysing information created during the exercise and the debriefings;
- Delegate to completing support roles and brief as necessary;
- Identify relevant learning and make recommendations for action to the Initiator and exercise planning team and record in a Post Exercise Report (PXR).

An exercise evaluation form will be issued to participants to gather feedback on the exercise as an event and this will be included in the PXR.





Appendix A – Exercise Planning Group Contact Details

Name	Organisation	Email/Telephone number
Russell Burton	RAB Consultants	russell@rabconsultants.co.uk 01543 308631/ 07753 730886
Neil Culff	Local Resilience Forum	neil.culff@nwales-fireservice.org.uk
David Hallows Phil Harrison Eilwen Jones Gavin Larter Linda Lewis Karen Padmore Andrea Pashley	British Red Cross Wrexham Council Flintshire Council Ambulance Scottish Power Technium CAST North Wales	DHallows@redcross.org.uk phil.harrison@wrexham.gov.uk eilwen.jones@flintshire.gov.uk Gavin.Larter@ambulance.wales.nhs.uk Linda.Lewis@sppowersystems.com karen.padmore@techniumcast.com andrea.pashley@nthwales.pnn.police.uk
George Range Paul Reeves Stephen	Police Scottish Power Environment Agency Wales Environment	george.range@sppowersystems.com paul.reeves1@environment- agency.wales.gov.uk stephen.shakespeare@environment-
Shakespeare Aled Thomas	Agency Wales North Wales Fire and Rescue Service	agency.wales.gov.uk aled.thomas@nwales-fireservice.org.uk
Claire Wilenchik	RAB Consultants	claire.wilenchik@rabconsultants.co.uk 01543 308 631
Jonathon Williams	Conwy Council	jonathan.williams@conwy.gov.uk





Appendix B - Debrief Plan and Visual

RCG Debrief

Aim

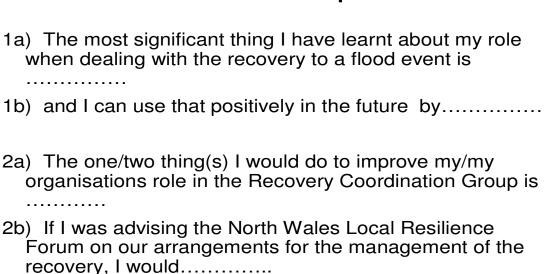
- To get each participant to reflect on their / their organisations role and responsibility when dealing with the recovery to a flood incident.
- To identify personal experiences.
- These views to be shared and discussed to establish ideas for the management of the recovery phase and the 'smooth' handover from the SCG to the RCG.

Initial Prompts

- For me, the two least effective aspects when dealing with the recovery of a flood event in North Wales are
- For me, the two most effective aspects when dealing with the recovery of a flood event in North Wales are



Final Prompts





Roles & Responsibilities



Business & Economic Group





Communication



Finance & Legal





Environmental & Infrastructure Group







Emergency Services

0



HANDOVER











Recovery Plan





Team Work





Venue

































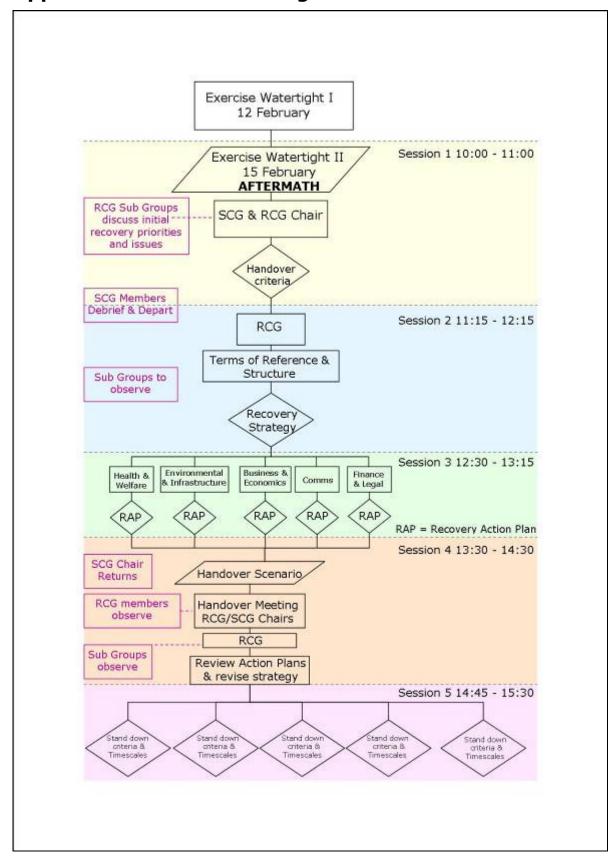
Strategic Co-ordination Group Debrief Form

Individually, please read and respond to the following questions:

1) The two things I have learnt about the Strategic Co-ordination Group are
2) The most significant thing I have learnt about the handover to the Recovery Coordination Group is
3) And if I was advising on the process I would suggest



Appendix C - Structure Diagram







Appendix D - Exercise Directors Agenda

Time Even	t Lead	Outcome	
08:30		with Tea and Coffee	
	Two facilitators needed for registration		
	Tea and Coffee provided throughout the day		
09:00 Welcome and	R.B	 Introductions and arrangements for the 	
Introduction		day	
(Conference R	loom 3)		
09:10 Presentation	Guest	•	
(Conference R	, ,		
09:20 Mark Scoggins		 Introduction to his role in the Exercise 	
(Conference R	,		
09:30 Recovery Plan	_	 Background and Overview 	
(Conference R	,		
09:40 Exercise Wate	_	Exercise rules, importance of audit	
(Conference R	(00m 3)	logging, limitations and objectives • Aftermath scenario	
		Artermati Sechario	
10:00 Session 1 (1	L hour) R.B	VisualisationSCG agree criteria and process for	
(Room 2)	R.D	handover to RCG (direct SCG away	
(Room 2)		from response)	
		RCG Sub Groups to discuss initial	
		recovery priorities and issues in	
		response to Scenario 1	
Suggested fac	cilitators R.B, C.W and	d 2 facilitators to answer questions	
11:00 Feedback	R.B	 SCG and RCG members informed of 	
(Room 2)		respective strategies	
11:15 Session 2 (1		 RCG to agree terms of reference and 	
(Conference	Room 5)	structure and follow suggested planned	
		agenda	
		 Agree recovery strategy 	
666		Sub groups to observe	
	SCG members debriefed, one debriefer needed		
10.15 [6.54655]	חח		
12:15 Feedback		 RCG members feedback on the process 	
12:15 Feedback (Conference R		 RCG members feedback on the process (2/3 questions) 	
		 RCG members feedback on the process (2/3 questions) What was difficult? 	
		 RCG members feedback on the process (2/3 questions) What was difficult? What went well? 	
(Conference R	loom 5)	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? 	
(Conference R	Room 5)	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? 	
(Conference R	Room 5)	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? orking Lunch Develop recovery action plan for each 	
12:30 Session 3 (4	Wo (15 mins) R.B	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? Orking Lunch Develop recovery action plan for each sub group (in light of RCG strategy) 	
12:30 Session 3 (4 Five facilitator	Works (15 mins) R.B	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? Orking Lunch Develop recovery action plan for each sub group (in light of RCG strategy) on each group 	
12:30 Session 3 (4	Wo (15 mins) R.B	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? Orking Lunch Develop recovery action plan for each sub group (in light of RCG strategy) On each group RCG subgroups feedback the key action 	
12:30 Session 3 (4 Five facilitator 13:15 Feedback	Worksom 5) R.B S needed, one to sit R.B	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? Orking Lunch Develop recovery action plan for each sub group (in light of RCG strategy) On each group RCG subgroups feedback the key action points 	
12:30 Session 3 (4 Five facilitator	Worksoom 5) Worksoom 5) R.B Seeded, one to sit R.B hour) R.B	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved? Orking Lunch Develop recovery action plan for each sub group (in light of RCG strategy) On each group RCG subgroups feedback the key action points 	



			handover takes place
			 RCG review strategy and action plans
			 Sub group to observe
14:30	Feedback	R.B	 RCG members feedback on the process (2/3 questions) What was difficult? What went well? How could the process be improved?
14.45	Consider F (AFeelers)	D D	
14:45	Session 5 (45mins)	R.B	 RCG sub groups agree stand down
			criteria and timescales
	Five facilitators needed, one to sit on each group		
15:30	Feedback	R.B	 RCG Sub Group Chairs summarise
			responses
15:45	Debrief	R.B	 Debrief participants in their roles and responsibilities during the recovery process
	Four Debriefers needed		•
16:45	Closing Remarks	?	
17:00	End		

