



City of
BRADFORD
METROPOLITAN DISTRICT COUNCIL

BRADFORD COUNCILS APPROACH TO SEVERE WEATHER



Public awareness -
Who changes to
Winter tyres? Sets
off early/walks to
school/work?



Parked
vehicles
blocking
access



Standing traffic, if
traffic isn't moving
neither are the
gritting wagons



Street
furniture
blocking
access for
footway
gritting



Increase in demand
– vaccination
centres/new
housing
developments/grit
bins



Ageing workforce,
lack of motivation,
supermarkets pay
more, unsociable
hours



Lack of help - What
do you do when it
snows?



Less snow, more
pressure on
decision makers

The future?



Road surface ground cast sensors



Salt Barn – quality, costs



Electric Gritting fleet, environment



Create younger workforce, 3 apprentices started in August 2022

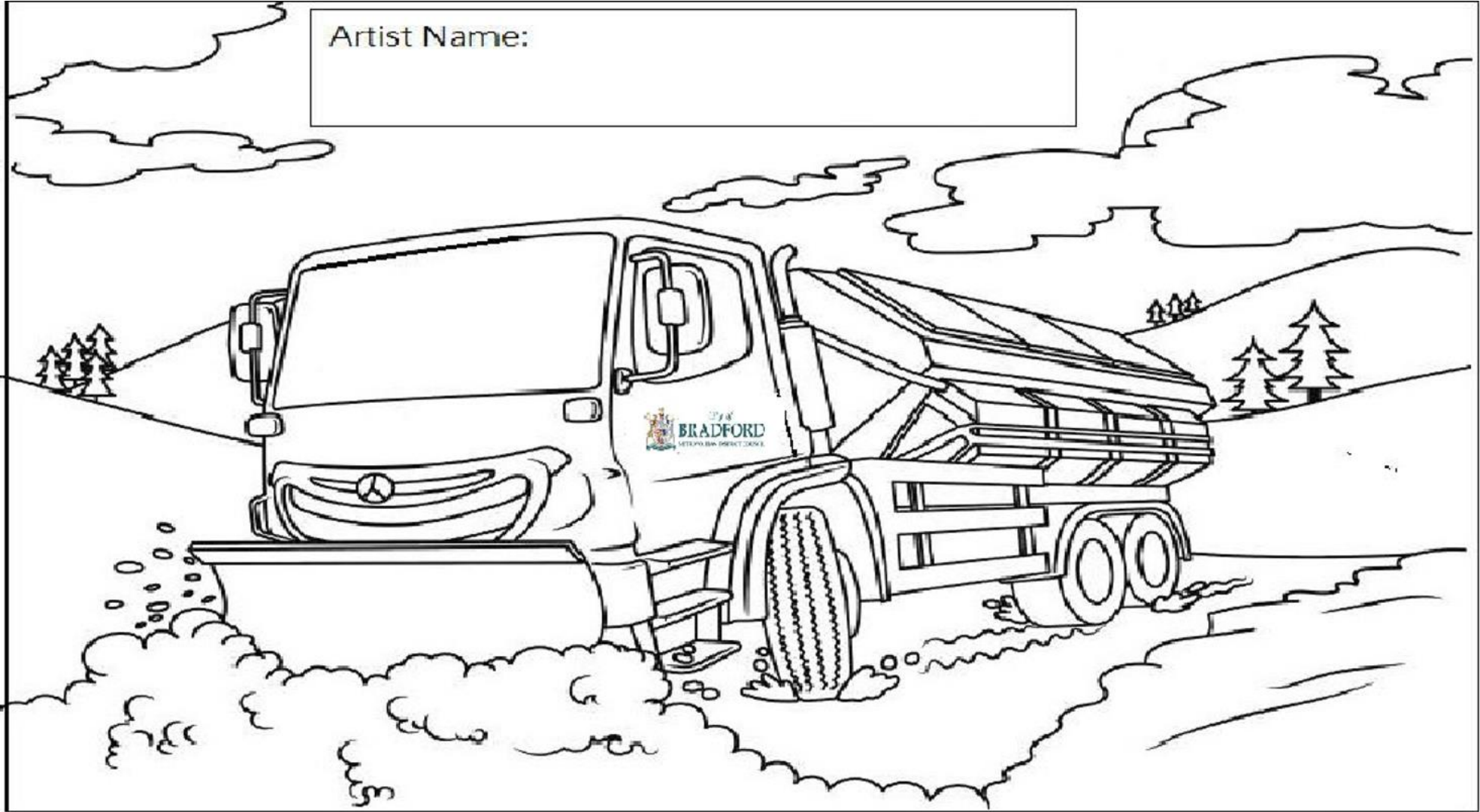


Work more with internal/external depts



Improve communication

Artist Name:



Dear Ms Hinchcliffe

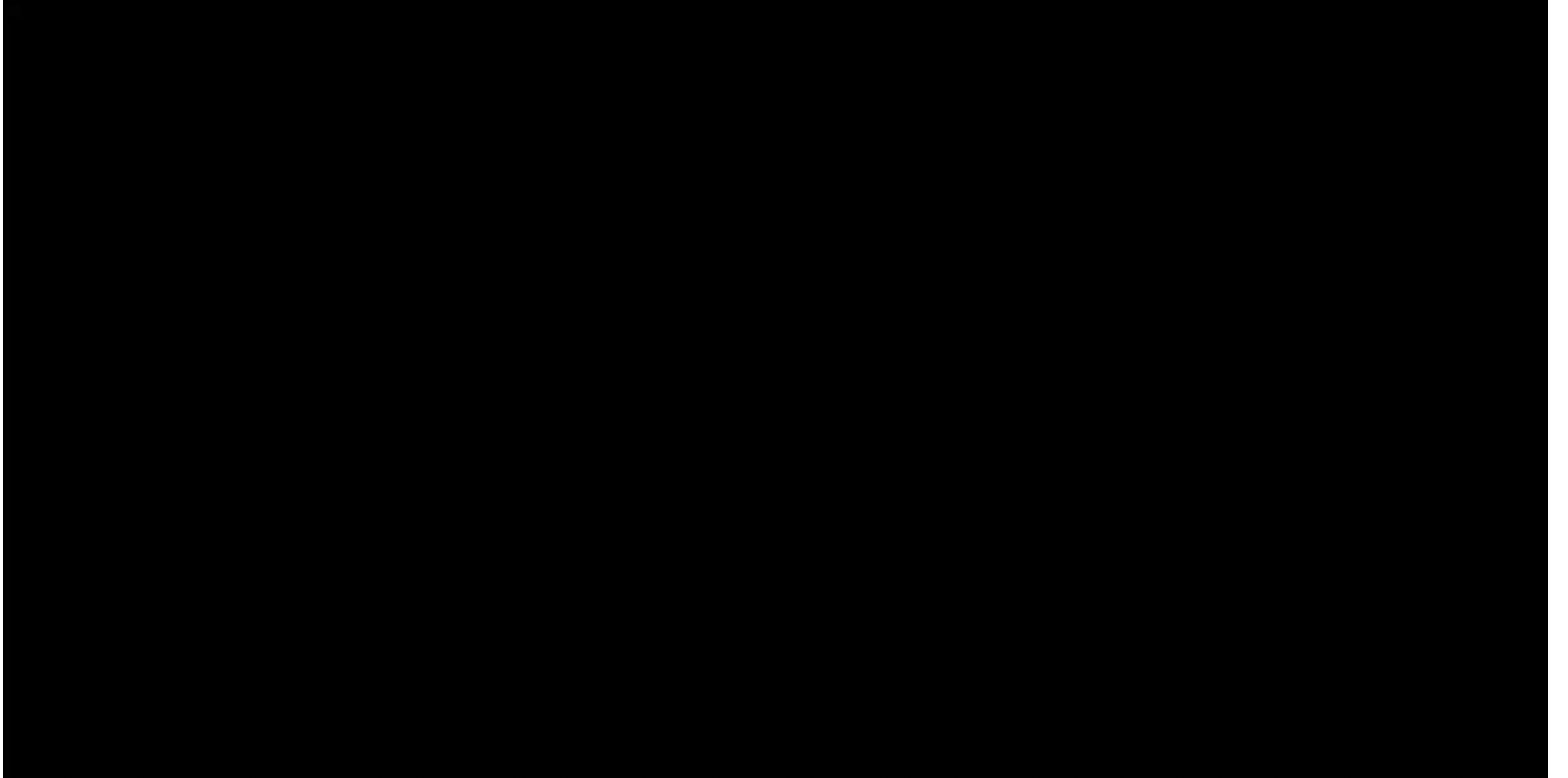
Thanks for your prompt response and signing posting the issues to the appropriate officer. Attached photo as a proof of the service received .

I was amazed by Mr Naylor such a down to earth person , the inside problem and solution he had under his sleeves were mind blowing and I agreed to whatever he informed me and the other neighbours of Baptist court.

I have lived in this country for 18 years and out of these 6 years at Baptist unaware of the grit request and the how it works.

Thanks to you Ms Hinchcliffe for your support to our neighbourhood where any issue that of vital important to the community is always addressed.







PRIORITY ONE GRITTING ROUTE

Griffe Drive Wyke has been included on the priority one gritting route for this Winter period however our gritting wagons are experiencing difficulty gaining access.

This is a polite request to please park vehicles off the carriageway and allow as much room as possible for the gritting wagon to manoeuvre.

If issues with access continue Griffe Drive will have to be removed from the priority one gritting route.

The Winter period has now started and will not end until April 2023.

Yours faithfully

Paul Naylor
Divisional Manager
Highways Delivery Unit

With regard to the above captioned subject.

I have checked the development against matrix for grit bins. The site scores 200 and sites that score above 125 qualify for winter maintenance so grit bins are applicable.

There is a grit bin in existence presumably placed by the developer on road one near the junction with the B6429 and I would not disagree with that placement.

I would suggest two further bins at road one junction with road two on the grassed area. The second at the junction of road one with road nine again on the grassed area. Please see attached plan, black crosses denote suggested location.

That would give us a commuted sum of $3 \times \text{£}2,818,29 = \text{total } \text{£}8,454,87$. I have attached extract of spec below.





Visualization: Wx Horizon Pro

Situational awareness map showing the latest observation and modelled data for the above

observation points and five virtual points

Current and forecast radar, satellite, wind speed, and feels-like temperatures map layers

Station and site data table

Camera images

24 or 72-hour location-specific road weather forecast for every individual observed point (full weather

station or Cast sensor). For Vaisala-generated forecasts, the parameters on the graph are:

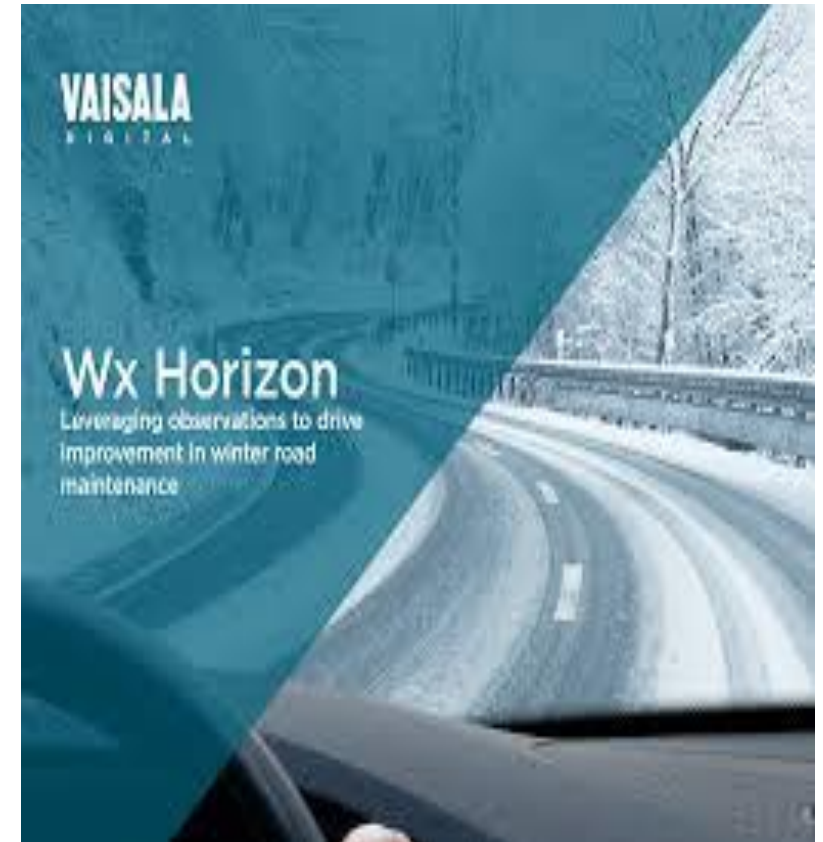
- Road Surface temperature
- Surface State
- Grip
- Ice, snow and water layer thickness
- Air Temperature, Dew Point, Wind Speed and Direction

Display of non-Vaisala (DTN) generated site-specific and text-based forecasts

Observation and forecast alert notifications via SMS, text, or voice mail

Wx Horizon API for data access and integration into other internal (non-commercial) applications

Instant access to archived observation and forecast data





OVER £160,000 worth of salt is lost from Council depots in [Bradford](#) each year because it is washed away by the rain, a meeting has been told.

As part of a shake-up of its Winter services, such as gritting, Bradford Council is looking to build a huge “salt barn” at its Wakefield Road depot. Currently salt is stored at two sites, Wakefield Road and Stockbridge Depot in [Keighley](#). But at both these sites, the salt used to grit roads is stored in the open – and prone to the elements.

At a meeting of Bradford Council’s Executive, members were told this open storage means that around 15 per cent of the salt stock, roughly 3,825 tonnes, is lost each year. This adds up to about £162,000 worth of stock lost each year.

A report to the Executive said the creation of a 18,000 tonne capacity salt barn at Wakefield Road could prevent £112,000 worth of salt being lost each year.

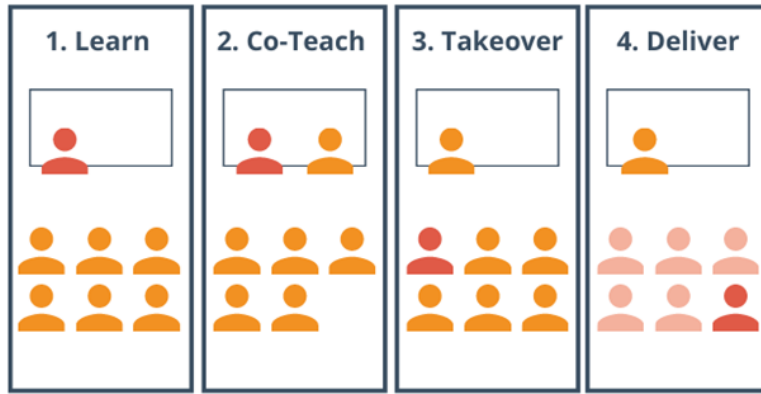
The Executive were asked to approve the Council’s new Winter Services Plan – a shake up of a service that overspend its budget by £700,000 last year. The plan will include a £46,000 upgrade of the district’s two weather stations, at Queensbury and Silsden – needed due to the age of the existing equipment. The Council will also purchase “surface temperature ground sensors” to better assess what roads need gritting. The report said the new plan would “bring increased efficiency to the winter maintenance service by addressing known weaknesses whilst also embracing the opportunity its future development by adopting technology supporting decision-making in the treatment of the network.” Richard Gelder, Highways Services manager, said the Council lost a “significant amount” of its salt stock each year, adding: “We’re looking at the best ways to store it undercover.” He said the Council was also looking into using electric gritters – and would likely lease an electric vehicle to use this Winter. He said: “It will help us see how it compares to the diesel vehicles.”

Council Leader Susan Hinchcliffe said: “This is a service all of our residents need each year – it is important we get it right.” Referring to how the department’s budget was dependent on long term weather forecasts, she added: “Some years the department doesn’t spend the budget, other years it massively overspends. It is difficult to assess how much it needs each year. Recently Winters have been a lot more rainy, and with a lot higher winds.”

Councillor Alex Ross Shaw, Executive for Regeneration, Transport and Planning, said the service covers 700 miles of the district’s roads, adding: “We all want as many streets a possible covered. A salt barn would be such a huge step forward.”

The Executive approved the Winter plan.

Train-the-Trainer Model



= Master Trainer = Potential Trainer = Student

ECON
train
the
trainer



Urban Driver
Apprentice

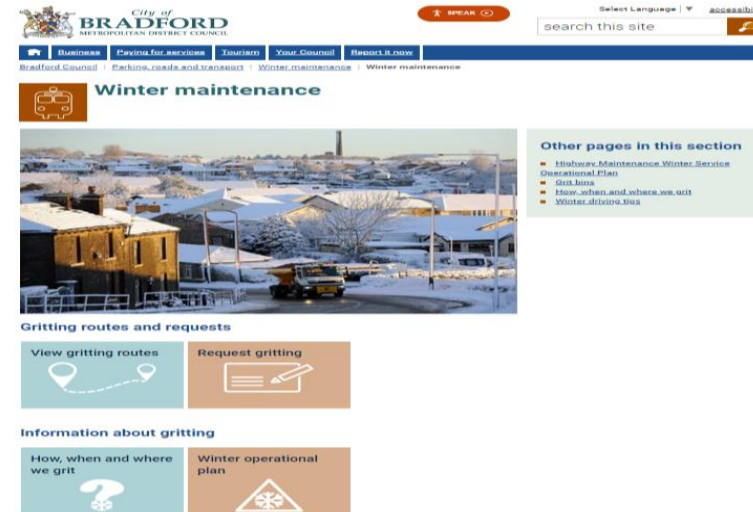
DTN Weather Training STANDARD COURSE HANDOUT (virtual)



DTN Training

Guidance covering the main points and figures in the Standard road-weather training course held in the UK in season 2023/24

Dr Julian Mayes, Weather and climate consultant



Social Media

**Safecote Supamix Clear
liquid anti/de-icer**







Poland



Romania



Austria



National Highways expects part of the A421 main road in Bedfordshire to remain closed on Tuesday after it was submerged by flooding

MESSAGE FROM THE MET OFFICE ADVISOR - AMBER WARNING FOR RAIN (and update to previous YELLOW WARNING)

John West <john.west@metoffice.gov.uk> on behalf of Met Office Advisor (Civil Contingency - E Mids, Yorks & Humber) <emidsyorksandhumber.cca@metoffice.gov.uk>
To

Reply Reply All Forward

Wed 22/05/2024 06:30

If there are problems with how this message is displayed, click here to view it in a web browser.

- NSWWS - AMBER RAIN - 220524.pdf .pdf File
- NSWWS - YELLOW RAIN UPDATE - 220524.pdf .pdf File

CAUTION: This email has originated from outside Bradford Council. Do not click links or open attachments unless you recognise the sender and know the content is safe.

Good morning colleagues,

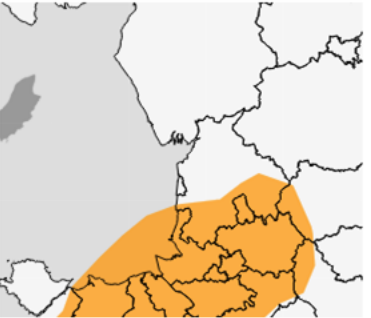
An area of low-pressure arriving from the east will bring significant rainfall throughout the course of the next 24-30 hours. A broad **YELLOW** warning for **RAIN** was issued yesterday to warn for potential **MEDIUM IMPACTS** due to the prolonged and at times heavy rain forecast, which has now been **UPDATED** to extend the warning area further south across parts of Wales and the West Midlands (please see updated warning attached).

With an increase in confidence as to where the heaviest and most prolonged rain will fall, the Met Office have now issued an **AMBER WARNING for RAIN** citing a **MEDIUM LIKELIHOOD OF MEDIUM IMPACTS** across parts of North Wales and North West England, Derbyshire and West Yorkshire **valid 12:00 today – 12:00 Thursday.**

This system is unusual in that it is moving from east to west (we usually see the weather coming from the Atlantic) and therefore some of the worst conditions (both rain and strong winds) will be across north-facing hills and upslopes in North Wales and northern England. (please see "further details" section in the warning).

Amber warning Rain

Between **12:00 Wed 22 May 2024** and **12:00 Thu 23 May 2024**



Rain will become heavy and persistent later Wednesday and Thursday with flooding and disruption likely.

What to expect

- Delays and some cancellations to train and bus services are likely
- Fast flowing or deep floodwater is likely, causing danger to life
- Spray and flooding probably leading to difficult driving conditions and some road closures

GULLY-CLEANSING-SCHEDULE-2024

Week#	WAGON-1#	WAGON-2#	WAGON-3#
1-(01/01/24)#	Catch-Up-21-day-reports#	Catch-Up#	Catch-Up-21-day-reports#
2-(08/01/24)#	C503 + C201#	B6147#	Keighley-Route-1-(Keighley-Main-Routes/Bypass)#
3-(15/01/24)#	C501#	B6380#	Catch-Up#
4-(22/01/24)#	Keighley-Route-2-(Silsden/Addingham)#	C513#	HOTSPOT-KNOWN-STANDING-WATER-AREAS#
5-(29/01/24)#	Keighley-Route-2-(Silsden/Addingham)#	A644#	Wakefield-Road-Route-9-(Shipley/Baildon/Hollins-Hill/Esholt)#
6-(05/02/24)#	C514 + B6269#	A647#	Wakefield-Road-Route-9-(Shipley/Baildon/Hollins-Hill/Esholt)#
7-(12/02/24)#	C508#	A647#	Wake'd-Rd-Route-3-(Bark'rd/Fagley/Thornbury/Brd.Moor/E-Bolwing)#
8-(19/02/24)#	A650-(Bingley-Cleansing-closures)#	A647#	Wake'd-Rd-Route-3-(Bark'rd/Fagley/Thornbury/Brd.Moor/E-Bolwing)#
9-(26/02/24)#	Keighley-Route-3-(Cross-Roads/Haworth/Oxenhope/Stanbury)#	A647 + A641#	Wakefield-Road-Route-4-(Tong/Laisterdyke/Holmewood/Tversal)#
10-(04/03/24)#	Keighley-Route-3-(Cross-Roads/Haworth/Oxenhope/Stanbury)#	A641#	Wakefield-Road-Route-4-(Tong/Laisterdyke/Holmewood/Tversal)#
11-(11/03/24)#	A6038#	B6144#	Wake'd-Road-Route-5-(Girlington/Heaton/Chellow-Dene/Lidge-Green)#
12-(18/03/24)#	C510 + B6151#	A58 + B6379#	Wake'd-Road-Route-5-(Girlington/Heaton/Chellow-Dene/Lidge-Green)#
13-(25/03/24)#	A650-(Riddlesden/Marley-Cleansing)#	A6036#	Wake'd-Road-Route-6-(Bolton/App-Bridge/Bavenscliffe/Thp-Edge/Idle)#
14-(01/04/24)#	Keighley-Route-4-(Brackenbank/Oakworth/Oldfield/Laycock)#	A658#	Wake'd-Road-Route-6-(Bolton/App-Bridge/Bavenscliffe/Thp-Edge/Idle)#
15-(08/04/24)#	A65-(Burley-Cleansing)#	A658#	Keighley-Route-7-(Harden/Wilsden/Cottingley)#
16-(15/04/24)#	Keighley-Route-4-(Brackenbank/Oakworth/Oldfield/Laycock)#	B6145#	Keighley-Route-7-(Harden/Wilsden/Cottingley)#
17-(22/04/24)#	A629-(Keighley/Silsden-Cleansing)#	B6145#	Catch-Up#
18-(29/04/24)#	C119 + B6382#	B6145#	Ilkley-Route-1-(Ilkley/Ben-Rhydding)#
19-(06/05/24)#	A657 + B6149#	A6037#	Ilkley-Route-1-(Ilkley/Ben-Rhydding)#
20-(13/05/24)#	C502#	A6037 + A6176#	Keighley-Route-8-(Bingley/Eldwick/Gilstead)#
21-(20/05/24)#	A629-(Silsden/Eastburn-Cleansing)#	A6181#	Keighley-Route-8-(Bingley/Eldwick/Gilstead)#
22-(27/05/24)#	B6143#	A6181 + C111#	Keighley-Route-9-(Problem-Areas)#
23-(03/06/24)#	B6265#	C111#	Wake'd-Rd-Route-7-(Map'hm/White-Abbey/Shipley/Eriz'hall/Saltaire)#
24-(10/06/24)#	B6265 + A657#	C111#	Wake'd-Rd-Route-7-(Map'hm/White-Abbey/Shipley/Eriz'hall/Saltaire)#
25-(17/06/24)#	B6141#	C111#	Wake'd-Rd-Route-8-(Swain-House/Thackley/Windhill/Wrose/Shipley)#
26-(24/06/24)#	Keighley-Route-5-(Long-Lee/Bycroft/Cullingworth)#	C111#	Wake'd-Rd-Route-8-(Swain-House/Thackley/Windhill/Wrose/Shipley)#
27-(01/07/24)#	Keighley-Route-5-(Long-Lee/Bycroft/Cullingworth)#	C111#	Ilkley-Route-2-(Ilkley/Menston/Burley)#
28-(08/07/24)#	A6035 + A660#	C111#	Ilkley-Route-2-(Ilkley/Menston/Burley)#
29-(15/07/24)#	B6142#	C111#	Wakefield-Road-Route-2-(Wyke/Delph-Hill/Euroway/Bierley/Odsal)#
30-(22/07/24)#	A65#	C111#	Wakefield-Road-Route-2-(Wyke/Delph-Hill/Euroway/Bierley/Odsal)#
31-(29/07/24)#	Keighley-Route-6-(Ridd'sdn/E-Morton/Keighley/Brat'wt/Steeton)#	C111#	Catch-Up#
32-(05/08/24)#	Keighley-Route-6-(Ridd'sdn/E-Morton/Keighley/Brat'wt/Steeton)#	C111#	Wakefield-Road-Route-10-(City-Centre)#
33-(12/08/24)#	B6146 + B6144#	C111#	Wakefield-Road-Route-10-(City-Centre)#
34-(19/08/24)#	B6146 + B6144#	C111#	Queensbury-Route-1-(Queensbury/Thornton)#
35-(26/08/24)#	A6034#	A6177#	Queensbury-Route-1-(Queensbury/Thornton)#
36-(02/09/24)#	A65-(Addingham-Cleansing)#	A6177#	Catch-Up#
37-(09/09/24)#		STANDING-WATER-AREAS#	
38-(16/09/24)#		STANDING-WATER-AREAS#	
39-(23/09/24)#		STANDING-WATER-AREAS#	
40-(30/09/24)#	A657#	A650#	STANDING-WATER-AREAS#
41-(07/10/24)#	Catch-Up#	A650#	HOTSPOT-KNOWN-STANDING-WATER-AREAS#
42-(14/10/24)#	A629#	A650#	Queensbury-Route-2-(Gt-Horton/Buttershaw/Wibsey)#
43-(21/10/24)#	A629#	A650 + A651#	Queensbury-Route-2-(Gt-Horton/Buttershaw/Wibsey)#
44-(28/10/24)#	A6033#	A6177#	Queensbury-Route-3-(Allerton/Sandy-Lane/Clayton)#
45-(04/11/24)#	C121 + B6160#	A6177#	Queensbury-Route-3-(Allerton/Sandy-Lane/Clayton)#
46-(11/11/24)#	B6429#	A6177#	Catch-Up#
47-(18/11/24)#	C504#	A6177#	Wakefield-Road-Route-1-(Woodside/Wibsey/Parkside/Canterbury)#
48-(25/11/24)#	C200#	B6381#	Wakefield-Road-Route-1-(Woodside/Wibsey/Parkside/Canterbury)#
49-(02/12/24)#	C511#	C583#	Catch-Up#
50-(09/12/24)#	C517#	C585#	Catch-Up#
51-(16/12/24)#	C111 + C83#	C512 + C584#	Catch-Up#
52-(23/12/24)#	Catch-Up#	Catch-Up#	Catch-Up#

Smaller-jetting-wagon-to-pick-up-customer-complaints,-busy-junctions,-weeks-of-action-when-resources-available

The-above-schedule-will-be-under-constant-review-and-is-subject-to-change-due-to-unforeseen-maintenance-issues,-manpower,-or-flood-warnings.



Parked vehicles blocking access



Caught in the act



Concrete into gullies



Oil from local business

21% of Brits still
flush wet wipes
down their toilets



Location

Outside number 79

External Ref

cm

Grid Ref.

Description

Customer states that number 79 Killinghall Road are pouring toilet water down the gully outside the property and it really stinks. States that they questioned them about this and they advised the customer that they are sorting it, however, they have walked passed again today and they now have a pipe coming from the property into the rainwater gully, and the smell is still really bad. Customer has asked if this could be looked at ASAP. Thanks



Kamran Hussain

2 Jun · 🌐



Day of Action in Toller today with the gullies team, street cleaning team, wardens and Police. It was great to see many residents come out and help.

Councillor Kamran Hussain
Councillor Arshad Hussain
Councillor Fozia Shaheen



Arshad Mahmood

Admin · 23 Jun · 🌐



Big thank you to Heaton Ward Cllrs [Mohammed Amran Cllr Ibrar Hussain](#) and [Cllr Nussrat Mohammed](#) for organising the Gully clean in Frizinghall today. We were well supported by the Gully Team, Cleaning Team, Mechanical Sweeper local NPT and local volunteers.

We cleaned some challenging gullies but everybody was very positive and moved cars to allow access.

Please contact Bradford West Area Co-ordinators office 01274 432597 for further information and support.





Unlock Drainage Insight

Understand drainage usage and condition with our gully, pipeline or CCTV surveys. Manage ongoing maintenance through our fast, intuitive and data-rich software, or collaborate with us for ideas, advice and smarter ways to keep your network flood free.

[Find Out More](#)



No more gully cleansing headaches

Gully Tech enables Drainage Asset owners to optimise their budget through smarter cleansing schedules.

Our sensor technology collects live gully data to identify priority locations and build smarter cleansing profiles without needing site inspections.

The impact of this low-cost solution is a reduction in the average annual cleansing cost per gully, optimized cleansing routines and annual budgets you can trust.

[Register](#)

Joanne Dodds  @CllrJoanneDodds 13:12 | 3 Jun 2021

Learning about gulley cleaning & seeing 1st hand the effect of careless unbelievable actions, residents need 2 b aware of the damage they are doing when pouring oil, cement & other rubbish down the gulley, it needs to stop, respect the environment @bradfordmdc <https://t.co/6m6aTY6UFI>

 RETWEET

