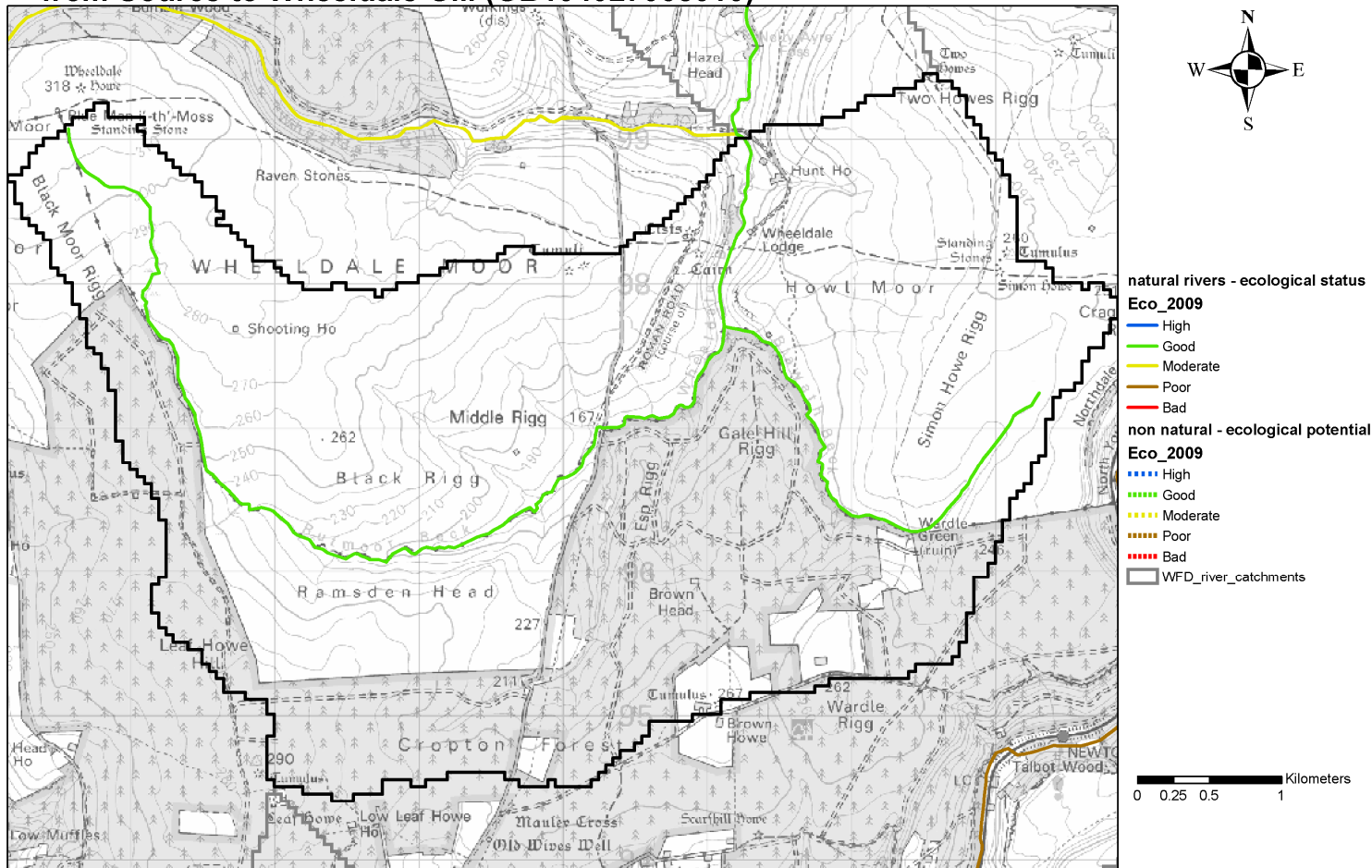


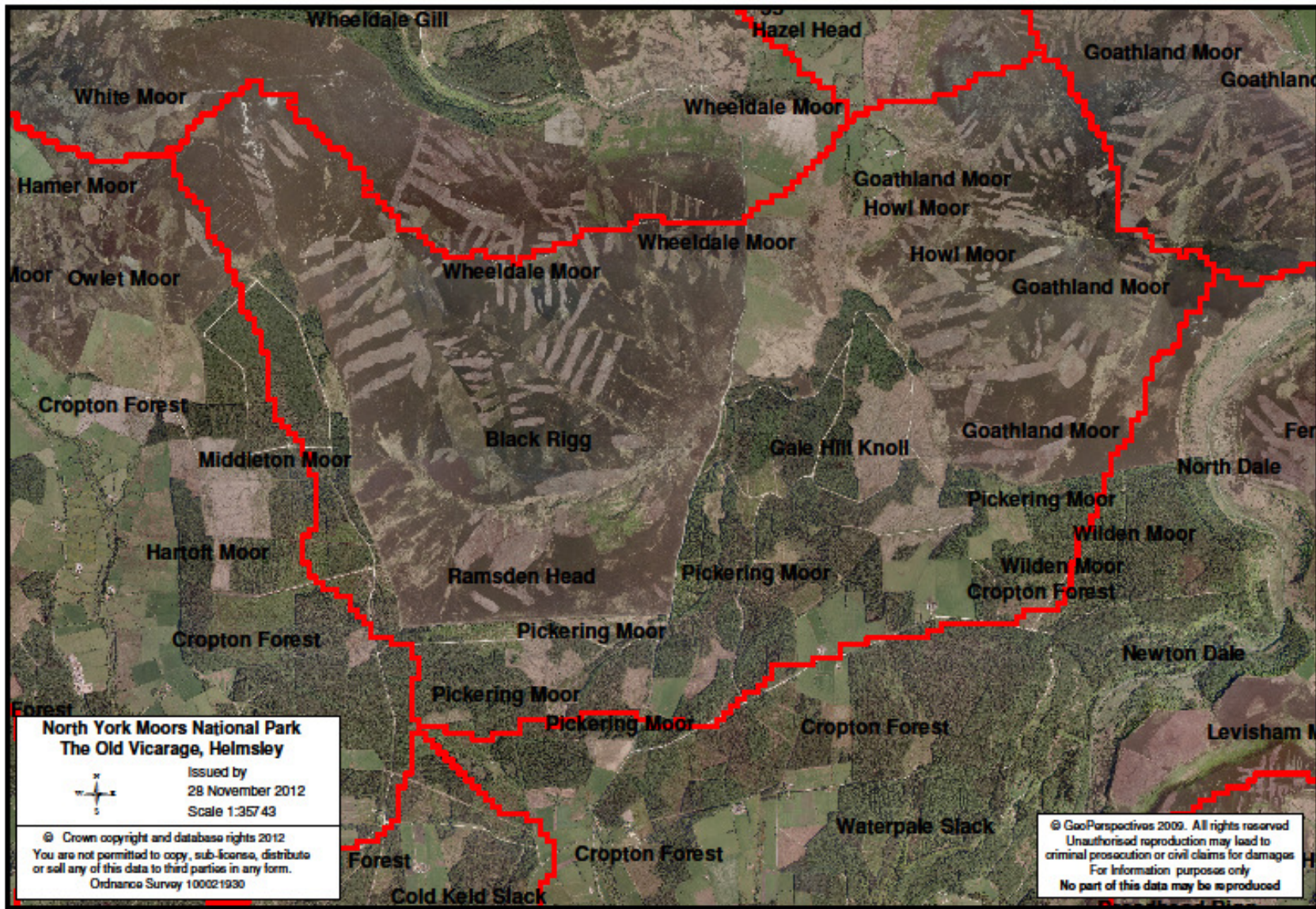
GB104027068010

Murk Esk from Source to Wheeldale Gill (Esk and Coast)

Ecological Status: Good

Waterbody Ecological Status/Potential for Murk Esk from Source to Wheeldale Gill (GB104027068010)





North York Moors National Park
The Old Vicarage, Helmsley

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 Scale 1:35743

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Issues identified	Solutions / work required	Responsibility/Lead	Costing's (High/Medium/Low)	Timings
<p>1) Water quality – Fine Sediment + Nutrients</p> <p>Agriculture</p> <p>Whole Farm Appraisals 3 farm holdings</p>	<ul style="list-style-type: none"> One to one visits with farmers in catchment. "Whole farm appraisals" through Catchment Sensitive Farming Scheme. Identification of any issues. <p>Walkover surveys of farm holdings</p>	<p>Catchment Sensitive Farming Officer (Lead) / NYMNPA</p>	<p>Medium</p>	<p>2013 - 2021</p>
	<ul style="list-style-type: none"> Development of appropriate solution/s to problems (follow up advice and grants) and delivery of improvement work (if required) Group events (advice and training for farmers) Environment Agency Catchment Restoration Fund, other external funding source, NYMNPA grant schemes and/or CSF grant. 	<p>Catchment Sensitive Farming Officer / NYMNPA</p>	<p>High</p>	<p>2013 - 2021</p>
	<ul style="list-style-type: none"> Sediment and Nutrient Monitoring Work. Identify hotspots of sediment and nutrient supply. 	<p>Environment Agency monitoring network</p>	<p>Low</p>	<p>2013 - 2021</p>
<p>2) Water quality – Nutrients</p> <p>Septic tanks</p>	<ul style="list-style-type: none"> Registration of all septic tanks in catchment 	<p>Environment Agency (Lead)</p>	<p>Low</p>	<p>2013</p>
	<ul style="list-style-type: none"> EA to raise awareness of issues and offer best practice guidance 	<p>Environment Agency (Lead)</p>	<p>Low</p>	<p>2013 - onwards</p>
	<ul style="list-style-type: none"> Records of maintenance 	<p>Environment Agency (Lead)</p>	<p>Low</p>	<p>2013 – onwards</p>
	<ul style="list-style-type: none"> Monitoring of maintenance and quality of discharges 	<p>Environment Agency (Lead)</p>	<p>Medium</p>	<p>2013 – onwards</p>

3) Water quality – Fine Sediment and other pollutants from roads Highways	<ul style="list-style-type: none"> Liaison with NYCC highways department Contact with NYCC – possibility to install silt traps and other pollution control measures (i.e. increased use of salt bins). 	Environment Agency (Lead) / NYMNPA	Low	2013
	<ul style="list-style-type: none"> Development of appropriate solution/s to problem (silt traps, ponds, swales) 	NYCC / Environment Agency / NYMNPA	Medium	2013 - 2027
	<ul style="list-style-type: none"> Improvement work 	NYCC	High	2013 - 2027
4) Peatland Restoration Goathland Moor Howl Moor Wheeldale Moor Black Rigg Ramsden Head	<ul style="list-style-type: none"> Liaison with land owners and land managers 	Yorkshire Peat Partnership / Natural England / NYMNPA	Low	2013 - 2014
	<ul style="list-style-type: none"> Walkover surveys to identify problem areas (grips, gullies, bare peat and problem tracks) 	Yorkshire Peat Partnership / Natural England / NYMNPA	Medium	2013 - 2021
	<ul style="list-style-type: none"> Development of appropriate solution/s to problems (grip and gully blocking, peat stabilisation, re-profiling and re-vegetation) and delivery of improvement work. 	Yorkshire Peat Partnership / Natural England / NYMNPA	High	2014 - 2021
5) Woodland Measures Potential for removal of conifers, fuzzy forestry and riparian buffer strips Northern sections of Cropton Forest	<ul style="list-style-type: none"> Liaison with land owners and land managers 	Forestry Commission / NYMNPA	Low	2013 - 2027
	<ul style="list-style-type: none"> Identify suitable sites for native woodland creation 	Forestry Commission / NYMNPA	Low	2013 – 2027

	<ul style="list-style-type: none"> Carryout woodland creation through the Forestry Commission (English Woodland Grant Scheme), Forestry Commission planned work or NYMNPA grant schemes. 	Forestry Commission (Lead) / NYMNPA	Medium	2013 - 2027
6) Land Management Agri-environment schemes through Natural England Entry Level Stewardship Upland Entry Level Stewardship Higher Level Stewardship	<ul style="list-style-type: none"> Liaison with Natural England staff Promotion of resource protection measures in expiring Entry Level Stewardship agreements and new Upland Entry Level Stewardship agreements. Promotion of farms in the Esk valley for the Higher Level Stewardship scheme. 	NYMNPA (Lead)	Low	2013 - 2021
	<ul style="list-style-type: none"> Incorporation of resource protection measures in expiring Entry Level Stewardship agreements and new Upland Entry Level Stewardship agreements. New HLS agreements signed in the Esk valley (incorporating resource protection measures) 	Natural England (Lead) / NYMNPA	Medium	2013 - 2021
7) Water quality monitoring Chemical and Biological Monitoring of River Esk and its tributaries	<ul style="list-style-type: none"> Expand current network of chemical and biological monitoring sites to include all main tributaries of the Esk. 	Environment Agency (Lead)	Medium	2013 – onwards

<p>8) Pollution monitoring</p>	<ul style="list-style-type: none"> • Angling Clubs to continue to monitor the river for sources of pollution and report any pollution problems to the Environment Agency via incident hotline • CSF officer, Natural England staff, NYMNP staff to report any pollution problems to the Environment Agency via incident hotline 	<p>Goathland Angling Club, other Angling Clubs, Natural England, NYMNP, Yorkshire Esk Trust</p>	<p>Low</p>	<p>2013 - onwards</p>
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