



# Gwaith Cyfoeth Naturiol Cymru yn Sir Y Fflint

## Natural Resources Wales' Work in Flintshire

### Nick Thomas

Operations Manager (North East Wales)

### Anthony Randles

Team Leader Natural Resource Management (Wrexham & Flintshire)



# Pwy Yden Ni?

# Who we are?

- Established on 1<sup>st</sup> April 2013
- Natural Resources Wales is responsible for the work of Environment Agency Wales, CCW, the Forestry Commission and some WG duties
- The largest Welsh Government Sponsored Body – 1800 members of staff
- Annual budget of around £170 million

# Ein Amcanion

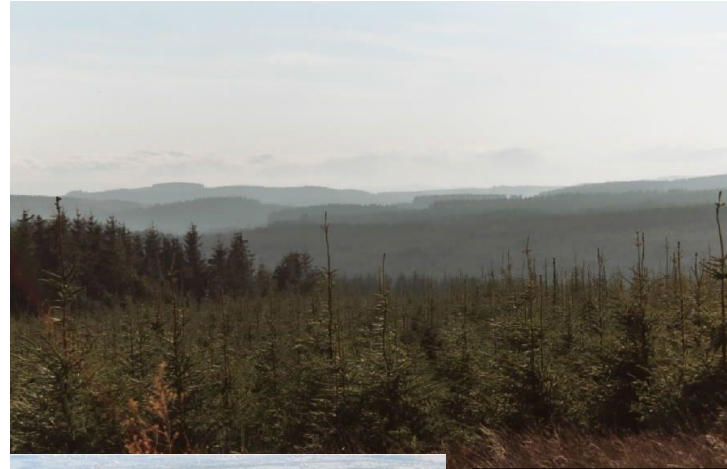
# Our purpose

Our purpose is to protect the environment and natural resources of Wales and ensure they are sustainably maintained, enhanced and used now and in the future.





# Tirfeddiannwr a Rheolwr Tir **Landowner & Land Manager**





# Hamdden a Mynediad **Outdoor Recreation**





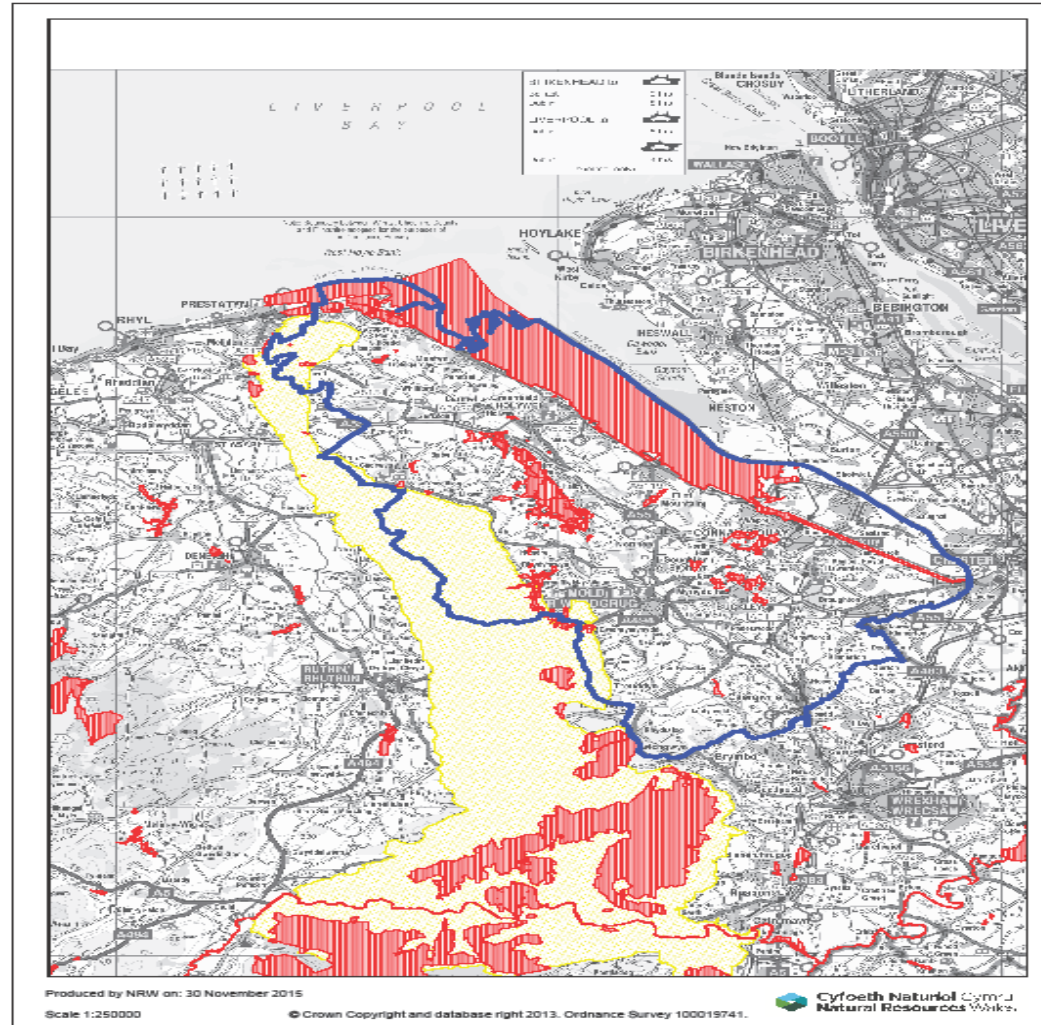
# Awdurdod Penodi



# Designating Authority



# SSSIs and AONB in Flintshire





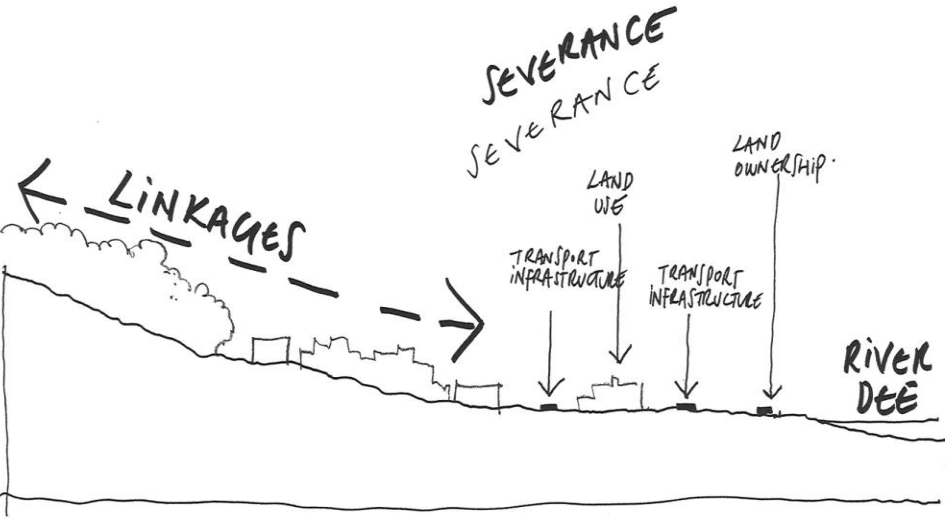
# Hamdden a Mynediad **Outdoor Recreation**





# Her Posib I Dwrstiaeth ar Lan yr Afon Dyfrdwy

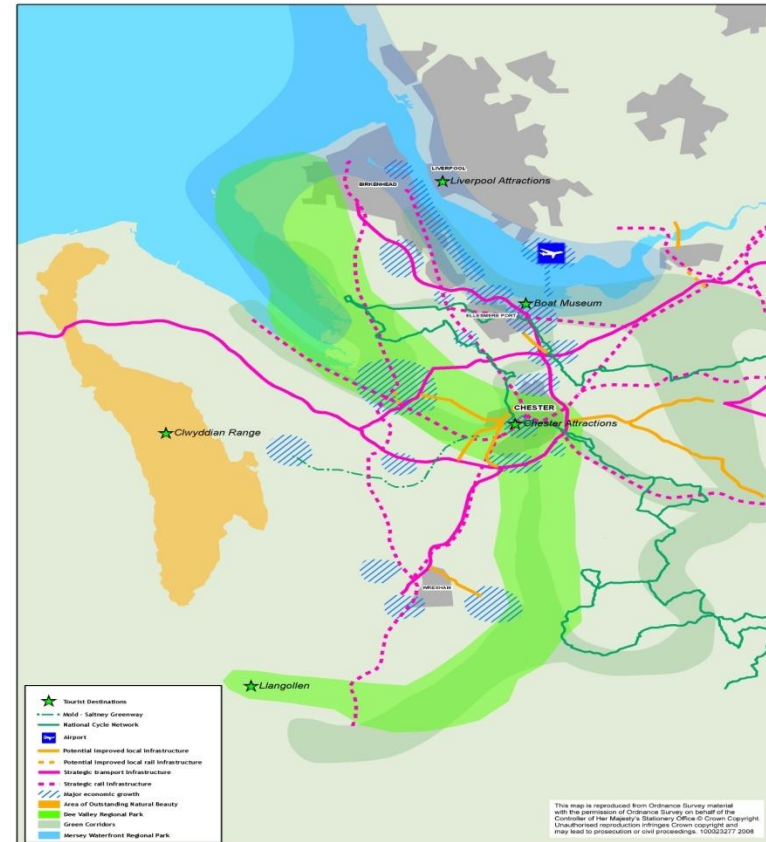
## Flintshire Coastal Tourism Potential Challenges



# Parc Arfordirol Glannau Dyfrdwy?

## Dee Estuary Regional Park?

- To help regenerate the Flintshire Coast & Beyond
- Improve access & understanding of our rich environment
- A large nature reserve – could attract visitors to the area?
- What area does it cover?





# Rheolaeth o Rhywogaethau



# Species Management



# Rhywogaethau Ymledol

# Invasive Species

- Dee Invasive Project (Dee INNS)

<http://www.dinns.org.uk/en/default.aspx>

NRW will contribute £120 000 over 3 years

- Alyn Himalayan Balsam Partnership
- Halkyn Partnership





# Alien Species Legislative Update

## Diweddariad ar Ddeddfwriaeth Rhywogaethau Ymledol

Legislation		Lead Bodies
Alien Invasive Species Directive	Risk Assessment based approach European Alien Invasive Species Monitoring and Control	WG and NRW
Infrastructure Act 2015 (England & Wales)	Species Control Orders* Species Control Agreements*  * Guidance to be prepared by NRW/WG. Use focused on national (site) interest, recently established INNS	WG and NRW
Anti-Social Behaviour, Crime & Policing Act 2014	Community Protection Notices (Suggested use re Japanese Knotweed cases)	Police, LA's

# Rheolaeth o Pysgodfeydd **Fisheries Management**





# Gweithio Mewn Partneriaeth

## Partnership Work

- Annual joint working partnership with the FCC Countryside and Environment Service £37,900 (2015/16)
- Halkyn Mountain Ranger £20,000 (2015/16)
- NRW Competitive Grant Fund has resulted in a grant of £37,450 over two years
- FCC Rights of Way Improvement Plan (ROWIP) £37,700 (2015/16)
- Enhancements to the Wales Coast Path are being funded to the amount of £28 000 (2015/16)

# Y Gyfarwydddeb Fframwaith Ddwr

## Water Framework Directive



## Ecological status

Biological quality elements

H	H	H	H
G	G	G	G
M	M	M	M
P	P	P	P
B	B	B	B

*Lowest classed element*

General chemical and physicochemical quality elements

H	H	H	H
G	G	G	G
M	M	M	M

*Lowest classed element*

Specific pollutants

G	H	G	H	G	H	G	H	G	H
M	M	M	M	M	M	M	M	M	M

Hydromorphological quality elements

H	H	H	H
G	G	G	G

*Lowest classed element*

## Chemical status

Priority substances and other EU-level dangerous substances

G	G	G	G	G	G
F	F	F	F	F	F

*Lowest classed substance*

## Surface water status

Alien species check

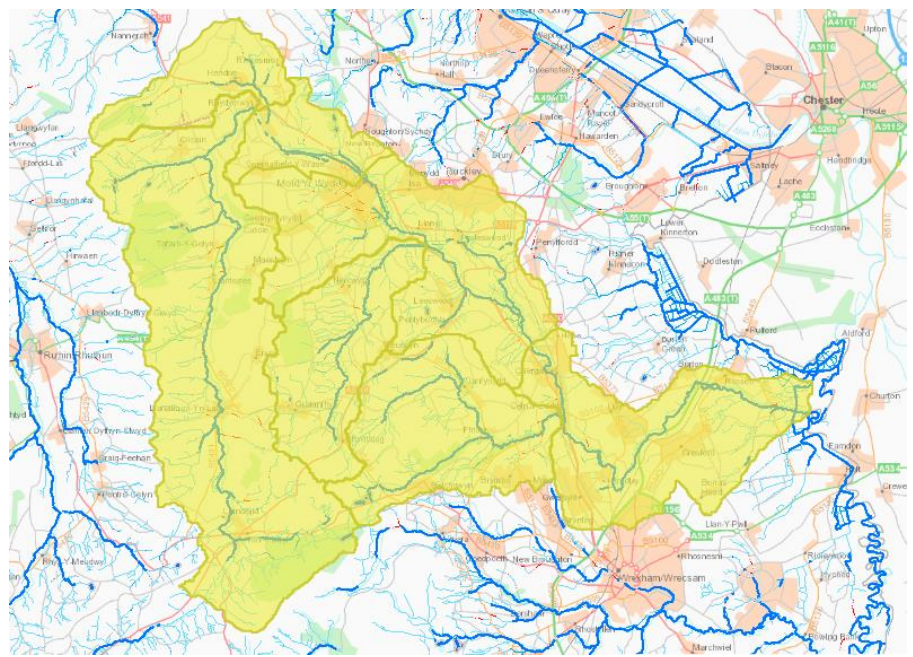
High
Good
Moderate
Poor
Bad

Good
Fail



# Y Gyfarwydddeb Fframwaith Ddwr Prosiect a'r Afon Alun

## River Alyn Water Framework Directive Project



River Alyn catchment WFD Waterbodies	2014 Ecological Status	2015 Ecological Status	Comparison
Alyn - above Rhydymwyn	<b>MODERATE</b> (Zinc, Lead)	<b>MODERATE</b> (Zinc, Lead)	No overall change ( <i>Dissolved Oxygen</i> )
Dolfechlas brook	<b>MODERATE</b> (Phosphate, Macrophytes, Phytobenthos)	<b>MODERATE</b> (Phosphate, Macrophytes, Phytobenthos)	↑ No change
Alyn - Rhydymwyn to Leadmill (Heavily modified Waterbody)	<b>MODERATE</b> (Invertebrates, Phosphate)	<b>MODERATE</b> (Invertebrates, Phosphate)	No overall change (Ammonia )
Alyn - Leadmill to Hope	<b>MODERATE</b> (Ammonia, Phosphate)	<b>MODERATE</b> (Ammonia, Phosphate)	No overall change (Fish Dissolved Oxygen Ammonia )
River Cegidog	<b>MODERATE</b> (Fish)	<b>MODERATE</b> (Fish)	No change
River Terrig	<b>MODERATE</b> (Macrophytes, Phytobenthos)	<b>MODERATE</b> (Macrophytes, Phytobenthos)	No change
Alyn - Hope to confluence with Dee	<b>MODERATE</b> (Invertebrates, Phosphate)	<b>MODERATE</b> (Invertebrates, Phosphate)	No overall change (Phosphate )



# Rheolaeth Amgylcheddol

# Environmental Regulation





# Rheolaeth o Ddigwyddiadau

# Incident Management



# Rheolaeth o Ddigwyddiadau

# Incident management





# Afon Dyfrdwy

# The River Dee

## DEEPOL



Manley Hall Intake  
Protection Station



River Dee Intakes





# Rheoli Risg Llifogydd

## Flood Risk Management

- Oversight role for all flood and coastal erosion risk management in Wales
- Responsible for flooding from Main Rivers, Sea and Reservoirs
- Coastal Erosion Risk Management Authority



### Flintshire CC LLFA

#### Role:

- Lead for managing flood risk from local sources.
- Responsible for flooding from Ordinary Watercourses, Surface Water and Groundwater

# Rheoli Risg Llifogydd

## Flood Risk Management

- Emergency Planning
- Flood Warning
- Community Engagement / Resilience
- Incident Response
- Build New Defences
- Condition Inspections
- Flood Defence Consenting
- Flood Risk Modelling
- Planning Consultee
- Maintenance of Flood Risk Assets



# Rheoli Risg Llifogydd

## Flood Risk Management

### Past works in Flintshire:

- Mold FAS
- Rhydymwyn FAS
- Wepre FAS
- Broughton Brook FAS
- Higher Ferry FAS
- Tidal Dee Strategy

### On-going Projects:

- Pontblyddyn FAS assessment
- Greenfield/Panton Cop study
- Coastal Defence Survey





# Environment Bill

## Content of the Bill

- A clear legal approach to manage our natural resources in a joined-up way
- Focus on economic and social benefits as well as environmental ones
- Reduce complexity, simplify processes and recognition of the value and opportunities provided by natural resources.



# Environment Bill

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## The Environment Bill is aligned to the Well-being of Future Generations Act (WFG)

- The WFG Act will set national Well-being goals and a duty on public bodies, including NRW & Local Authorities, to maximise their contribution to these goals
- Public bodies will set Well-being objectives to deliver these goals, to be taken forward through the Well-being plans
- The sustainable management of our natural resources is the key contribution by NRW to the delivery of the Well-being goals, objectives and plans



Diolch i chi am wrando

**Thank you for listening**

