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| Directors of Environmental Health  Interested Fishery Organisations  Directors of Public Health and Consultants in Public Health Medicine  Fishery Offices | | |
| **Monday 23rd December 2019** |  |  | |

Dear Sir/Madam,

**THE FOOD HYGIENE (SCOTLAND) REGULATIONS 2006: OFFICIAL CONTROL BIOTOXIN MONITORING (LIVE BIVALVE MOLLUSCS) PROGRAMME**

Please find attached information relating to biotoxin, *E coli* and phytoplankton samples submitted for testing within Scottish waters for the period ending Friday 20th December 2019.

**BIOTOXIN TEST RESULTS (CLASSIFIED AREAS AND COMMERCIAL PROCESSORS)**

**PHYTOPLANKTON RESULTS**

**E. COLI TEST RESULTS**

Please note the key which accompanies the biotoxin report. This table continues over the page.

|  |  |
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| **The action (closure) levels for toxins in shellfish flesh are as follows:** | |
| ASP >20mg Domoic/epi-Domoic acid per kg shellfish flesh | |
| PSP >800µg STX eq. per kg shellfish flesh | |
| Lipophilic toxins (DSP) by MBA - Positive | |
| OA/DTXs/PTXs together >160µg OA eq. per kg shellfish flesh | |
| AZAs >160µg AZA eq. per kg shellfish flesh | |
| YTXs >1mg YTX eq. per kg shellfish flesh | |
|  | Toxin concentrations ≥ action level |
|  | Toxin detected/clinical signs observed below action level |

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| --- | --- |
| MU = measurement uncertainty | |
| RL = Reporting Limit [either the LOQ of the method for the toxin/species combination or the concentration of the lowest calibration standard depending on which one is the highest.] | |
| PS = Positive | |
| ND = Not Detected | |
| NG = Negative | |
| LOD = Limit of Detection | |
| LOQ = Limit of Quantitation | |
|  | Insufficient/Unsuitable sample |

**For details of any Temporary Closure Notices and/or Warning Notices please contact your Local Authority Environmental Health Officer for advice**.

The absence of information is not necessarily indicative of the area being free of biotoxins. It remains the responsibility of food business operators to ensure that their products comply with all relevant statutory requirements.

**Please note that this report reflects the weekly biotoxin, E coli and Phyto plankton results reported on Tuesday of each week. All the results are posted on our website at:**

<http://www.foodstandards.gov.scot/food-safety-standards/advice-business-and-industry/shellfish/shellfish-results>

Yours faithfully

*Caroline Thomson*

Shellfish Unit