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# Schedule: 1 January to 31 December 2019

# PHE Food and Water Microbiology External Quality Assessment Schemes



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**We aim to meet all the dates in this document you will be advised as soon as possible if any changes have to be made.**

**Please contact us if you do not receive your samples within seven days of the listed dispatch dates**

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## STANDARD SCHEME

### food microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required <b>Up to three sets of results can be reported</b>
312	S0661 S0662	07/01/2019	15/02/2019	<i>Campylobacter</i> spp. detection <i>Campylobacter</i> spp. enumeration <i>Escherichia coli</i> O157 detection <i>Salmonella</i> spp. detection Aerobic colony count <i>Enterobacteriaceae</i> enumeration
314	S0665 S0666	18/02/2019	29/03/2019	Presumptive <i>Bacillus cereus</i> enumeration Coagulase-positive staphylococci enumeration <i>Listeria</i> spp. (including <i>L. mono</i> ) enumeration <i>Listeria monocytogenes</i> enumeration Aerobic colony count Coliform enumeration
316	S0669 S0670	08/04/2019	17/05/2019	<i>Cronobacter</i> spp. detection <i>Listeria</i> spp. (including <i>L. mono</i> ) detection <i>Listeria monocytogenes</i> detection <i>Clostridium perfringens</i> enumeration Aerobic colony count <i>Escherichia coli</i> enumeration
318	S0673 S0674	03/06/2019	12/07/2019	<i>Campylobacter</i> spp. detection <i>Campylobacter</i> spp. enumeration <i>Escherichia coli</i> O157 detection <i>Salmonella</i> spp. detection Aerobic colony count <i>Enterobacteriaceae</i> enumeration <i>Yersinia enterocolitica</i>
320	S0677 S0678	29/07/2019	06/09/2019	Presumptive <i>Bacillus cereus</i> enumeration Coagulase-positive staphylococci enumeration <i>Listeria</i> spp. (including <i>L. mono</i> ) enumeration <i>Listeria monocytogenes</i> enumeration Aerobic colony count Coliform enumeration
322	S0681 S0682	30/09/2019	08/11/2019	<i>Listeria</i> spp. (including <i>L. mono</i> ) detection <i>Listeria monocytogenes</i> detection <i>Salmonella</i> spp. detection <i>Clostridium perfringens</i> enumeration Sulfite-reducing anaerobic bacteria Aerobic colony count <i>Escherichia coli</i> enumeration

**Note for this scheme molecular methods can be used for pathogen examination or as a confirmation test**

## EUROPEAN MICROBIOLOGY LEGISLATION SCHEME

### food microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Dates results due by	Food category	Examinations and enumerations required
EFL47	EFL139 EFL140 EFL141	07/01/2019	08/02/2019	Meat	According to the Food Safety or Process Hygiene Criteria
EFL48	EFL142 EFL143 EFL144	18/02/2019	22/03/2019	Dairy	
EFL49	EFL145 EFL146 EFL147	03/06/2019	05/07/2019	Ready to eat product	
EFL50	EFL148 EFL149 EFL150	30/09/2019	01/11/2019	Miscellaneous	

## NON-PATHOGEN SCHEME

### food microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required <b>Up to three sets of results can be reported</b>
NP062	NP0179 NP0180	07/01/2019	22/02/2019	<i>Pseudomonas</i> spp. Yeasts Moulds Coliforms <i>Enterobacteriaceae</i>
NP063	NP0181 NP0182	08/04/2019	24/05/2019	<i>Escherichia coli</i> Enterococci Lactic acid bacteria Aerobic colony count at 30°C
NP064	NP0183 NP0184	29/07/2019	13/09/2019	All the above enumerations are included for all samples  An option to register for PYM ( <i>Pseudomonas</i> spp., yeasts and moulds only) is available

**SHELLFISH SCHEME**  
food microbiology examinations

**Sample schedule for 2019**

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
SF062	SF0132 SF0133	18/02/2019	22/03/2019	<i>Escherichia coli</i> MPN <i>Salmonella</i> spp. dection
SF063	SF0134 SF0135	03/06/2019	05/07/2019	
SF064	SF0136 SF0137	30/09/2019	01/11/2019	

**PATHOGENIC VIBRIO SCHEME**  
food microbiology examinations

**Sample schedule for 2019**

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
V055	V0150 V0151	18/02/2019	22/03/2019	Detection: <i>Vibrio cholerae</i> non-O1 and non-O139 strains <i>Vibrio vulnificus</i>  Detection and enumeration: <i>Vibrio parahaemolyticus</i>
V056	V0152 V0153	03/06/2019	05/07/2019	
V057	V0154 V0155	30/09/2019	01/11/2019	

**STAPHYLOCOCCUS AUREUS ENTEROTOXIN SCHEME**  
food microbiology examinations

**Sample schedule for 2019**

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations required
STA040	ST0079 ST0080	07/01/2019	08/02/2019	<i>Staphylococcus aureus</i> enterotoxin
STA041	ST0081 ST0082	08/04/2019	10/05/2019	
STA042	ST0083 ST0084	29/07/2019	30/08/2019	

## ENVIRONMENTAL SWAB SCHEME

### food microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations required
ES14	ES0027 ES0028	18/02/2019	15/03/2019	Relevant pathogen relating to outbreak details as provided on the request form  <i>Campylobacter</i> spp. Coagulase-positive staphylococci <i>Escherichia coli</i> O157 <i>Listeria monocytogenes</i> <i>Salmonella</i> spp.
ES15	ES0029 ES0030	08/04/2019	03/05/2019	<u>Enumeration of hygiene indicator organisms</u>  Aerobic colony count <i>Bacillus cereus</i> <i>Escherichia coli</i> Enterobacteriaceae <i>Listeria</i> spp.
ES16	ES0031 ES0032	29/07/2019	23/08/2019	Relevant pathogen relating to outbreak details as provided on the request form  <i>Campylobacter</i> spp. Coagulase-positive staphylococci <i>Escherichia coli</i> O157 <i>Listeria monocytogenes</i> <i>Salmonella</i> spp.
ES17	ES0033 ES0034	30/09/2019	25/10/2019	<u>Enumeration of hygiene indicator organisms</u>  Aerobic colony count <i>Bacillus cereus</i> <i>Escherichia coli</i> Enterobacteriaceae <i>Listeria</i> spp.

## SHIGA TOXIN-PRODUCING *ESCHERICHIA COLI* SCHEME

### food microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations required
STX6	STX011 STX012	07/01/2019	01/02/2019	<b>Samples can only be examined using molecular methods</b>  Detection of the major virulence genes associated with <i>Escherichia coli</i> serogroups O157, O111, O26, O103, O145 and O104:H4 (STEC)
STX7	STX013 STX014	03/06/2019	28/06/2019	Includes detection of <i>stx</i> -coding genes and the presence of the intimin-coding gene <i>eae</i>

## **NOVAVIRUS AND HEPATITIS A VIRUS SCHEME**

**food and water microbiology examinations**

### **Sample schedule for 2019**

<b>Distribution number</b>	<b>Sample numbers</b>	<b>Dispatch date</b>	<b>Date results due by</b>	<b>Examinations required</b> Samples can only be examined using molecular methods
<b>NHV005</b>	<b>NHV0009 NHV0010</b>	<b>18/02/2019</b>	<b>22/03/2019</b>	<b>Detection of Norovirus GI and GII and Hepatitis A Virus</b>
<b>NHV006</b>	<b>NHV0011 NHV0012</b>	<b>30/09/2019</b>	<b>01/11/2019</b>	<b>Optional: Quantification of Norovirus GI and GII and Hepatitis A Virus</b>

## LEGIONELLA ISOLATION SCHEME

water microbiology examinations

### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
G114	G114A G114B	28/01/2019	08/03/2019	Detection, enumeration and identification of <i>Legionella</i> spp.
G115	G115A G115B	13/05/2019	21/06/2019	
G116	G116A G116B	01/07/2019	09/08/2019	
G117	G117A G117B	04/11/2019	13/12/2019	

## LEGIONELLA MOLECULAR SCHEME

water microbiology examinations

### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required <b>Samples can only be examined using molecular methods</b>
LM5	LM5A LM5B	11/03/2019	19/04/2019	Detection and quantification of <i>Legionella</i> spp.
LM6	LM6A LM6B	02/09/2019	11/10/2019	

# RECREATIONAL AND SURFACE WATER SCHEME

## water microbiology examinations

### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
S88	S88A S88B	28/01/2019	01/03/2019	<u>swimming pool / hydrotherapy pool waters:</u> Coagulase-positive staphylococci Coliform bacteria <i>Escherichia coli</i> Enterococci <i>Pseudomonas aeruginosa</i> Total staphylococci Colony count (37°C/24 hours)
S89	S89A S89B	11/03/2019	12/04/2019	<u>marine (bathing beach) waters:</u> <i>Escherichia coli</i> Enterococci <i>Salmonella</i> spp.
S90	S90A S90B	13/05/2019	14/06/2019	<u>river, lake or stream waters:</u> Coliform bacteria <i>Escherichia coli</i> Enterococci Faecal coliforms <i>Clostridium perfringens</i> <i>Salmonella</i> spp.
S91	S91A S91B	01/07/2019	02/08/2019	<u>swimming pool / hydrotherapy pool waters:</u> Coagulase-positive staphylococci Coliform bacteria <i>Escherichia coli</i> Enterococci <i>Pseudomonas aeruginosa</i> Total staphylococci Colony count (37°C/24 hours)
S92	S92A S92B	02/09/2019	04/10/2019	<u>marine (bathing beach) waters:</u> <i>Escherichia coli</i> Enterococci <i>Salmonella</i> spp.
S93	S93A S93B	04/11/2019	06/12/2019	<u>river, lake or stream waters:</u> Coliform bacteria <i>Escherichia coli</i> Enterococci Faecal coliforms <i>Clostridium perfringens</i> <i>Salmonella</i> spp.



## DRINKING WATER SCHEME

### water microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required <b>Up to three sets of results can be reported</b>
W185	W185A W185B W185C	28/01/2019	01/03/2019	Coliform bacteria <i>Escherichia coli</i> Enterococci <i>Clostridium perfringens</i> <i>Pseudomonas aeruginosa</i> Colony count (37°C/48 hours) Colony count (22°C/72 hours)
W186	W186A W186B W186C	11/03/2019	12/04/2019	
W187	W187A W187B W187C	13/05/2019	14/06/2019	
W188	W188A W188B W188C	01/07/2019	02/08/2019	
W189	W189A W189B W189C	02/09/2019	04/10/2019	
W190	W190A W190B W190C	04/11/2019	06/12/2019	

## BOTTLED AND MINERAL WATER SCHEME

### water and food microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
BMW21	BMW21A BMW21B	28/01/2019	22/02/2019	Coliform bacteria <i>Escherichia coli</i> Enterococci <i>Pseudomonas aeruginosa</i> Sporulated sulphite-reducing anaerobes Colony count (37°C/24 hours) Colony count (22°C/72 hours)
BMW22	BMW22A BMW22B	13/05/2019	07/06/2019	
BMW23	BMW23A BMW23B	02/09/2019	27/09/2019	

## HOSPITAL WATERS

### ENDOSCOPE RINSE WATER SCHEME

water microbiology examinations

Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
EW21	EW21A EW21B	28/01/2019	22/02/2019	Total viable counts (28°C - 32°C for 5 days) <i>Pseudomonas aeruginosa</i>
EW22	EW22A EW22B	13/05/2019	07/06/2019	
EW23	EW23A EW23B	02/09/2019	27/09/2019	Selected distribution: Yeasts/moulds (EW21)

### MYCOBACTERIUM SPP. IN WATER SCHEME

water microbiology examinations

Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
MY001	MY001A MY001B	13/05/2019	02/08/2019	Endoscope rinse water
MY002	MY002A MY002B	01/07/2019	20/09/2019	Heater cooler water
MY003	MY003A MY003B	04/11/2019	24/01/2020	Endoscope rinse water

## DIALYSIS WATER SCHEME

### water microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
DW18	DW18A DW18B	11/03/2019	05/04/2019	Total viable counts (17°C - 23°C for 7 days)
DW19	DW19A DW19B	01/07/2019	26/07/2019	
DW20	DW20A DW20B	04/11/2019	29/11/2019	

## HOSPITAL TAP WATER SCHEME

### water microbiology examinations

#### Sample schedule for 2019

Distribution number	Sample numbers	Dispatch date	Date results due by	Examinations and enumerations required
HTW15	HTW15A HTW15B	11/03/2019	05/04/2019	<i>Pseudomonas aeruginosa</i>
HTW16	HTW16A HTW16B	01/07/2019	26/07/2019	
HTW17	HTW17A HTW17B	04/11/2019	29/11/2019	

**HYDROTHERAPY POOL WATERS – Please select distributions S88 and or S91 from Recreational and Surface Water Scheme (see page 8)**