



Folkestone & Hythe community engagement meeting

February 2026

Agenda

- Introductions
- Actions review
- Littlestone update
- APEM Sampling Programme
- Engagement
- Investigations – What has changed since the last meeting in August

Actions review

	Action log	Owner	Required by	Comments
1	Check if Hythe overflow events are linked to high results	AS/SR	Completed	
2	Provide more detail on the spill model (spill length and wind direction)	AS	Complete	
3	Confirm position, cost, and timing for UV at New Romney	PCN	Ongoing	

Action 1: Impact of Hythe Overflows of Bathing Water Samples 1



- Analysis was carried on all bathing water samples collected between 2021 and the end of 2025 at all designated sample sites in the Folkestone and Hythe area. A total of 570 samples.
- The E.coli and intestinal enterococci concentrations of the samples were correlated with number of days which had passed since overflows had operated at Range Road Long Sea Outfall and Range Road Short Sea Outfall.
- If overflows were to be impacting on sample concentrations, then a negative correlation would be expected between the number of days which have elapsed between the overflow operation and sample collection.
- The results of these analyses are presented overleaf.

Action 1: Impact of Hythe Overflows of Bathing Water Samples 2



Range Road LSO			
Bathing Water	Correlation Coefficient		Strength or weakness of association
	IE	EC	
Dymchurch	-0.114	-0.128	Very weak or no association
Folkestone	-0.114	-0.128	Very weak or no association
Hythe	-0.074	-0.084	Very weak or no association
Littlestone	-0.074	-0.084	Very weak or no association
Sandgate	-0.074	-0.084	Very weak or no association
St Mary's Bay (Kent)	-0.113	-0.126	Very weak or no association

Range Road SSO			
Bathing Water	Correlation Coefficient		Strength or weakness of association
	IE	EC	
Dymchurch	-0.161	-0.182	Very weak or no association
Folkestone	-0.161	-0.182	Very weak or no association
Hythe	-0.192	-0.192	Very weak or no association
Littlestone	-0.192	-0.192	Very weak or no association
Sandgate	-0.192	-0.192	Very weak or no association
St Mary's Bay (Kent)	-0.161	-0.182	Very weak or no association

- These results indicate in all cases "Very weak or no association".
- A guide to interpreting correlation coefficients is provided below.

Positive correlation coeff.	Negative correlation coeff.	Strength or weakness of association between variables
+1.0 to +0.8	-1.0 to -0.8	Perfect or very strong association
+0.8 to +0.6	-0.8 to -0.6	Strong association
+0.6 to +0.4	-0.6 to -0.4	Moderate association
+0.4 to +0.2	-0.4 to -0.2	Weak association
+0.2 to 0.0	-0.2 to 0.0	Very weak or no association

Provide more detail on the spill model (spill length and wind direction) Action 2



- Spill durations modelled: **1, 3, 12 and 25 hours**
- Tidal states included: **HW Neap, HW Spring, LW Neap, LW Spring**
- Creates **12 tidal scenarios per outfall** → around **2,000 models** in Rivers & Seas Watch
- **25-hour spills** and **onshore wind conditions** are included in Rivers & Seas Watch
- Published documentation is slightly out of date and will be updated when **real-time tidal modelling** goes live later this year.

Confirm position, cost, and timing for UV at New Romney Action 3



- **Where We Are Now**
- Trojan has assessed the site and given us **three design options** for a new UV system.
- A new system means moving to a **new UV permit** based on validation dosing.
- The permit level will be set after **long-term sampling** of bacteria levels and how well the UV kills them.
- Once the sampling and calculations are done, we'll know **what the new permit limits will be**.
- **Timeframe**
- The aim is to have the new system **installed within the next 3 years**.
- This target has been repeated on several calls and is our working expectation.
- **Cost**
- New UV system: **around £7 million**
- With civil works included: **around £8.5 million** (could increase depending on final design).

Littlestone Focus



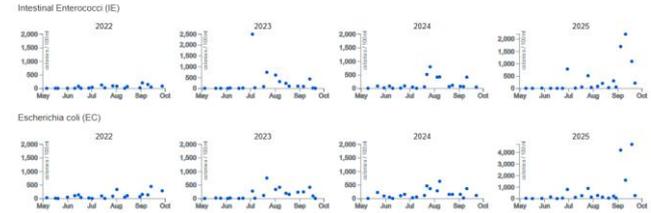
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Background

- Littlestone-on-Sea is a resort beach in the middle of a 20 kilometre (km) stretch of beach in Hythe Bay, Kent. Hythe Bay stretches from Folkestone down to the headland of Dungeness.
- EA classifications has decline in bathing water from 'Good' status in 2022 to 'Poor' in 2023, 2024, 2025
- Littlestone continued to see elevated samples in 2025 where other 'Poor' areas have improved
- Headroom to improve to Sufficient is -150%
- All high samples were detected during a South to North tidal conditions
- There is a weak-positive relationship with rainfall and high samples,
- There were no overflow events in association with high samples

Water quality sample results

See the [hubs page](#) for additional information on interpreting these charts



Littlestone: There have been 10 x elevated results this season,

Sample Date/Time	Results (cfu/100m l)	Spill impact (within 3 days prior)	Rainfall recorded at Denge Beach (within 5 days prior) mm	Tidal direction from	PRF in place?	Open WIMs
29/06/2025 13:41	790 IE 800 EC	No spill	1.2 mm	South-West	No	15 beach users, 20 birds, 1 algal bloom
17/07/2025 14:52	64 IE 260 EC	No spill	0 mm	South/slack	No	0 beach users, 100 birds, 1 algal bloom
25/07/2025 11:43	520 IE 890 EC	No spill	27.6 mm	South	No	1 Beach user, 100 birds seabird/copy number 4.8
06/08/2025 11:07	90 IE 280 EC	No spill	0 mm	South-West	No	20 birds, 12 beach users
12/08/2025 13:47	210 IE 140 EC	No spill	0.2 mm	South	No	15 birds, 20 beach users
26/08/2025 13:32	310 IE 220 EC	No spill	0 mm	South	Yes	30 birds, 5 beach users
04/09/2025 10:19	1700 IE 4200 EC	No spill	36 mm	South	Yes	30 birds, 1 beach user
10/09/2025 13:13	2200 IE 1600 EC	No spill	0.8 mm	South-West	Yes	30 birds, 0 beach users
18/09/2025 10:05	1100 IE 4700 EC	No spill	32.8 mm	South-West	Yes	40 birds, 8 beach users
22/09/2025 12:00	220 IE 270 EC	No spill	4.2 mm	South-West	Yes	30 birds, 0 beach users

Unconnected properties

- Four properties with defective Cess pits connected to mains drainage
- Ongoing efforts to resolve 3 outstanding properties on Coast Drive and Mehan road unsuccessful despite regular visits by SWS, FHDC & EA
- Had a joint meet with EA / LA and SW to visit properties

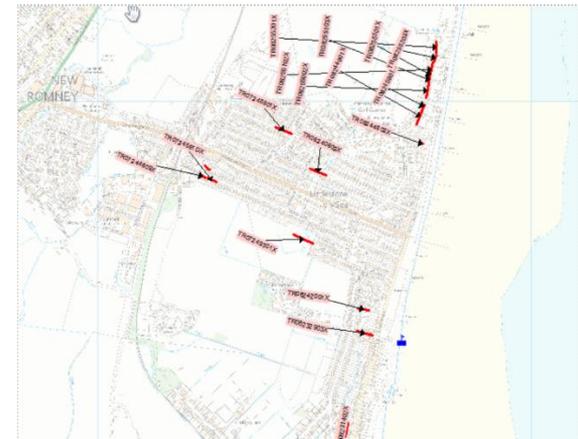
What's next?

- 400 unconnected properties identified in Greatstone
- 49 properties are high risk due to location. The Parade will be our primary focus
- Infrastructure is in place to connect more properties
- Door knock completed 21/01 FHDC and found not many people home
- FHDC will work to identify second homes and arrange a letter drop

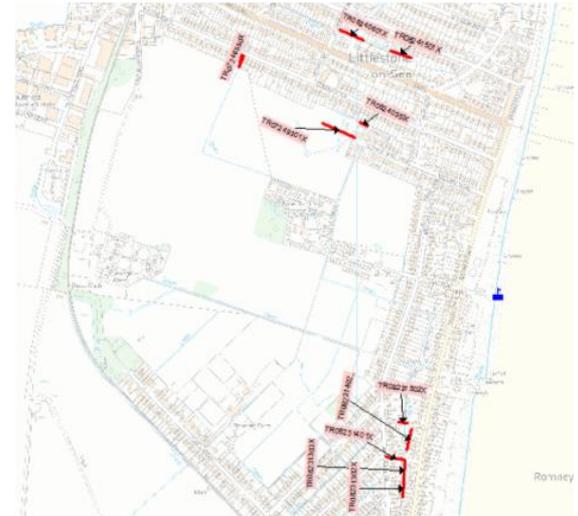


Sewer investigations and rehab plan

- Analysis of existing CCTV was carried out identified a number of issues. It is not clear whether these issues have been addressed. These areas will be re-surveyed
- Proposed additional CCTV planned to investigate high-risk sewers that could impact bathing water quality.
- A list of all locations has been shared with Cappagh Browne and a quote is imminent.
- Instructions given to start at the earliest opportunity
- A zero-tolerance approach will be adopted, ensuring all issues are fixed to an optimal level to negate future repeat issues



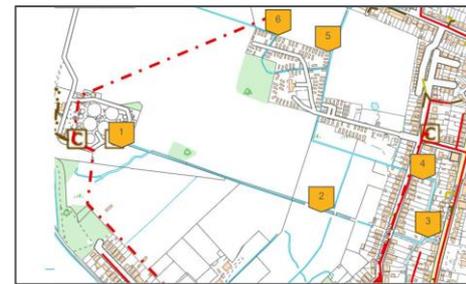
Existing CCTV – potential issues



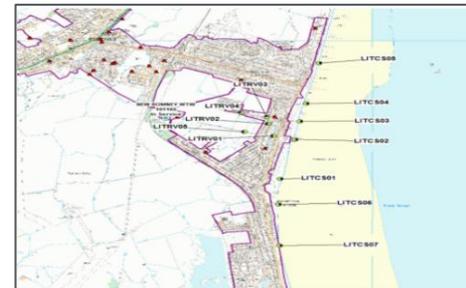
Proposed additional CCTV

Illegal Connections

- Initial AMP 7 improvement plan completed 2023 Included dye testing from WWTW / walkover/ lift and look/ Caging
- Cess pits inspections carried out and to be continued
- Currently checking water courses that feed into EA Sampling point, and surrounding watercourses
- New Improvement plan to commence Feb 26 and will replicate the AMP7 improvement plan
- Ongoing monitoring throughout the bathing season
- Collaborate with external stakeholders and conduct regular site visits
- Work with the wider business for opportunities to share local knowledge support with improvements



Location	sample_label	date	E. coli result(CFU/100l)
1	New Romney WWTW	18/09/2023	356
1	New romney works	13/01/2026	14
2	Rear of No.32 Meehan R/D L/Sto	18/09/2023	2870
2	Rear of 32 Meehan road	13/01/2026	25
3	EA Pumping Station L/S	18/09/2023	N/A
3	EA Pump station	13/01/2026	70
4	95 meehan road	22/10/2025	308
4	Next to 95 Meeham road	13/01/2026	44
5	No5	22/10/2025	3311
5	Far corner of caravan park	13/01/2026	12
6	No6	22/10/2025	482
6	Caravan park	13/01/2026	39



sample_label	date	E.coli result(CFU/100n)	calibration
LITCS06	05/11/2025	47525	E. Coli Sea Water 3
LITCS07	05/11/2025	20999	E. Coli Sea Water 3
LITCS03	05/11/2025	500	E. Coli Sea Water 3
LITRV05	05/11/2025	146	E. Coli/Total Coliform Fresh Water 1
Next to 58	05/11/2025	146	E. Coli/Total Coliform Fresh Water 1
LITRV04	05/11/2025	1564	E. Coli/Total Coliform Fresh Water 1

APEM Sampling Programme

Sampling Programme Design



Study Purpose

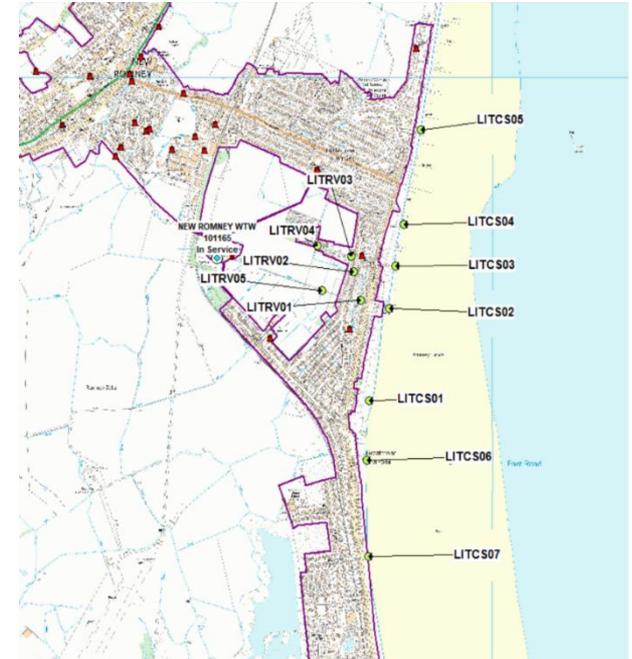
- Identify likely contamination sources and pathways
- Provide evidence to inform next-phase decisions
- Targeted, proportionate, and adaptable by design

Programme design

- Initial **10-day** intensive programme
- Designed to target and justify any follow-on sampling, including key bathing season periods
- Scalable based on findings, phase two is expected

Spatial coverage & Variation

- **12** locations in total (**7** coastal sites, **5** inland pathways)
- Spring and neap (**5** days each)
- Sediment cores at all coastal sites (**2 core** transect at LITCS01 & 06)



Analysis Framework and Evidence Logic

Each parameter is selected to identify sources, persistence and re-suspension of contamination across water and sediment



Interpretation accounts for tidal state (spring/neap) and wet/dry weather conditions

Parameter	Sample type	→ What it tells us
E. coli	Coastal & Inland water	Presence and strength of faecal contamination
Enterococci	Coastal & Inland water	Persistence and sewage-related influence
Salinity	Coastal & Inland water	Freshwater vs marine influence
Temperature	Coastal & Inland water	Conditions affecting bacterial persistence & freshwater influence in coastal waters
Ammonia	Inland water	Recent sewage or wastewater inputs
Total phosphorus	Inland water	Nutrient enrichment and source type
Turbidity	Inland water	Sediment mobilisation and re-suspension
Sediment FIB	Sediment cores (top, middle, bottom)	Stored or long-term contamination
Particle size distribution	Sediment cores (top, middle, bottom)	Likelihood of bacterial retention/release
Protozoa (eDNA)	Sediment cores (top, middle, bottom)	Biofilm and bacterial re-release potential



Beach sediment core example (image from usgs.gov)



Protozoa: *Vorticella*
(C.G. Ehrenberg illustration)

Outputs

- Interpreted water and sediment dataset
- Full report of findings and conclusions will be produced by experts at APEM
- Identification of likely contamination sources and pathways
- Evidence to inform our investigations and interventions

Engagement



What we're trying to do :

We want key groups in and around Littlestone to understand what's being done to look after the bathing water and to feel confident that progress is being made. The aim is to

- Inform of roles and responsibilities
- keep people informed of efforts in the local area
- Work together and tap into local knowledge
- Make it easier for the community to help keep the beach and water healthy.



Outcomes

- Clear, simple updates people can trust
- Joined-up messages across councils, EA, RNLI and community groups
- Visible progress on actions that support bathing water improvements
- Strong relationships that help the community stay involved

What's coming next

- Site visit took place to New Romne WTW with EA, FHDC, Internal Drainage Board on Friday 30th Jan
- Continued engagement with the Folkestone & Hythe technical group
- Decision around electronic PRF signage proposal expected in early Feb.
- Support RNLI school sessions in spring/summer Contributed £50k
- Prepare visitor information for Easter and summer



Who We're Speaking To

Sector	Group	Status	Timeline
Emergency Services	RNLI <u>Littlestone</u>	Risk low; complete	Jan → Ongoing
Hospitality	The Gallivant Hotel	Meeting to be arranged	Jan → Mar
Local Government	New Romney Parish Council	Meeting planned	Jan → Ongoing
Local Gov (Comms)	Folkestone & Hythe DC	Working together on comms	Jan → Ongoing
Community	F&H Bathing Water Community Group	Engagement planned	Feb → Ongoing
Transport	RH&DR Railway	Working on shared comms	Jan → Ongoing
Leisure & Tourism	New Romney Family Park	Actions agreed	Jan → Ongoing
Education	Local schools	RNLI outreach planned	Jan → Summer
Regulator	Environment Agency	Ongoing coordination	Jan → Ongoing
Technical Partners	EA & LA Technical Meetings	Regular sessions	Jan → Ongoing

Bathing Water investigations



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Investigation highlights

- **Dymchurch WTW improvements.** Continued monitoring of the performance ahead of improvements planned to start in 2026
- **Sewer rehab programme Folkestone.** Repairs completed on Hasborough Rd, Wear Bay Crescent, Sussex Road. Repair booked on Blackbull Road
- **CCTV investigations** are ongoing in Dymchurch, Review of surveys
- **Littlestone Deep dive complete,** site visits complete, comprehensive sampling programme in development and CCTV investigations due to commence
- Visit to **Coast Drive Wastewater Pumping Station (WPS)** and the vacuum system serving Greatstone
- **Greatstone unconnected property** site visit completed with Folkestone & Hythe officers. Discussions ongoing with EA and FHDC
- **Surface water monitoring Pilot.** Locations scoped to monitor surface water outfalls that discharge into the
- **Continued collaboration** with Folkestone & Hythe council and Environment Agency

Bathing water investigations Folkestone & Hythe



Dymchurch

- Sewer lining complete on domestic property, Lyndhurst Road
- 5 wrongly connected properties identified between 2020 and 2023
- Holiday Parks drainage checked
- Sediment sampling completed in the river
- Dymchurch WTW improvements
- 90 meters of sewer lining completed on Dymchurch High Street foul sewers
- CCTV surveys under review with scope to build repair plan where required

Littlestone

- Continued investigations to check cess pits and where possible, connect to mains drainage
- Working with Folkestone & Hythe council & EA to progress
- Coast Drive WPS & Vacuum system site visit to understand capacity to connect more properties
- Plans in development to focus attention on the ground investigations, Sampling of ditch network, Water stream of New Romney WTW and Victoria road development.

St Mary's Bay

Illegal Connections survey of the surface water catchment completed

- 5 wrongly connected properties identified between 2019 and 2023
- Rising main from Taylor's Lane WPS pressure tested to identify any leaks – none found
- APEM investigations – Catchment study completed (including sediment sample taken from the New Sewer)
- Sewer lining has taken place
- Ongoing monitoring of the New Sewer

Folkestone – Sunny Sands

- Illegal Connections team survey of the surface water catchment ongoing.
- 3 properties identified having household waste connected to the surface water system. All resolved
- Sewer rehabilitation has started. Repair complete in The Bayle, Fairway Avenue, Harbour Way, Hasborough Rd, Wear Bay Crescent, Sussex Road.
- Folkestone & Hythe District Council and the Environment Agency will gain access to the Harbour Arm to confirm that all toilet facilities are correctly connected and to identify any potential issues.

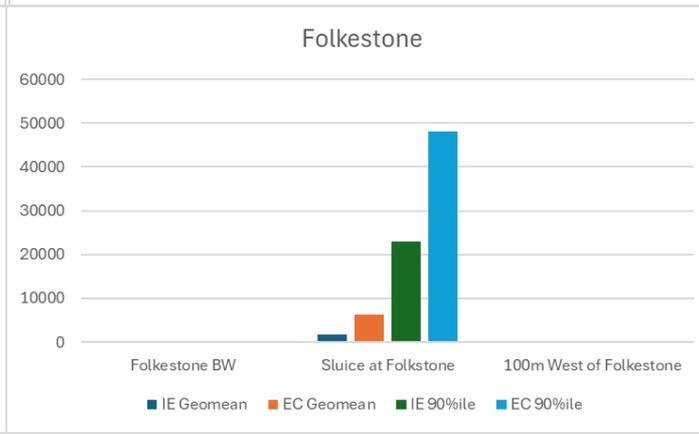
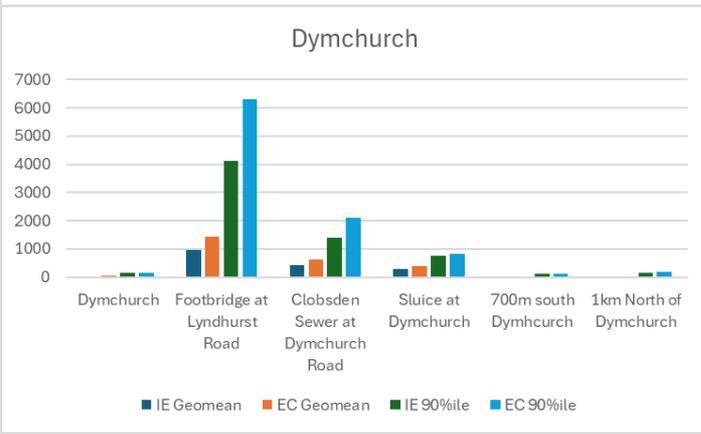
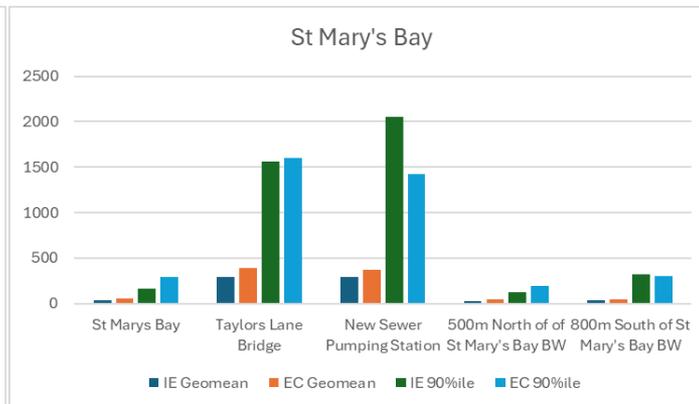
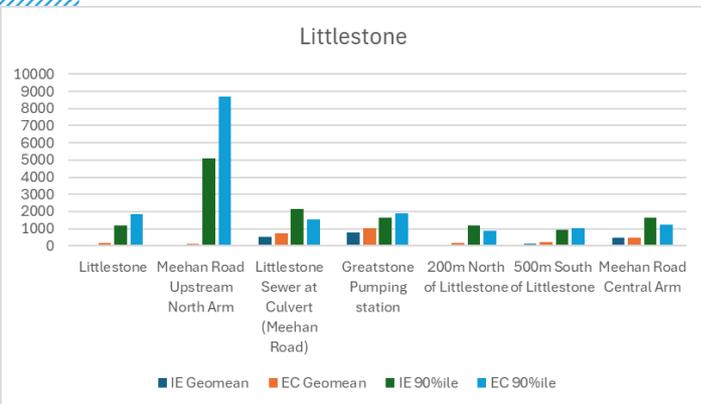
Appendix

- EA Investigatory Sample Data: Geomeans and 90th Percentiles 2025
- Shadow Sample Locations
- Elevated Shadow Sample Results: Littlestone, Dymchurch, St Mary's Bay and Folkestone

EA Investigatory Sample Data: Geomeans and 90th Percentiles 2025



The below charts show the geomean and 90th percentile for Intestinal Enterococci and e.Coli results from EA Investigatory sample results across the Bathing water season



Sandgate and Hythe have not been included as there are no EA investigatory sample results available

Shadow Sample Locations



Dymchurch	Location/Description	Easting	Northing	Littlestone	Location/Description	Easting	Northing	Folkestone	Location/Description	Easting	Northing	St Mary's Bay	Location/Description	Easting	Northing
DYMCS01	On beach behind 3 Seaview Heights, High St	610370	129450	LITCS01	Outside 17 Coast Drive	608239	123115	FOLCS01	on beach by Hotel Burstin	623270	135848	STMCS01	Just offshore rock armour	609182	127226
DYMCS02	Designated sample point. On beach behind MrT's Amusements	610240	129300	LITCS02	Outside RNLI Littlestone Station	608363	123653	FOLCS02†	junction Harbour Rd & Harbour Approach Rd	623216	135946	STMCS02	230m offshore at end of marked outfall	609264	127364
DYMCS03	On beach behind Ocean Inn, High St.	610130	129160	LITCS03	Junction of Clark Rd/Coast Dr	608400	123900	FOLCS03	on beach by Royal George	623277	135990	STMCS03	Inline with No. 2	609214	127466
DYMCS04	On beach at the mouth of Hoorne's Sewer	610100	129050	LITCS04	Junction of Grand Parade/Victoria Rd	608453	124144	FOLCS04	100m east of Sunny Sands	623615	136249	STMCS04	Infront of No. 71	609300	127700
DYMRV01	Clobsden Sewer at 155 Fairway	609498	128247	LITCS05	In front of Mulberry House	608556	124697	FOLCS05	junction Wear Bay Rd and Varne Pl	623874	136341	STMCS05	Behind No. 87	609396	127931
DYMRV02	Marshland Sewer at 30 Eastbridge Road	609650	129753	LITCS06	Near Greatstone Beach Car Park	608225	122768	FOLRIV1	Pent stream by junction Black Bull Road with Foord Road	622665	136602	STMTRIV1†	Environment Agency cmpd	609015	127275
DYMRV03	Hoorne's Sewer at 35 Tower Estate	611518	130814	LITCS07	End of Sea View Road	608236	122208	FOLRIV2	Bridge over Pent stream south of Goldwyn Brook School	622298	136731	STMTRIV2	in river by No. 35	608890	127250
DYMRV04	EA site of Dymchurch Road (Hoorne Sewer discharge point)	610056	129137	LITRV01	Off Meehan Road (EA site)	608188	123701	FOLRIV3	Pent Stream west of Royal Victoria Hospital	622166	136703	STMTRIV3	in river by No. 57	608790	127210
				LITRV02	By 95 Meehan Road At Entrance to New Romney Caravan Park	608146	123867	FOLRIV4	Pent Stream 100m north No. 28	621664	136849	STMTRIV4	in river by No. 4	608630	127160
				LITRV03	Within New Romney Caravan Park	608128	123958	FOLRIV5	Pent Stream by No. 41	621429	137017	STMTRIV5	in river at Taylor's Lane Bridge	608540	127130
				LITRV04	In fields behind 35 Meehan Road	607920	124020	FOLRIV6	Ditch behind No. 17	620960	136950	STMTRIV6	In river at the bridge at The Fairway	609490	128240
				LITRV05		607951	123760	FOLRIV7	Pent Stream by No. 51	620927	137307				

Shadow Sample Data: Dymchurch 2025 (elevated samples)

Sample site	Sample number	Date	Weather	Sample time	Time collected	Water Temp	Tide	Flow in outfall	Bottled sample ref	Ecoli result	IE results	Above Excellent?	Comments	Spill?	Rain total 5 days prior (mm)	HW time	Time to HW	Flow from
	DYMCS01-12	05/08/2025	Dry	05/08/2025 10:34	10:34	16.5	Mid high tide	No	9155200	340	70	Yes		No Spill	0	05/08/2025 09:00	1.57	West
	DYMCS02-02	06/02/2025	Light rain	06/02/2025 12:43	12:43	5	Mid low tide	Yes	8810085	300	68	Yes	Shoreside due to stormy conditions	No Spill	0.4	06/02/2025 17:05	-4.37	East
	DYMCS02-09	19/06/2025	Sunny	19/06/2025 10:22	10:22	18	Low tide	Yes	9061784	140	410	Yes	Point visited during an active pollution attendance	No Spill	0	19/06/2025 05:29	4.88	North East
	DYMCS02-11	15/07/2025	Sunny	15/07/2025 09:52	09:52	16	Low tide	Yes	9114700	100	140	Yes		No Spill	0	15/07/2025 14:53	-5.02	East
	DYMCS02-12	05/08/2025	Dry	05/08/2025 10:39	10:39	16.5	Mid high tide	No	9155201	450	80	Yes		No Spill	0	05/08/2025 09:00	1.65	West
	DYMCS02-13	02/09/2025	Light rain	02/09/2025 10:49	10:49		Mid high tide	Yes	9209936	100	300	Yes		No Spill	22	02/09/2025 07:14	3.58	Slack
	DYMCS02-15	19/09/2025	Light rain	19/09/2025 10:31	10:31		High tide	No	9244104	100	150	Yes		No Spill	1.4	19/09/2025 10:37	-0.10	West
	DYMCS03-11	15/07/2025	Sunny	15/07/2025 09:59	09:59	16	Low tide	Yes	9114701	900	1000	Yes		No Spill	0	15/07/2025 14:53	-4.90	East
	DYMCS03-12	05/08/2025	Dry	05/08/2025 10:44	10:44	16.5	Mid high tide	No	9155202	420	40	Yes		No Spill	0	05/08/2025 09:00	1.73	West
	DYMCS03-13	02/09/2025	Light rain	02/09/2025 10:35	10:35		Mid high tide	Yes	9209937	4000	6200	Yes	In-situ data not yet available	No Spill	22	02/09/2025 07:14	3.35	South West
Coastal	DYMCS04-02	06/02/2025	Light rain	06/02/2025 12:26	12:26	5	Mid low tide	Yes	8810087	100	500	Yes	Shoreside due to stormy conditions.	No Spill	0.4	06/02/2025 17:05	-4.65	East
	DYMCS04-09	19/06/2025	Sunny	19/06/2025 09:57	09:57	18	Low tide	Yes	9061783	300	28	Yes	Point visited during an active pollution attendance	No Spill	0	19/06/2025 05:29	4.47	Slack
	DYMCS04-10	20/06/2025	Sunny	20/06/2025 12:43	12:43	19	Low tide	Yes	9030391	200	200	Yes	Point visited during an active pollution attendance	No Spill	0	20/06/2025 19:06	-6.38	East
	DYMCS04-11	15/07/2025	Sunny	15/07/2025 10:02	10:02	16	Low tide	Yes	9114702	700	350	Yes		No Spill	0	15/07/2025 14:53	-4.85	East
	DYMCS04-13	02/09/2025	Light rain	02/09/2025 10:26	10:26		Mid high tide	Yes	9209938	60	200	Yes		No Spill	22	02/09/2025 07:14	3.20	South West
	DYMCS04-15	19/09/2025	Light rain	19/09/2025 10:21	10:21		High tide	No	9244106	200	55	Yes		No Spill	1.4	19/09/2025 10:37	-0.27	West
Outfall	DYMCS04-0-02	06/02/2025	Light rain	06/02/2025 12:31	12:31	5	Mid low tide	Yes	8810088	430	530	Yes	Outfall sampled	No Spill	0.4	06/02/2025 17:05	-4.57	East
	DYMCS04-0-09	19/06/2025	Sunny	19/06/2025 10:10	10:10	18	Low tide	Yes	9061782	2000	440	Yes	Point visited during an active pollution attendance	No Spill	0	19/06/2025 05:29	4.68	North East
	DYMCS04-0-10	20/06/2025	Sunny	20/06/2025 12:55	12:55	19	Low tide	Yes	9030390	1300	780	Yes	Point visited during an active pollution attendance	No Spill	0	20/06/2025 19:06	-6.18	East
	DYMCS04-0-11	15/07/2025	Sunny	15/07/2025 10:08	10:08	16	Low tide	Yes	9114703	4600	1400	Yes		No Spill	0	15/07/2025 14:53	-4.75	East
	DYMCS04-0-13	02/09/2025	Light rain	02/09/2025 10:31	10:31		Mid high tide	Yes	9209939	6200	10000	Yes		No Spill	22	02/09/2025 07:14	3.28	South West
	DYMRV01-15	19/09/2025	Light rain	19/09/2025 09:51	09:51		High tide	No	9244100	310	360	Yes		No Spill	1.4	19/09/2025 10:37	-0.77	West
	DYMRV02-15	19/09/2025	Light rain	19/09/2025 10:51	10:51		High tide	No	9244101	200	13	Yes		No Spill	1.4	19/09/2025 10:37	0.23	West
	DYMRV03-15	19/09/2025	Light rain	19/09/2025 11:07	11:07		High tide	No	9244102	270	71	Yes		No Spill	1.4	19/09/2025 10:37	0.50	West

Shadow Sampling: Littlestone 2025 (elevated samples)

Sample site	Sample number	Date	Sample time	Weather	Time collected	Water Temp	Tide	Flow in outfall	Bottled sample ref	Ecoli result	IE results	Above Excellent?	Comments	Spill?	Rain?	HW time	Time to HW	Flow from
LITCS01	LITCS01-01	13/01/2025	13/01/2025 12:14	Sunny	12:14	4.5	High tide	Yes	8761848	290	280	Yes		No Spill	9.2mm (08-13/01)	13/01/2025 10:39	1.58	South West
	LITCS01-02	31/01/2025	31/01/2025 12:03	Light rain	12:03	6	High tide	Yes	8796773	70	180	Yes		No Spill	23mm (26-31/01)	31/01/2025 12:13	-0.17	South West
	LITCS01-08	05/09/2025	05/09/2025 10:34	Sunny	10:34	18	High tide	No	9217566	600	180	Yes	Lots of yellow/white sea foam along shoreline from recent stormy weather.	No Spill	30.6mm (01-05/09)	05/09/2025 10:16	0.30	South West
	LITCS02-02	31/01/2025	31/01/2025 11:33	Light rain	11:33	6	High tide	Yes	8796774	300	290	Yes		No Spill	23mm (26-31/01)	31/01/2025 12:13	-0.67	South West
	LITCS02-06	14/03/2025	14/03/2025 09:42	Sunny	09:42	11	High tide	No	8879350	170	48	Yes		No Spill	0.8mm (04-09/03)	14/03/2025 11:35	-1.88	Slack
	LITCS02-08	05/09/2025	05/09/2025 10:49	Sunny	10:49	18	High tide	No	9217567	300	280	Yes		No Spill	30.6mm (01-05/09)	05/09/2025 10:16	0.55	South West
LITCS03	LITCS03-01	13/01/2025	13/01/2025 11:16	Sunny	11:16	4.5	High tide	Yes	8761850	1100	130	Yes		No Spill	9.2mm (08-13/01)	13/01/2025 10:39	0.62	South West
	LITCS03-08	05/09/2025	05/09/2025 10:55	Sunny	10:55	18	High tide	No	9217568	100	210	Yes		No Spill	30.6mm (01-05/09)	05/09/2025 10:16	0.65	South West
	LITCS04-07	09/06/2025	09/06/2025 10:39	Dry	10:39	10	Mid high tide	No	9042562	300	45	Yes		No Spill	16.8mm (04 - 09/06)	09/06/2025 10:56	-0.28	South West
	LITCS04-08	05/09/2025	05/09/2025 11:02	Sunny	11:02	18	High tide	No	9217569	320	180	yes		No Spill	30.6mm (01-05/09)	05/09/2025 10:16	0.77	South West
	LITCS05-02	31/01/2025	31/01/2025 10:55	Light rain	10:55	5	High tide	Yes	8796777	100	120	Yes		No Spill	23mm (26-31/01)	31/01/2025 12:13	-1.30	South West
	LITCS05-08	05/09/2025	05/09/2025 09:37	Sunny	09:37	18	High tide	No	9217570	100	170	yes		No Spill	30.6mm (01-05/09)	05/09/2025 10:16	-0.65	South West
LITCS06	LITCS06-01	05/09/2025	05/09/2025 10:28	Sunny	10:28	18	High tide	No	9217571	200	240	yes	Lots of yellow/white sea foam along shoreline from recent stormy weather.	No Spill	30.6mm (01-05/09)	05/09/2025 10:16	0.20	South West
LITCS07	LITCS07-01	05/09/2025	05/09/2025 10:18	Sunny	10:18	18	High tide	No	9217572	400	680	yes	Lots of yellow/white sea foam along shoreline from recent stormy weather.	No Spill	30.6mm (01-05/09)	05/09/2025 10:16	0.03	South West

Shadow Sampling: St Mary's Bay 2025 (elevated samples)

Sample site	Sample number	Date	Weather	Sample time	Time collected	Water Temp	Tide	Flow in outfall	Bottled sample ref	Ecoli result	IE results	Above Excellent	Comments	Spill?	Rain?	HW time	Time to HW	Flow from
	STMCS01-04	14/02/2025	Sunny	14/02/2025 11:08	11:08	4.5	High tide	No	8823954	40	140	Yes	Shore side sampling due to choppy waves	No spill	16mm (09-14/02)	14/02/2025 12:28	-1.33	South West
	STMCS01-06	07/03/2025	Sunny	07/03/2025 10:52	10:52	9	Low tide	Yes	8863886	50	130	Yes		No spill	0.4mm (02-07/03)	07/03/2025 16:41	-5.82	North East
	STMCS01-08	21/03/2025	Dry	21/03/2025 10:39	10:39	10	Mid low tide	Yes	8892579	200	30	Yes		No spill	0.4mm (16-21/03)	21/03/2025 14:35	-3.93	North East
	STMCS01-10	01/08/2025	Sunny	01/08/2025 12:45	12:45	16	Mid low tide	Yes	9149826	410	1000	Yes		No spill	4.2mm (27/07-01/08)	01/08/2025 16:54	-4.15	North East
	STMCS02-08	21/03/2025	Dry	21/03/2025 10:31	10:31	10	Mid low tide	Yes	8892580	150	320	Yes		No spill	0.4mm (16-21/03)	21/03/2025 14:35	-4.07	North East
	STMCS02-10	01/08/2025	Sunny	01/08/2025 12:48	12:48	16	Mid low tide	Yes	9149827	560	450	Yes		No spill	4.2mm (27/07-01/08)	01/08/2025 16:54	-4.10	North East
	STMCS03-10	01/08/2025	Sunny	01/08/2025 12:51	12:51	16	Mid low tide	Yes	9149828	200	510	Yes		No spill	4.2mm (27/07-01/08)	01/08/2025 16:54	-4.05	North East
	STMCS04-04	14/02/2025	Sunny	14/02/2025 11:25	11:25	4.5	High tide	No	8823957	200	120	Yes	Shore side sampling due to choppy waves	No spill	16mm (09-14/02)	14/02/2025 12:28	-1.05	South West
	STMCS05-02	30/01/2025	Dry	30/01/2025 12:01	12:01	6	High tide	Yes	8794401	600	51	Yes	Shore side sampling due to choppy waves	1 spill. Hamstreet 27/01 1 hr 26 mins	21.6mm (25-30/01)	30/01/2025 11:34	0.45	South West

Shadow Sampling: Folkestone 2025 (elevated samples)

Sample site	Sample number	Date	Sample time	Weather	Time collected	Water Temp	Tide	Flow in outfall	Bottled sample ref	Ecoli result	IE results	Above Excellent?	Comments	Spill?	Rain?	HW time	Time to HW	Flow from
	FOLRIV1-04	12/02/2025	12/02/2025 11:06	Dry	11:06	7.5	High	No	8819695	30	10000	Yes		No spill	28.mm (07-12/02)	12/02/2025 11:23	-0.28	South West
	FOLRIV1-05	27/02/2025	27/02/2025 10:49	Dry	10:49	7.5	High tide	No	8847105	10000	1400	Yes		2 x Spills. The Stade Folkestone 22/02 3hrs 15 mins, 2 hrs 33 mins	33mm (22-27/02)	27/02/2025 10:37	0.20	South West
	FOLRIV3-05	27/02/2025	27/02/2025 12:12	Dry	12:12	8.5	High tide	No	8847107	10000	1300	Yes		2 x Spills. The Stade Folkestone 22/02 3hrs 15 mins, 2 hrs 33 mins	33mm (22-27/02)	27/02/2025 10:37	1.58	South West
	FOLCS01-05	27/02/2025	27/02/2025 11:14	Dry	11:14	7.5	High tide	No	8847100	100	140	Yes		2 x Spills. The Stade Folkestone 22/02 3hrs 15 mins, 2 hrs 33 mins	33mm (22-27/02)	27/02/2025 10:37	0.62	South West
	FOLCS01-10	15/05/2025	15/05/2025 12:32	Sunny	12:32	13.5	High tide	No	8996962	400	690	Yes	In situ data and sample result to be added when available	No spill	No rainfall	15/05/2025 13:24	-0.87	South West
	FOLCS02+-05	27/02/2025	27/02/2025 11:17	Dry	11:17	7.5	High tide	No	8847101	100	110	Yes		2 x Spills. The Stade Folkestone 22/02 3hrs 15 mins, 2 hrs 33 mins	33mm (22-27/02)	27/02/2025 10:37	0.67	South West
	FOLCS02+-07	17/03/2025	17/03/2025 12:34	Sunny	12:34	8	High tide	No	8884581	100	500	Yes		No spill	3.5 mm (14-17/03)	17/03/2025 12:56	-0.37	South West
	FOLCS02+-10	15/05/2025	15/05/2025 12:26	Sunny	12:26	13.5	High tide	No	8996963	200	180	Yes		No spill	No rainfall	15/05/2025 13:24	-0.97	South West
	FOLCS04-03	03/02/2025	03/02/2025 12:13	Dry	12:13	9	Low	No	8802508	100	260	Yes		No spill	9.6mm (29/01-03/02)	03/02/2025 14:15	-2.03	Slack
	FOLCS04-04	12/02/2025	12/02/2025 11:52	Dry	11:52	7	High	No	8819702	21	190	Yes	Shoreside as high tide covers entire beach	No spill	28.mm (07-12/02)	12/02/2025 11:23	0.48	South West
	FOLCS04-05	27/02/2025	27/02/2025 11:31	Dry	11:31	7.5	High tide	No	8847103	40	180	Yes		2 x Spills. The Stade Folkestone 22/02 3hrs 15 mins, 2 hrs 33 mins	33mm (22-27/02)	27/02/2025 10:37	0.90	South West