Further to the customer event that was held at Grassholme Reservoir on the 29th June 2019, this bulletin is to share the latest information regarding the essential maintenance and improvement works at Grassholme Reservoir. The three key areas of works at the reservoir are 'Spillway Improvement Works', 'Northern Embankment Improvement Works' and 'Fishing and Sailing Amenity Works'. This bulletin highlights the works and provides visualisations of planned works at the end of construction and 15 years post construction. Should you have any queries regarding the proposed works and would to discuss further, please contact the Northumbrian Water customer contact centre on 0345 717 1100 to speak to a member of our Project Team.
GRASSHOLME RESERVOIR IMPROVEMENT WORK
NORTHUMBRIAN WATER ARE UNDERTAKING IMPROVEMENT WORKS TO GRASSHOLME RESERVOIR

**Dam Crest and Spillway Improvement Works:**
The photo below provides an overview of the proposed works to enhance the dam and the spillway structures. The work will improve the site's resilience and enable ongoing provision of water for supply and compensation flow to the River Lune and River Tees.

**How we propose to keep residents updated**
Project news, traffic information, and progression updates will be available via an online community portal Grassholme Reservoir. Details on how to access this have been provided within the letter from Northumbrian Water prior to the start of the construction works or find here: https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019. You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto www.nwl.co.uk and arrange for a call back. They will advise the project team who will contact you to discuss.
**Dam crest and Spillway Improvement Works:**
The visualisation below provides an overview of the proposed works post construction to improve the resilience the dam and spillway structures. The works will enable ongoing provision of water for supply and compensation flow to the River Lune and River Tees.

- Spillway walls raised
- Tumble Bay walls raised
- Spillway weir reduced
- Grass reinforcement mesh to top of dam installed
- Two earth bunds constructed
- New drainage
- Road surfacing
- Existing Dam Crest improvement works including new drainage and road surfacing

**Post Construction Overview**

How we propose to keep residents updated
Project news, traffic information and progression updates will be available via an online community portal Grassholme Reservoir. Details on how to access this have been provided within the letter from Northumbrian Water prior to the start of the construction works or find here: https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019. You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto www.nwl.co.uk and arrange for a call back. They will advise the project team who will contact you to discuss.
South Spillway & Dam Crest Improvement Works

Works are being carried out to provide asset enhancement. The ‘proposed’ photos below show a conceptual visualisation of the works to the South Spillway, North Spillway and Dam Crest to aid understanding of the works we are undertaking.

North Spillway & Dam Crest Improvement Works

Dam Crest & Spillway Improvement Works

How we propose to keep residents updated

Project news, traffic information and progression updates will be available via an online community portal Grassholme Reservoir. Details on how to access this have been provided within the letter from Northumbrian Water prior to the start of the construction works or find here: https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019 You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto www.nwl.co.uk and arrange for a call back. They will advise the project team who will contact you to discuss.
Fishing and Sailing Amenity Works

Works are being carried out to accommodate the changes to the water level in the reservoir, to improve access to the fishery and to improve the sailing club facilitates in terms of access, storage and boat launch. The ‘proposed’ photo below is a conceptual visualisation of the works to the fishing and sailing amenity with the aim to aid understanding of the works we are undertaking.

How we propose to keep residents updated

Project news, traffic information and progression updates will be available via an online community portal Grassholme Reservoir. Details on how to access this have been provided within the letter from Northumbrian Water prior to the start of the construction works or find here: https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019

You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto www.nwl.co.uk and arrange for a call back. They will advise the project team who will contact you to discuss.
Northern Embankment Improvement Works

Northern Embankment Earthworks: Earthworks to be carried out at the Northern Embankment to improve slope stability. The ‘Proposed’ photo below is a Post-Construction conceptual visualisation of the re-graded slope, the reinstated borrow pit, the re-aligned Carl Beck watercourse, re-aligned stone wall, compensatory planting area and new stone access track at the rear of the tumble bay to aid understanding and to seek views of stakeholders.

How we propose to keep residents updated

Project news, traffic information and progression updates will be available via an online community portal Grassholme Reservoir. Details on how to access this have been provided within the letter from Northumbrian Water prior to the start of the construction works or find here: https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019

You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto www.nwl.co.uk and arrange for a call back. They will advise the project team who will contact you to discuss.
Northern Embankment Improvement Works

Tree Planting Works: Existing trees on the northern embankment slope will be removed and relocated within the new planting areas where practical to enable the earthworks to be carried out. We will plant trees within an area double to that impacted upon by our works. The ‘Proposed’ photo below is a Post-Construction and 15 years post-construction conceptual visualisation of the tree planting work, realigned Carl Beck, North Spillway to aid understanding and to seek views of stakeholders.

How we propose to keep residents updated

Project news, traffic information and progression updates will be available via an online community portal Grassholme Reservoir. Details on how to access this have been provided within the letter from Northumbrian Water prior to the start of the construction works or find here: [https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019](https://nwlcommunityportal.co.uk/Projects/grassholme-reservoir-2019)

You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto [www.nwl.co.uk](http://www.nwl.co.uk) and arrange for a call back. They will advise the project team who will contact you to discuss.
Northern Embankment Improvement Works

Existing Access Track Improvement Works: Existing access track along the back of the Northern Spillway tumble bay will be used as a construction access track and will be reinstated after works completion. The ‘Proposed’ photos below show a Post-Construction and 15 years post-construction conceptual visualisation of the track to aid understanding and to seek views of stakeholders.

Track improvement works include:
- Widening of track
- Track resurfaced to a stone finishing
- Replacing railing with new concrete wall along the tumble bay side
- New fencing along the embankment side

Existing

Proposed—Post Construction

Proposed—15 years post construction

How we propose to keep residents updated

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You can also contact Northumbrian Water’s customer care team on 0345 717 1100 or log onto www.nwl.co.uk and arrange for a call back. They will advise the project team who will contact you to discuss.