DWMP Drainage Community Summary Seaton Carew NORTHUMBRIAN WATER living water **Seaton Carew**



Properties at Risk of Flooding Internally



2045



Post Investment



Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters





Manholes at Risk of Pollution



Number of spills to the Environment

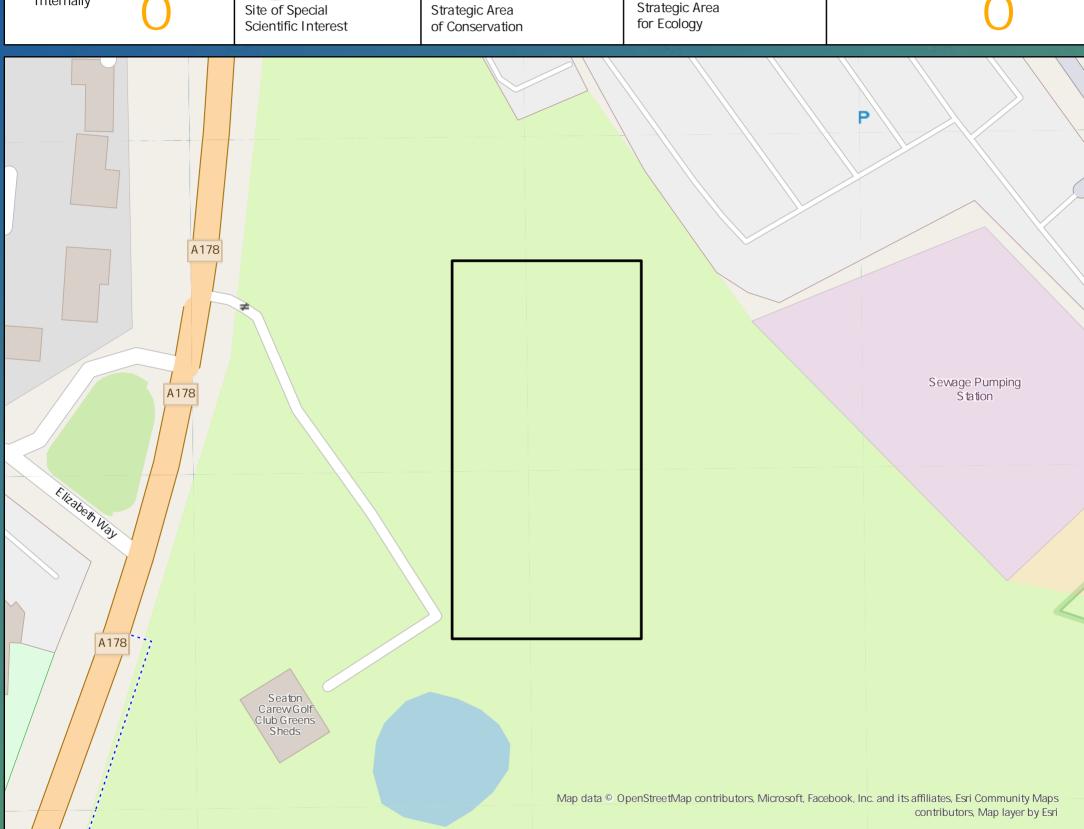


2020

Post

Investment





3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_01 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.





Benefit

Cost

ORTHUMBRIAN ATER living water







spilling to Rivers



Storm overflows spilling to Bathing Waters



Manholes at Risk of Pollution



Number of spills to the Environment



2020

Investment





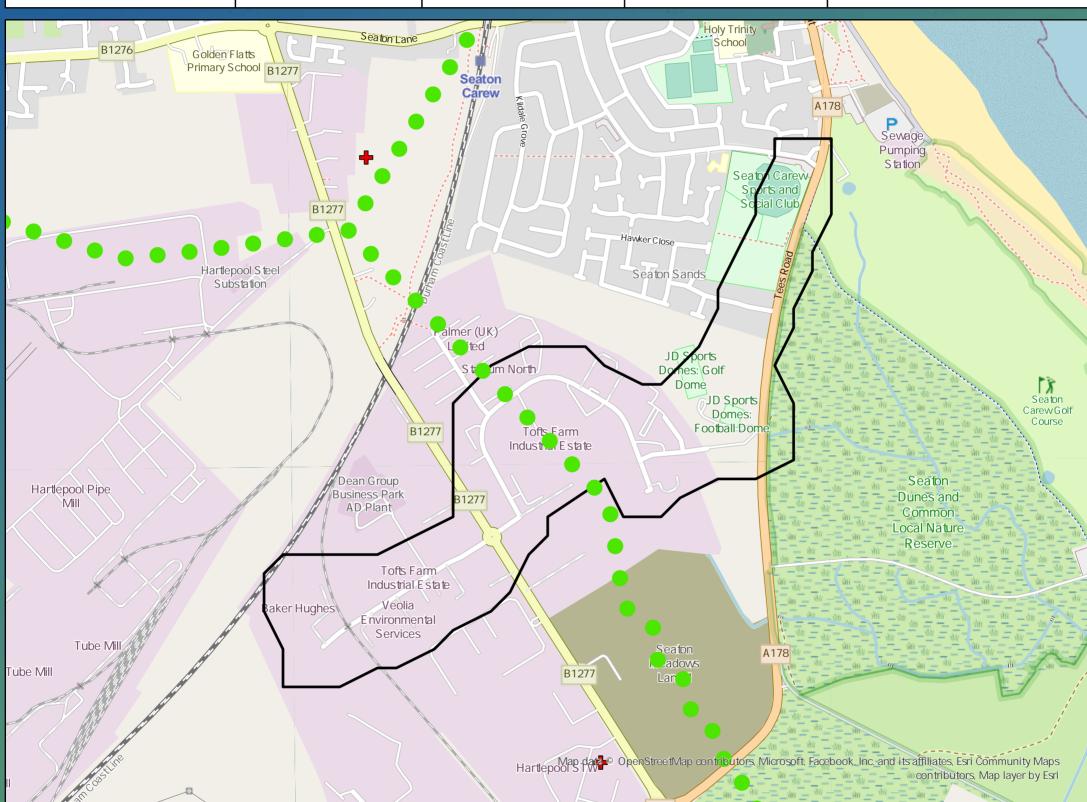
Scientific Interest



Strategic Area of Conservation



Strategic Area for Ecology



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal Drainage Communities

This is drainage community reference DC_02 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£780,000



£80,000

THUMBRIAN ER living water





Investment



Storm overflows spilling to Rivers

Site of Special



Storm overflows spilling to Bathing Waters

Strategic Area



Manholes at Risk of Pollution

Strategic Area



Number of spills to the Environment



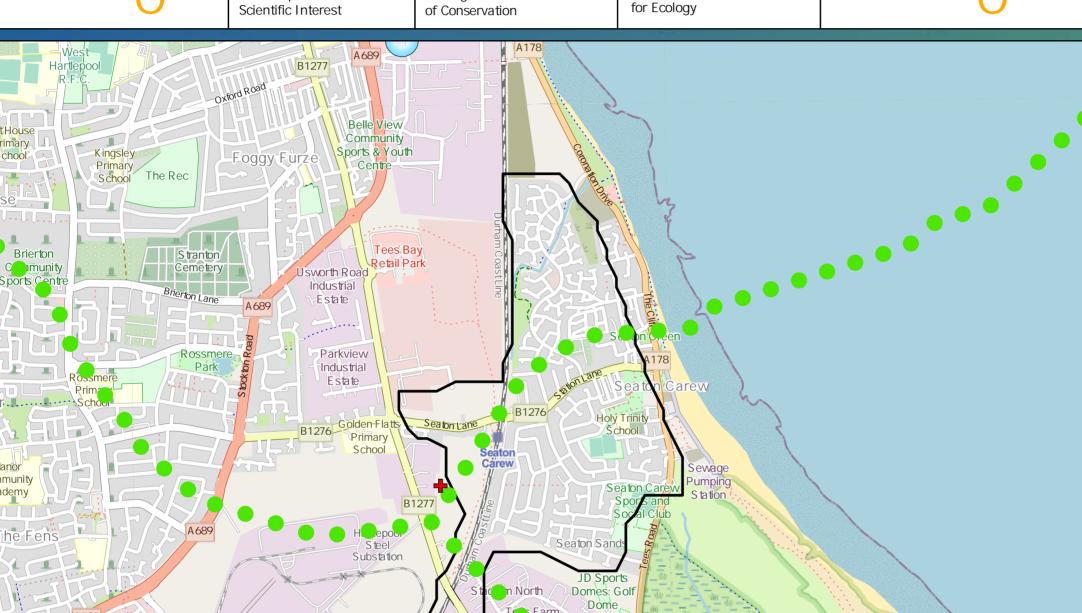
Post Investment

2020

2045







Greatham

3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Queens

Meadow

Business Park

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_03 which is within the Seaton Carew area.

The drainage community is classified as high priority based upon it containing a river water asset discharging to an environmentally sensitive area.

A178

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.

Industrial

B1277 Meadow.

Esta

B127

an Group

ark AD

Baker Hughes Estate



£1,460,000

Hartlepool

Pipe Mill

Tube Mill

Tube Mill



Seaton

Dunes and

Common Local Nature Reserve

Hartlepc Man data Open Street Map contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps

£1,150,000









Site of Special

Scientific Interest

Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters

Strategic Area

of Conservation



Manholes at Risk of Pollution

Strategic Area

for Ecology



Number of spills to the **Environment**



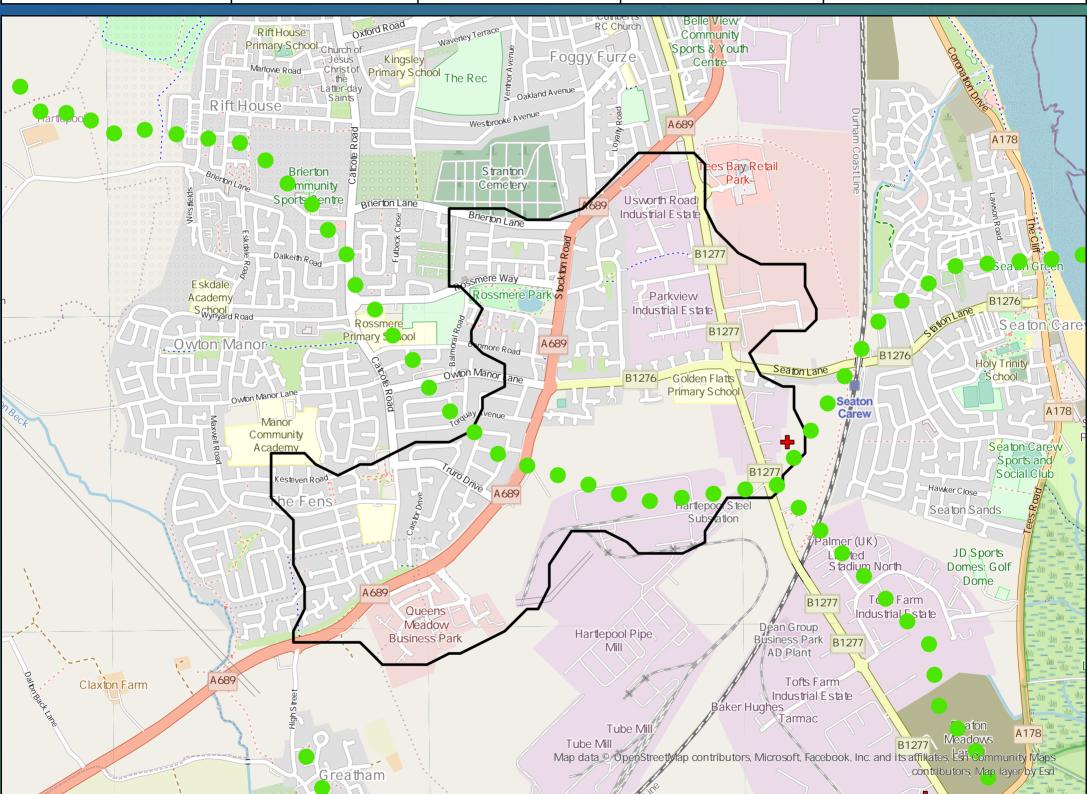
Investment

2020

2045







3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_04 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



Cost

£1,910,000



£1,010,000

DWMP Drainage Community Summary NORTHUMBRIAN WATER (iving water **Seaton Carew**



Properties at Risk of Flooding Internally



2045



Investment



spilling to Rivers

Waters



Storm overflows spilling to Bathing



Manholes at Risk of Pollution

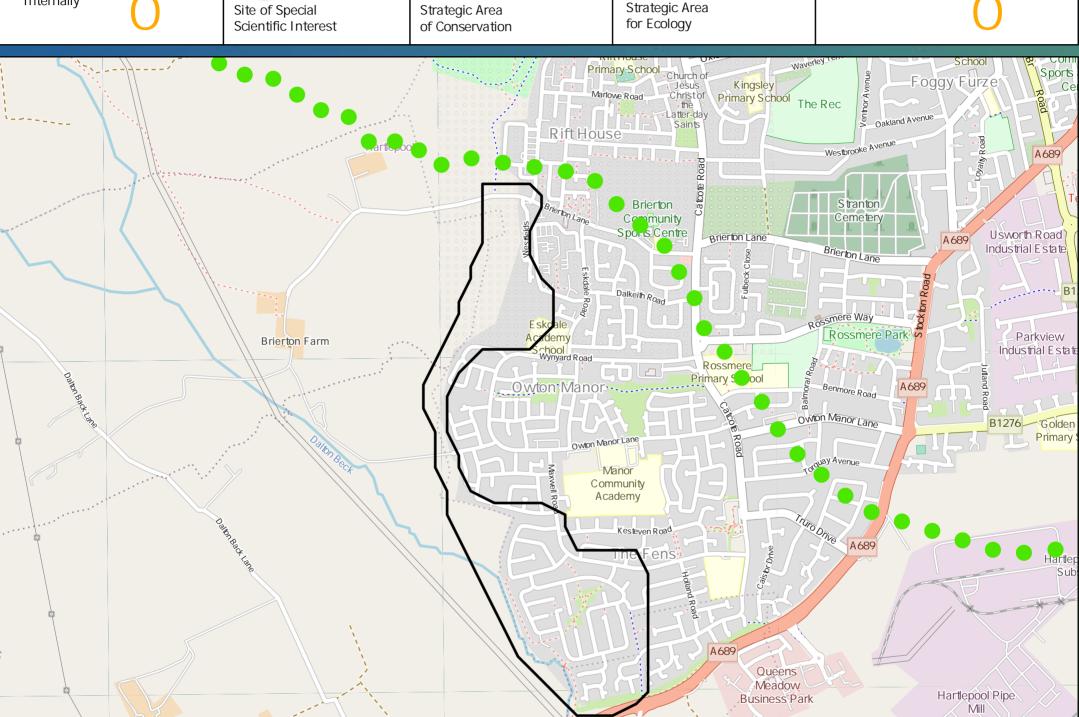


Number of spills to the **Environment**



2045

Investment



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Claxton House Farm

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_05 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.

A 689



£790,000



£260,000

Map data',© OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Colimbia Maps

RTHUMBRIAN TER living water



Properties at Risk of Flooding Internally







Storm overflows spilling to Rivers



spilling to Bathing Waters





Manholes at Risk of Pollution



Number of spills to the **Environment** 2020

Investment



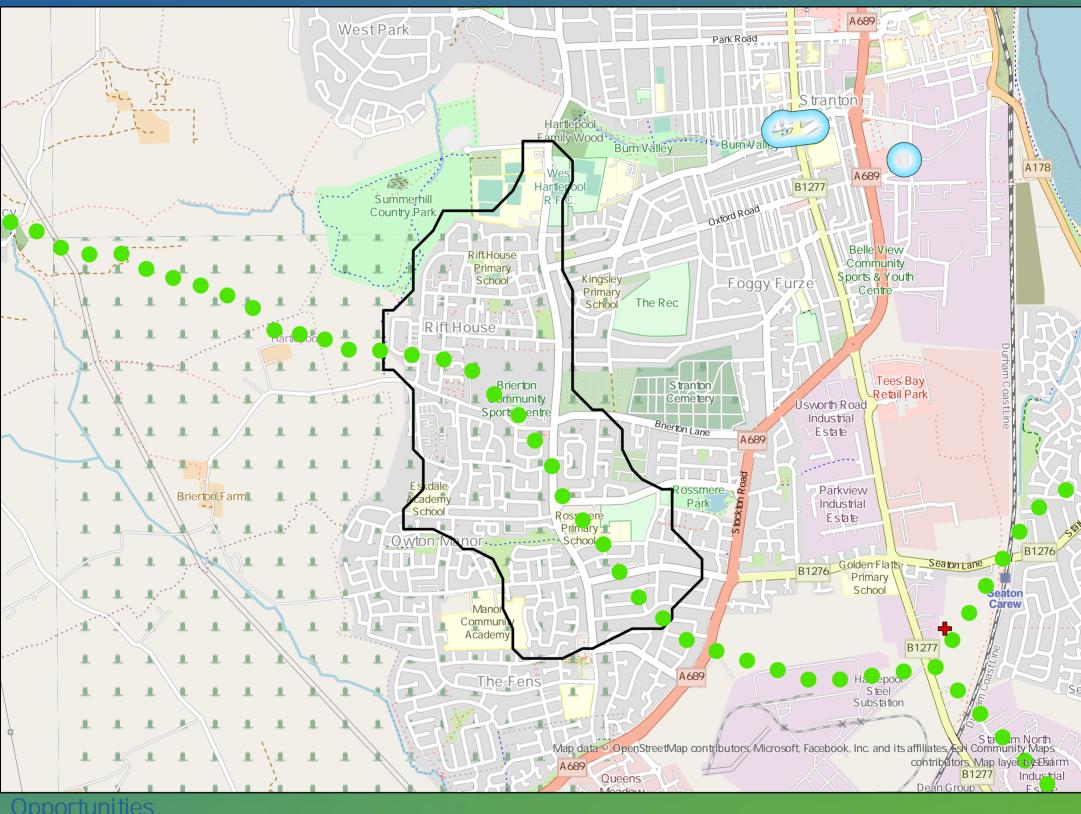


Scientific Interest



Strategic Area of Conservation





3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_06 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£2,680,000



£3, 230, 000

NORTHUMBRIAN WATER living water



Properties at Risk of Flooding Internally



2045



Post Investment



No

Site of Special Scientific Interest



Storm overflows spilling to Bathing Waters

Strategic Area



Manholes at Risk of Pollution

Strategic Area



Number of spills to the Environment

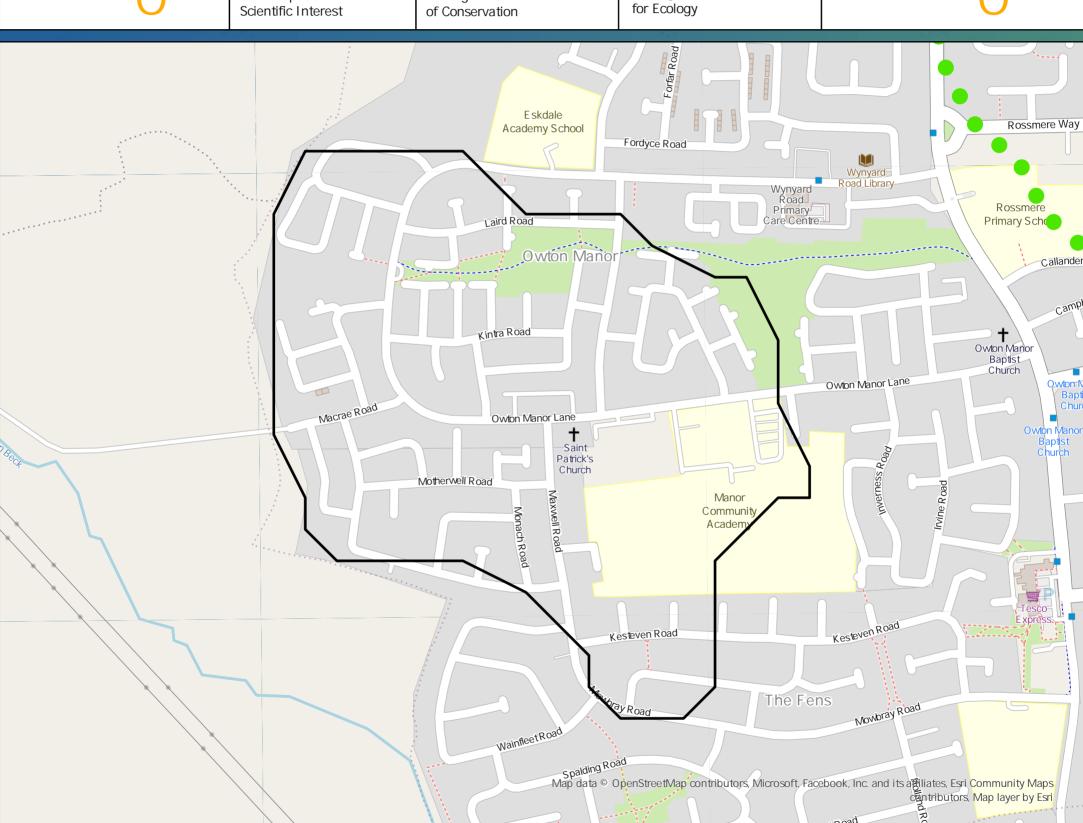


Post Investment

2020

2045





Opportunities

3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_07 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£850,000



£80,000

DWMP Drainage Community Summary NORTHUMBRIAN WATER (iving water **Seaton Carew**



Properties at Risk of Flooding Internally

2020



Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters



Manholes at Risk of Pollution



Number of spills to the Environment 2020

Investment





Site of Special Scientific Interest

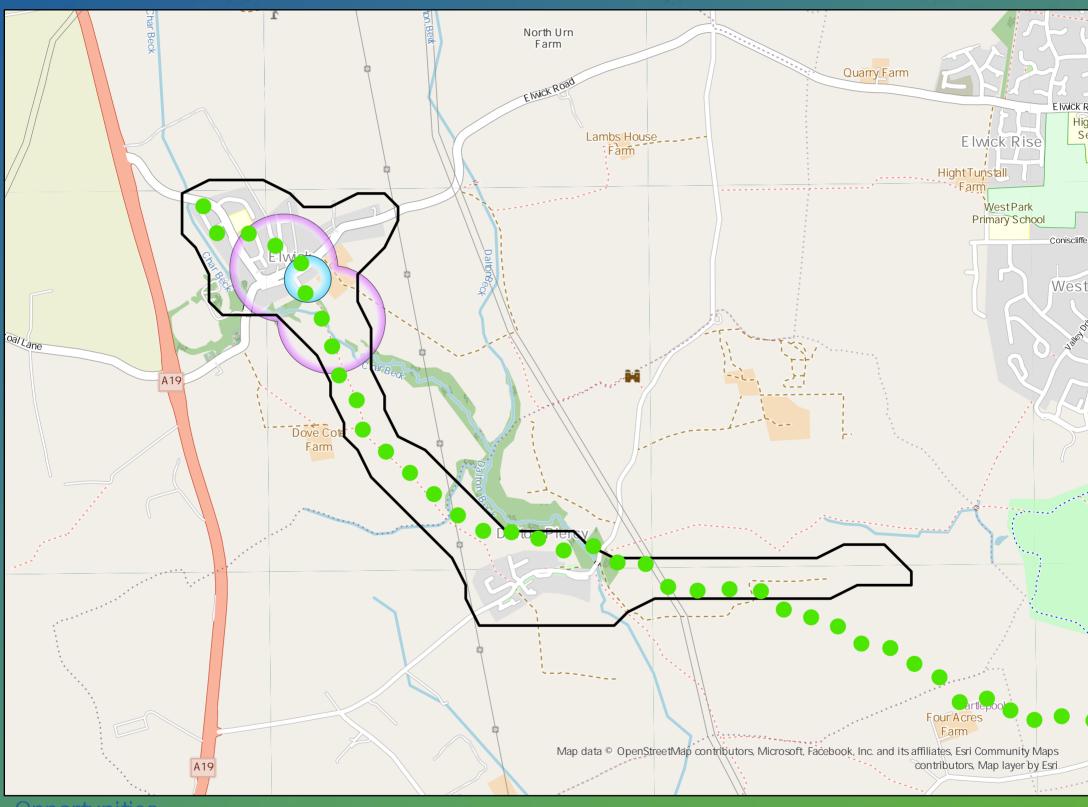


Strategic Area of Conservation





for Ecology Quarry Farm Elwick Rise Hight Tunstall WestPark Primary School



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_08 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£1,560,000



£7,850,000





Properties at Risk of Flooding Internally



2045

Investment





Storm overflows spilling to Rivers



Site of Special Scientific Interest



Storm overflows spilling to Bathing



Strategic Area of Conservation





Strategic Area







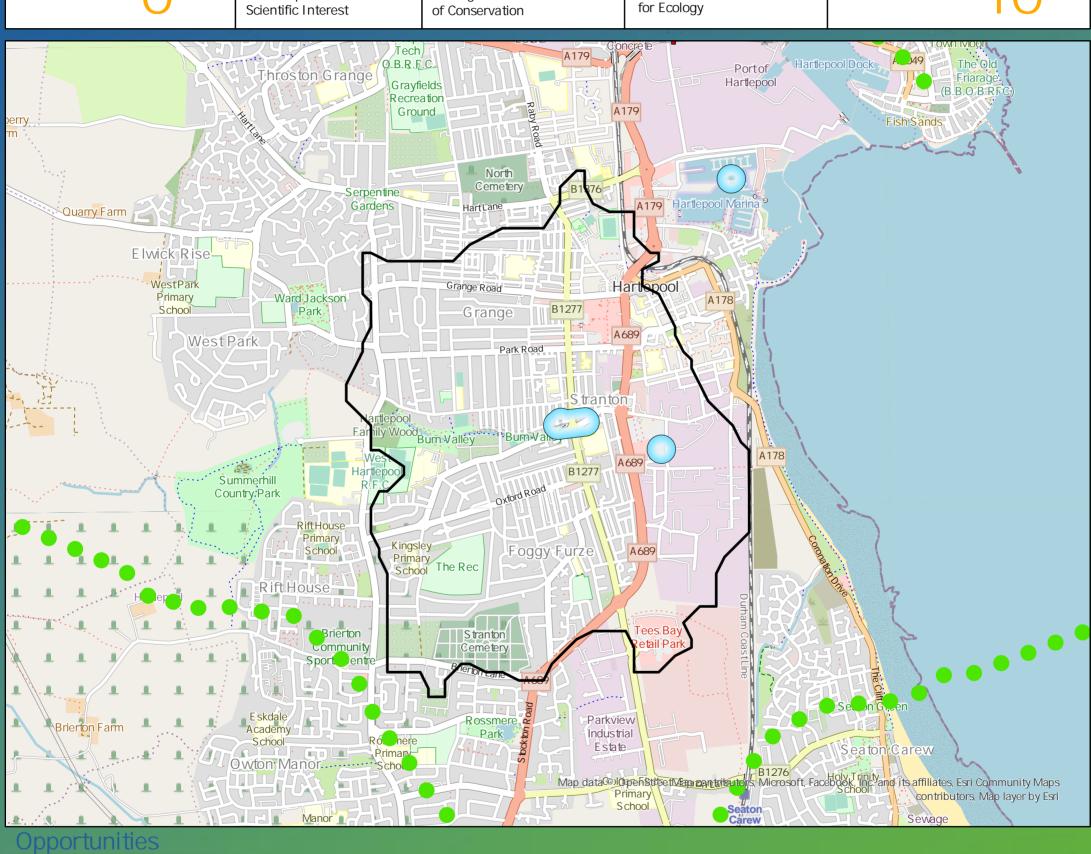




Number of spills to the **Environment**



Investment



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal Drainage Communities

This is drainage community reference DC_09 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£24,620,000



£24,780,000





Risk of Flooding Internally 2020

Investment

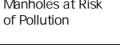


Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters







Number of spills to the **Environment**

2020

Investment

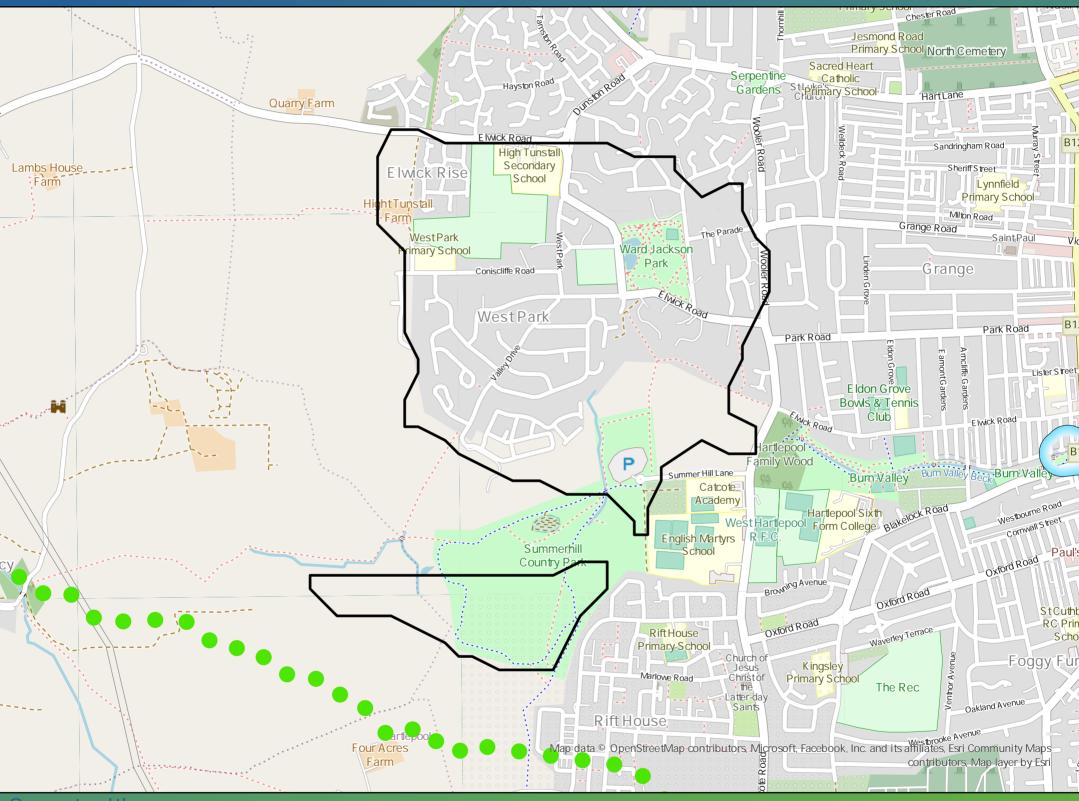


Site of Special Scientific Interest



Strategic Area of Conservation





3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal Drainage Communities

This is drainage community reference DC_10 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£2,910,000



£1,210,000





2020

Investment



Storm overflows spilling to Rivers



spilling to Bathing Waters



Manholes at Risk of Pollution



Number of spills to the Environment 2020

Investment





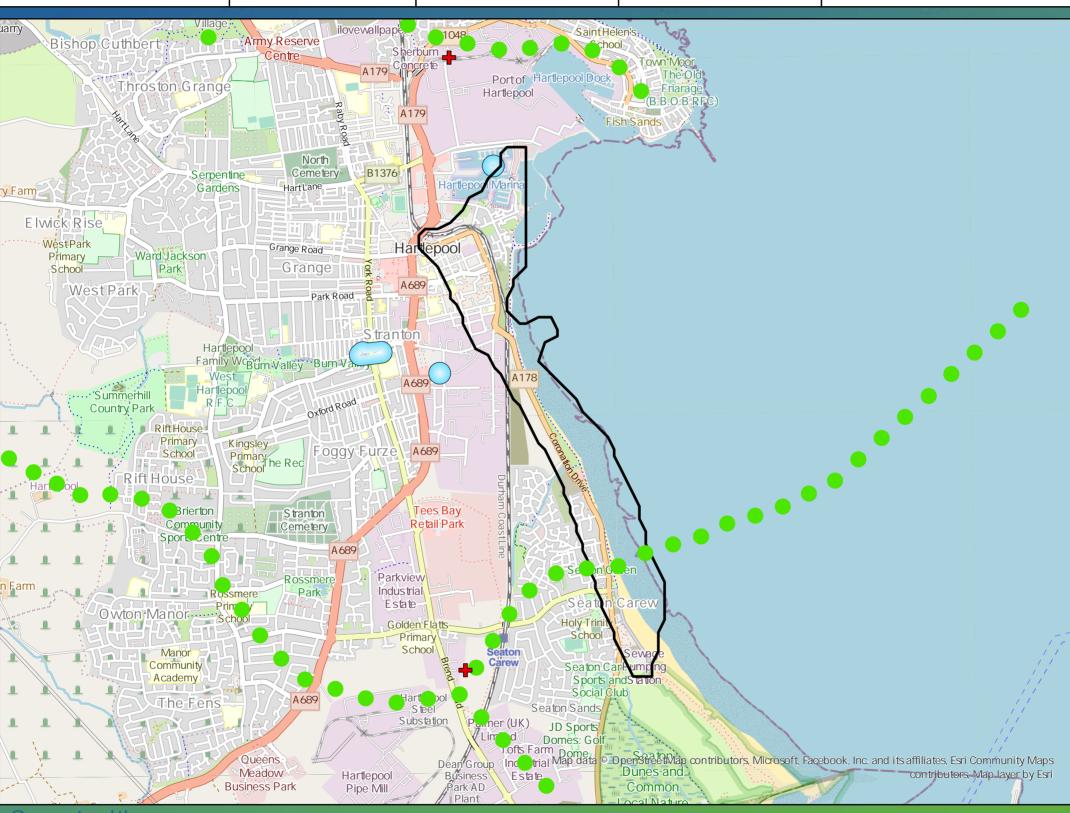
Site of Special Scientific Interest



Strategic Area of Conservation



for Ecology



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal Drainage Communities

This is drainage community reference DC_11 which is within the Seaton Carew area.

The drainage community is classified as high priority based upon it containing a river water asset discharging to an environmentally sensitive area.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£9,300,000



£72,320,000

NORTHUMBRIAN, WATER living water



Properties at Risk of Flooding Internally



2045



Post Investment



Site of Special Scientific Interest

Storm overflows

spilling to Rivers



Storm overflows spilling to Bathing Waters

Strategic Area







of Pollution

Strategic Area

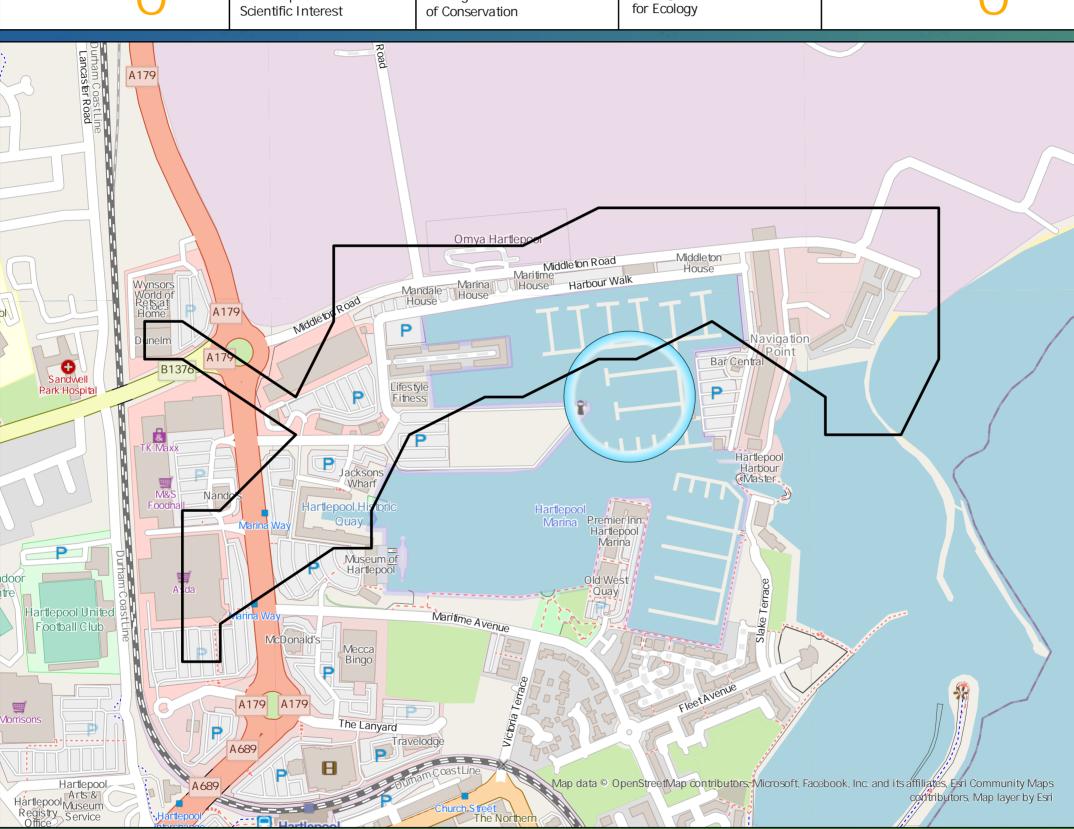


Number of spills to the **Environment**



2045

Post Investment



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_12 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.





Benefit

Cost





2020



Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters



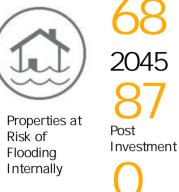
Manholes at Risk of Pollution



Number of spills to the Environment



Investment





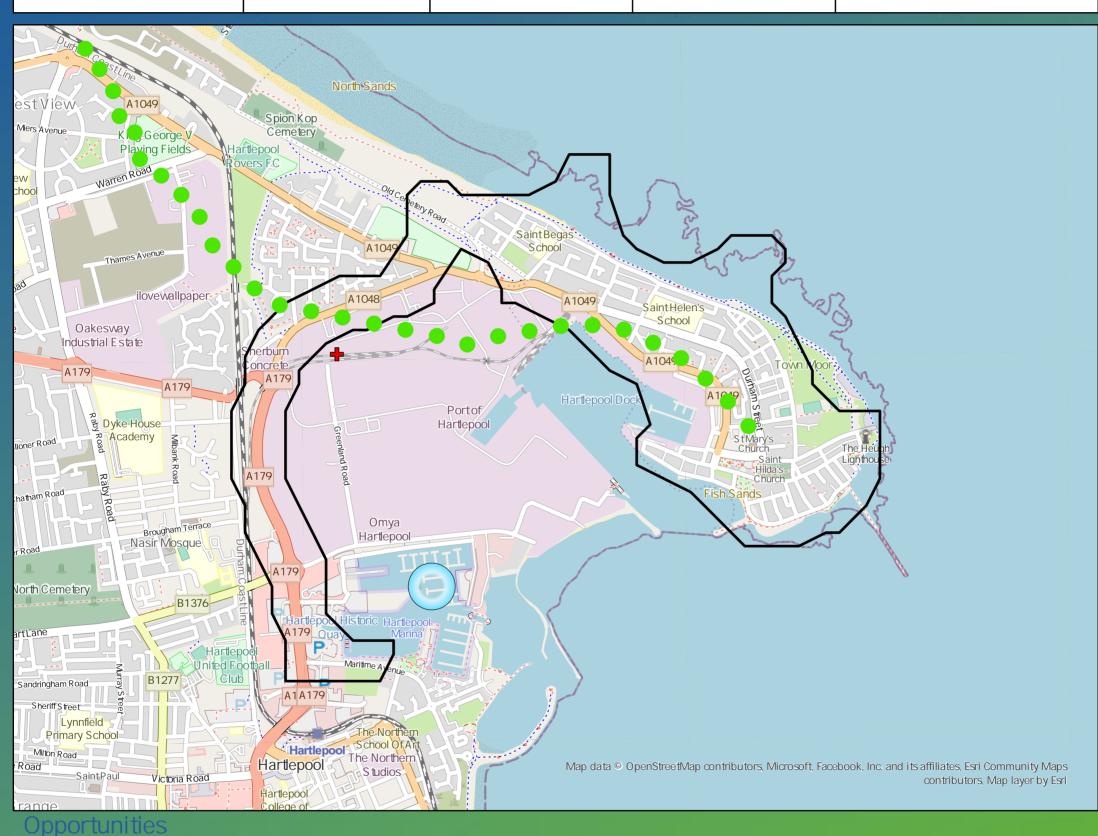
Site of Special Scientific Interest



Strategic Area of Conservation



Strategic Area for Ecology



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal Drainage Communities

This is drainage community reference DC_13 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£3,510,000



£5,800,000





Properties at Risk of Flooding Internally





Post Investment



Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters



Manholes at Risk of Pollution



Number of spills to the **Environment**



2045

Investment



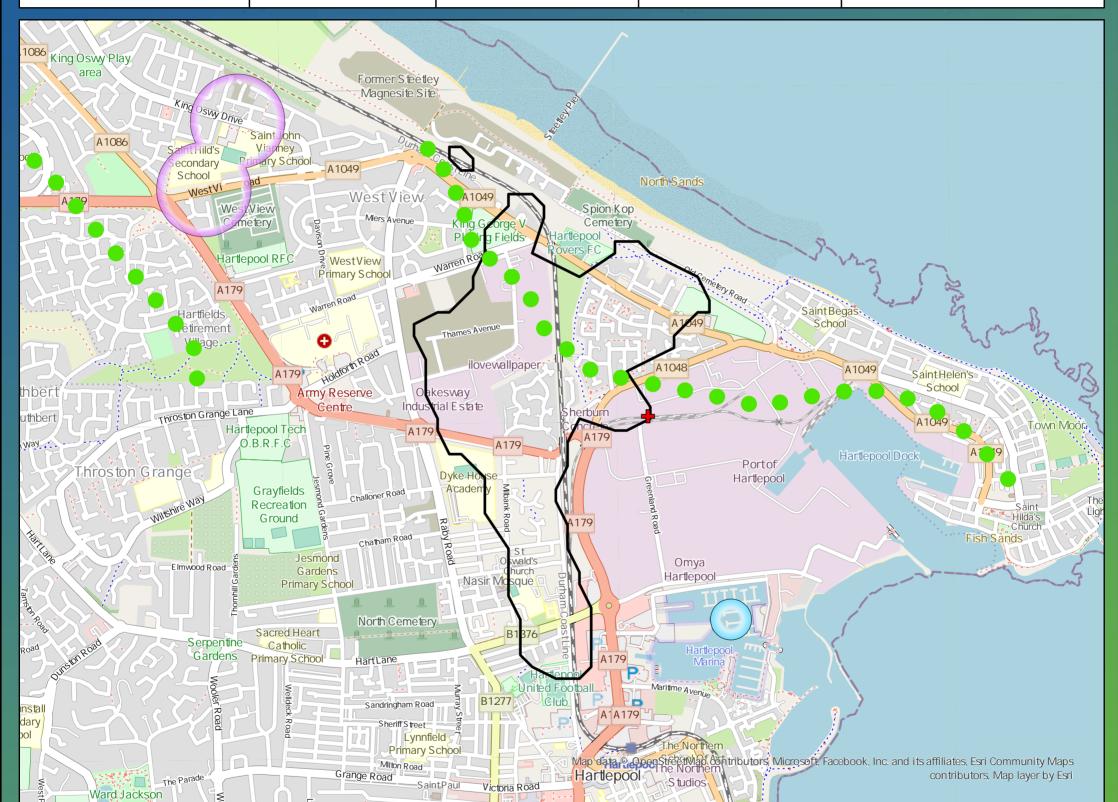
Site of Special Scientific Interest



Strategic Area of Conservation



for Ecology



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_14 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£3,320,000



£1,220,000









Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters



Manholes at Risk of Pollution



Number of spills to the Environment



Investment





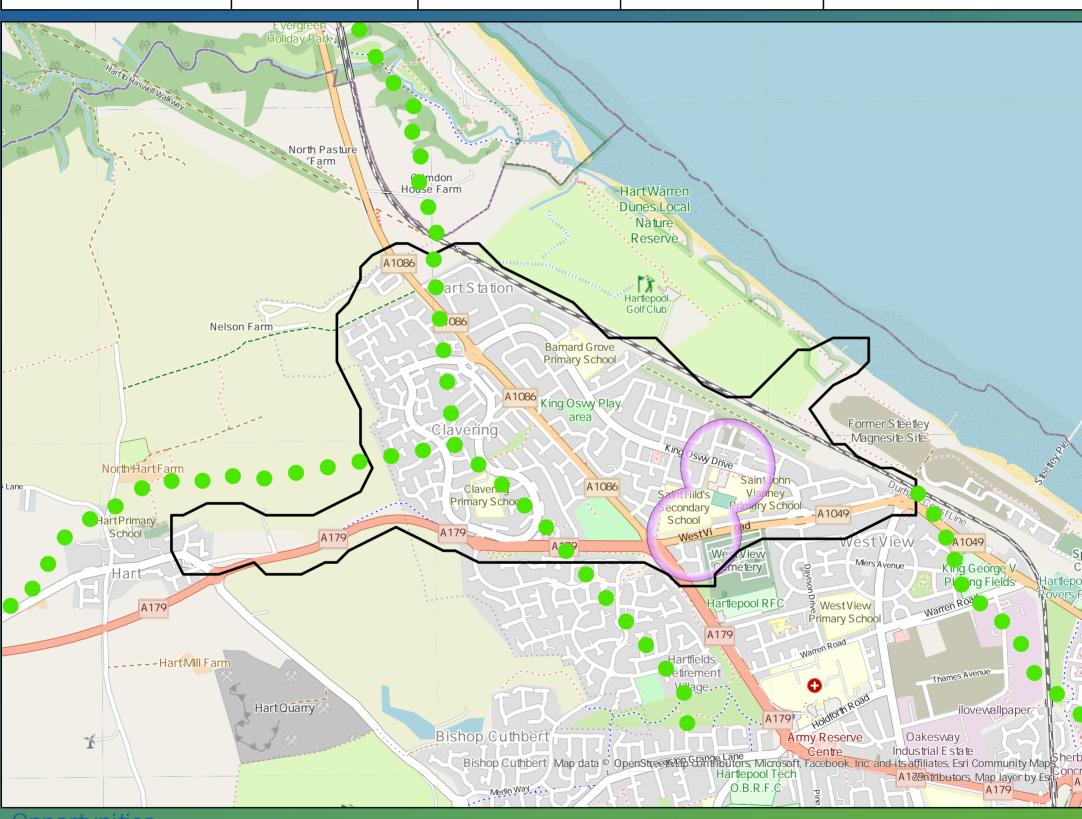
Site of Special Scientific Interest



Strategic Area of Conservation



for Ecology



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_15 which is within the Seaton Carew area.

The drainage community is classified as high priority based upon it containing a river water asset discharging to an environmentally sensitive area.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£4,820,000



£17,980,000

NORTHUMBRIAN, WATER living water



Properties at Risk of Flooding Internally



2045



Investment



Site of Special Scientific Interest



Storm overflows spilling to Bathing Waters

Strategic Area







Manholes at Risk of Pollution

Strategic Area



Number of spills to the Environment

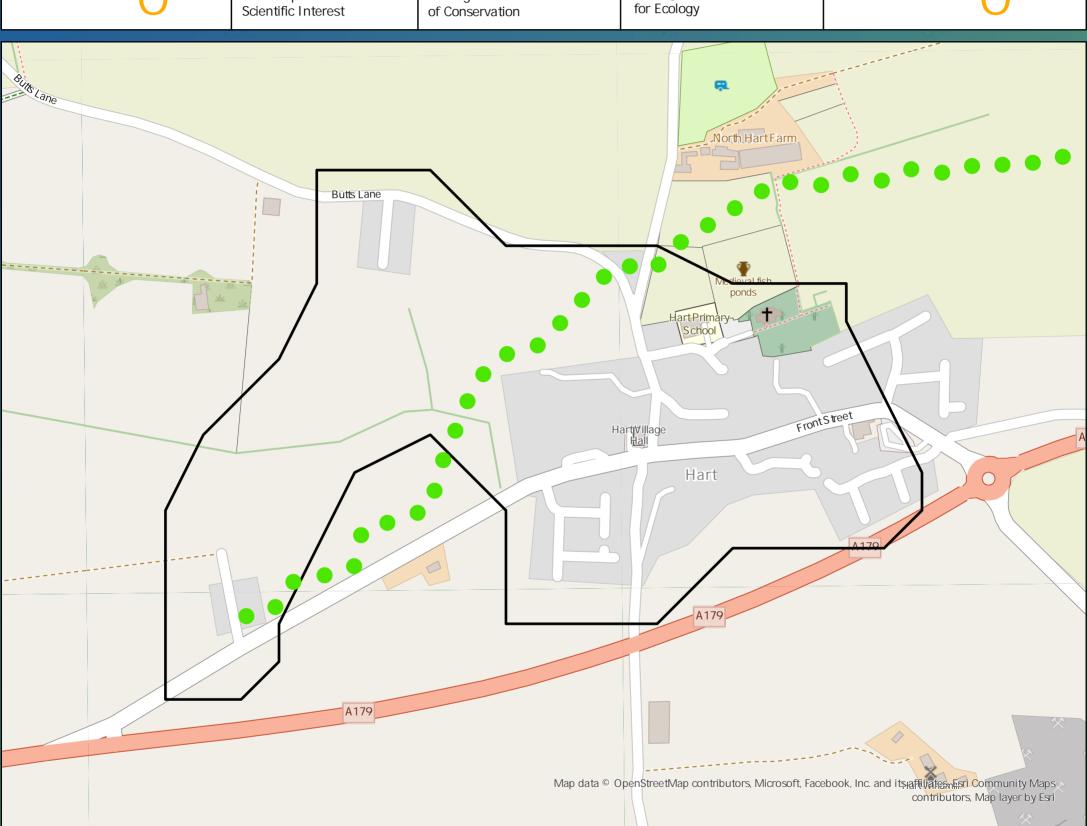


Post Investment

2020

2045





3rd Party Stakeholder



Storm Overflow Programme



Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_16 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that storage at the storm overflow(s) and storage in the catchment is created to manage and improve spill and flooding performance.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£1,370,000



£100,000

NORTHUMBRIAN WATER living water



Properties at Risk of Flooding Internally



2045



Investment





spilling to Rivers













Number of spills to the Environment



Investment



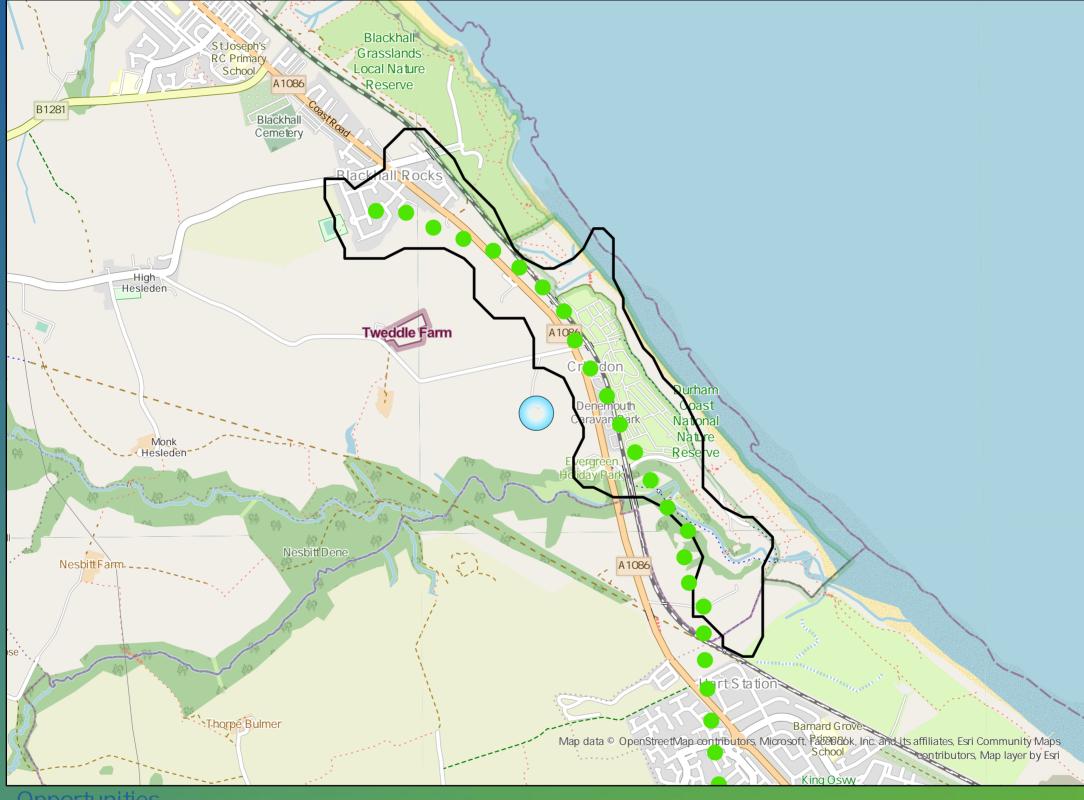




Strategic Area of Conservation







3rd Party Stakeholder



Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal Drainage Communities

This is drainage community reference DC_17 which is within the Seaton Carew area.

The drainage community is classified as high priority based upon it containing a river water asset discharging to an environmentally sensitive area.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£880,000



£17,650,000

THUMBRIAN ER living water



2020



Storm overflows spilling to Rivers



Storm overflows spilling to Bathing Waters





Manholes at Risk of Pollution



Number of spills to the Environment



Investment

2020





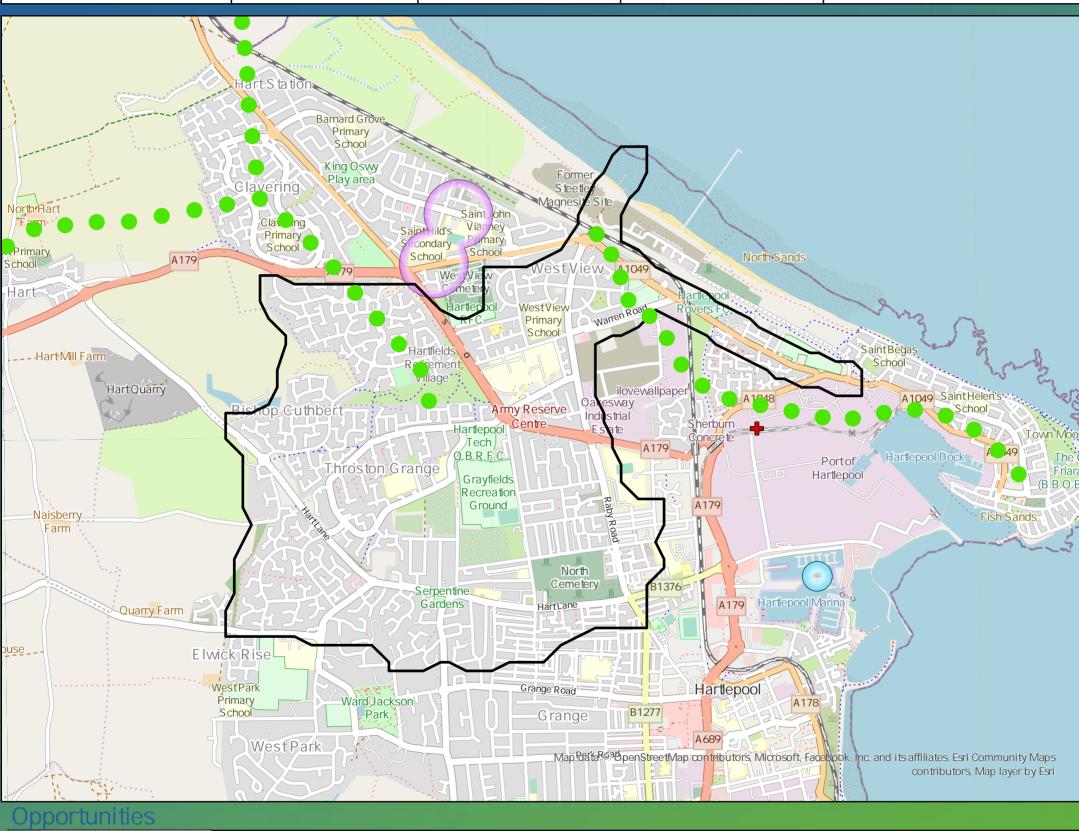
Site of Special Scientific Interest



Strategic Area of Conservation



Strategic Area for Ecology



3rd Party Stakeholder

WINEP Programme

Storm Overflow Programme

Blue Green Corridor

Storm Overflow Removal

Drainage Communities

This is drainage community reference DC_18 which is within the Seaton Carew area.

The drainage community is classified as low priority based upon it containing a river water asset discharging to an area without environmental concerns.

The DWMP recommends that no investment is required due to the performance of the storm overflow and level of internal property flood risk in the catchment. The catchment will be monitored for future change.

The application of growth in the catchment has shown that no investment is required at the sewage treatment works.



£4,130,000



£4,510,000