



Update for
South West Association of Drainage Authorities
May 2023

David Mitchell
Somerset Rivers Authority

Somerset Unitary Authority

1 Board Member Each



Wessex
Regional
Flood & Coastal
Committee

4 Board Members



6 Board Members



TBC

SRA Funded Projects

River Sowy – King's Sedgemoor Drain

- Environment Agency led
- Channel enhancements & Mitigations
- Increase capacity 17 to 21 cumecs
- Various challenges since summer 2022
- Cost pressures
- Phase One largely complete
- However, 1.7km of KSD left bank incomplete
- March Board decision to pause and explore options
- Work on outfalls continues



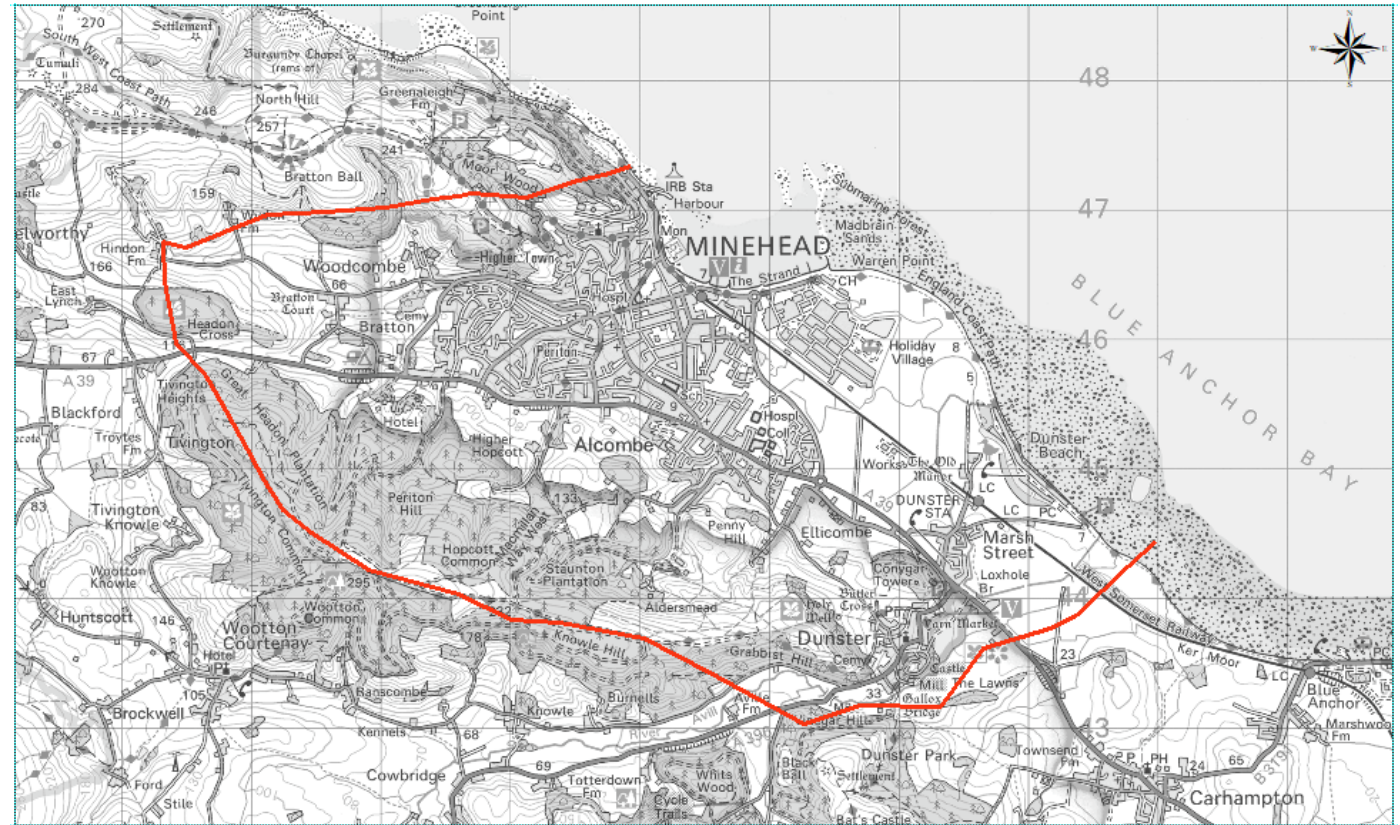
Maintenance Dredging

- January 2023
- 3.75 km
- 150 hours
- 37,000 m³ of silt dispersed
- Delivered by Parrett IDB
- 5th year



Minehead 25 Year Action Plan

- Risks identified
- Multi-agency approach
- Catchment Approach
- Future resilience
- 2D model produced
- Measures identified
- Report soon!
- Wessex Water & LLFA led



'This is a once in a generation opportunity to understand and take action to manage flood risk within Minehead to support the aspirations of the community for housing, tourism, recreation, economic growth, and regeneration.'

Sustainable Urban Drainage Inspections



Attenuation Basin - looking west (towards Combined Headwall inlet/outlet)

- Surface water flood risk
- Somerset ahead of the game
- Undertaken by Somerset Council

- 48 Sites inspected
- Compliance Checks
- 16 Separate Criteria
- Run-off management



Flow Control Device (lhs) & Penstock valve (rhs)



Asset tag - damaged

Langport Flow Station

- Joint funded by the SRA and the Environment Agency
- Measuring flow down the Parrett from a catchment of 770 sq/km
- More data to aid in decision making during times of flood
- Construction in progress

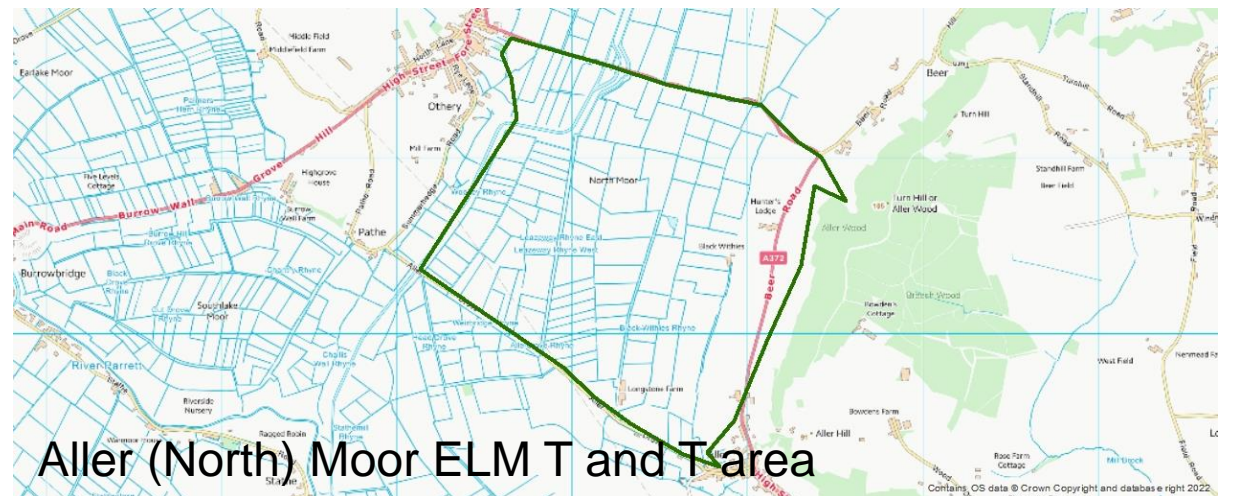


Environmental Land Management T&Ts

- DEFRA water storage test and trial
- 2 Moor Association Areas
- **Currymoor**
 - 418,000m of water stored
 - 31cms
 - Held for 6 days
- **Allermoor**
 - Moor association Support
 - Terms and Conditions Signed
 - Storage trial could not proceed due to weather conditions

Payments made up of

- Participation
- Storage
- Collaboration
- Delivered by FWAG SW
- Lessons Learned to inform DEFRA
- Not universally supported
- SRA Board considering in June



2023-24 Enhanced Programme

Workstream	Value (£000s)	% of Total
Dredging and River Management	£950	44%
Land Management	£580	27%
Urban Water Management	£100	5%
Resilient Infrastructure	£375	18%
Building Local Resilience	£130	6%
	£2,135	100%

Project Title
Somerset Enhanced Maintenance: Drain Jetting.
Somerset Enhanced Maintenance: Gully Emptying
Adaptations and Associations on the Somerset Levels & Moors
Bridgwater Tidal Barrier
Building Local Resilience across Somerset
Desilting Structures
Hills to Levels – Somerset Land Management and Natural Flood Management (NFM)
Chard Urban Run-off
Enhanced maintenance and restoration works in Mendip
River Parrett Maintenance Dredging and silt monitoring
SUDS inspections, mapping and monitoring
Tonedale Feasibility Study

Thank you!

www.somersetiversauthority.org.uk

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