
Toxic exposure mediated via FOOD in BC (II) - BCTOX®
MARCH 2018

Selected Toxicological related food recalls in BC

Updated 2018-03-26

| Dates | Food (Company / Firm) | Reason to recall | | |
|--------------|--|-------------------------|---------|-------------------|
| 2018-03-21 | Updated Food Recall Warning (Allergen) - Butcher's Selection brand Stampede Chicken Burgers recalled due to undeclared egg | | Class 1 | Possibly National |
| 2018-03-21 | Updated Food Recall Warning (Allergen) - Lotte brand Choco Pie – Green Tea recalled due to undeclared almond | | Class 1 | BC + |
| 2018-03-09 | Food Recall Warning (Allergen) - Lotte brand Choco Pies recalled due to undeclared almond | | Class 1 | National |

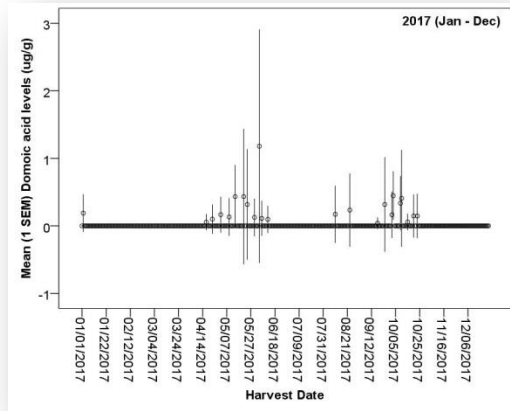
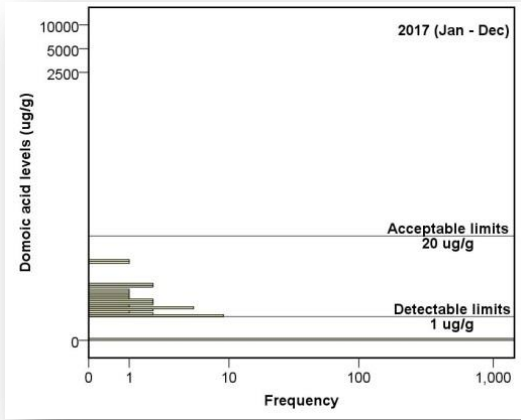
Bi weekly marine bio-toxin monitoring in West Coast BC in - 2017

- ✓ **Below** regulatory limits Domoic acid [Amnesic Shellfish Poisoning] are reported. No cases of above regulatory limits were reported in the whole 2017.
 - ✓ **Above** regulatory limits of Saxitoxin [Paralytic shellfish poisoning] concentrations were reported through 2017 with a pick in the warm months of the year.
 - ✓ **Below** regulatory limits of Okadaic acid and dinophysis toxins [Diarrhetic Shellfish Poisoning] were reported mostly in the second half of the year
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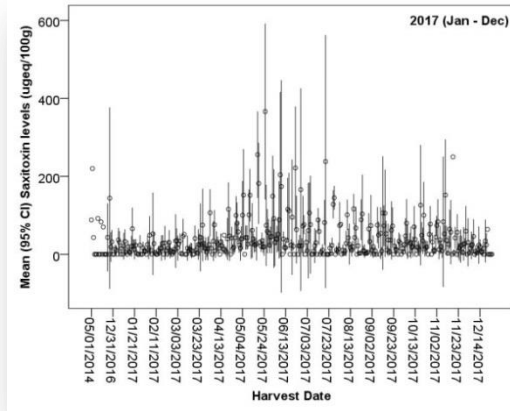
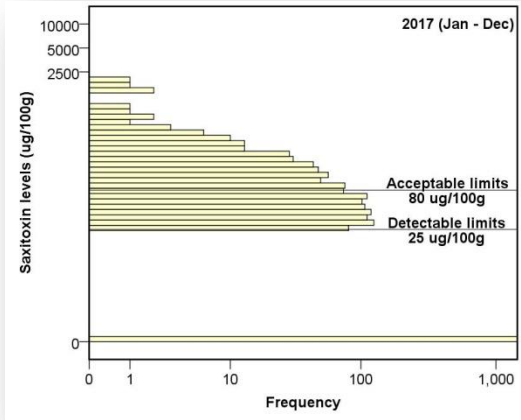
--- See next page for the graphs.

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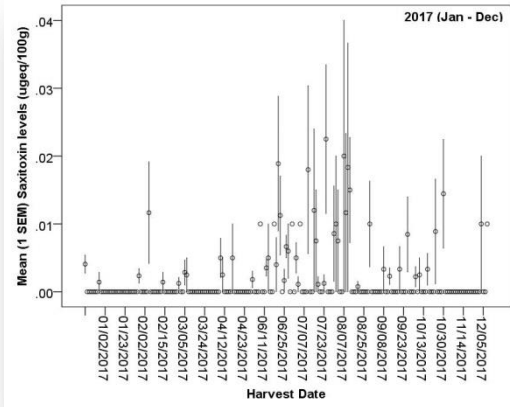
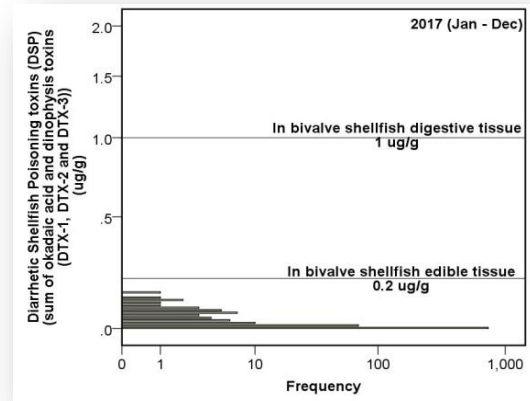
Marine biotoxins (2017) in BC - Data from CFIA – BCTOX graphs
 Frequency Mean (1 SEM) concentrations



Domoic acid (ug/g) (Amnesic shellfish poisoning (ASP)) among detected shellfish samples in BC (January to 23 November 2017) (n=37 out of 3380) [These graphs are prepared to imply the trend, and it should be interpreted with caution]



Saxitoxin (ug/100g) (Paralytic shellfish poisoning (PSP)) among detected shellfish samples in BC (January to December 2017) (n=1219 detected out of 3878 samples) [These graphs are prepared to imply the trend, and it should be interpreted with caution]



Okadaic acid (sum of okadaic acid and dinophys toxins (DTX-1, DTX-2 and DTX-3)) (Diarrhetic Shellfish Poisoning toxins (DSP)) among shellfish samples in BC (January to December 2017) (n=114 detected out of 735 sample) [These graphs are prepared to imply the trend, and it should be interpreted with caution]