

志津川湾水質分析結果概要

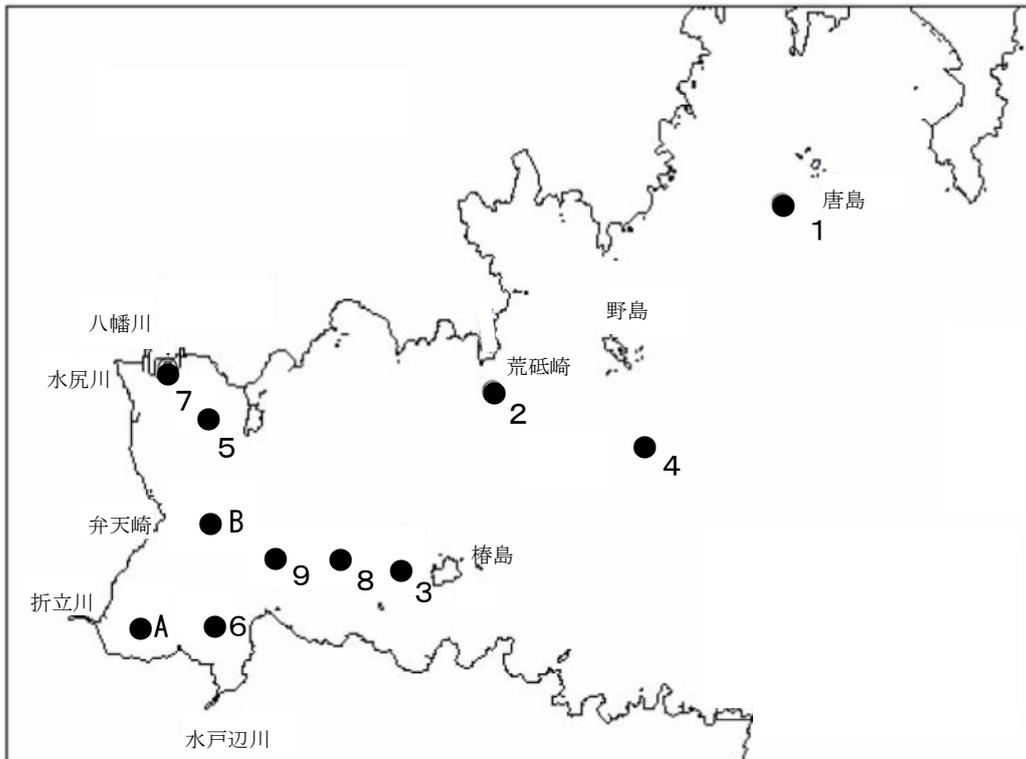
○調査日時 令和5年1月13日

○概要

- 1) 水温：表層で8.8～11.9℃，底層で9.8～11.6℃の範囲にあった。
- 2) 塩分：表層で33.3～34.1，底層で33.9～34.1の範囲にあった。
- 3) pH：8.11～8.18の範囲にあり，全点で水産用水基準（7.8～8.4）を満たしていた。
- 4) COD：0.1未満～2.2 mg/Lの範囲にあり，St.5大森の底層で水産用水基準（閉鎖性内湾：2 mg/L以下）を満たしていなかった。
- 5) DO：7.8～10.1 mg/Lの範囲にあり，全点で水産用水基準（6.0 mg/L以上）を満たしていた。
- 6) 無機栄養塩：各項目は以下の範囲内にあった。

| | |
|---------------------------------|-------------------|
| リン酸態リン (PO ₄ -P) : | 4.4 ～ 15.5 μg/L |
| アンモニア態窒素 (NH ₄ -N) : | 0.6 ～ 14.6 μg/L |
| 亜硝酸態窒素 (NO ₂ -N) : | 0.4 ～ 2.4 μg/L |
| 硝酸態窒素 (NO ₃ -N) : | 33.9 ～ 121.0 μg/L |
| (三態窒素※) | 41.4 ～ 137.3 μg/L |

※三態窒素とはアンモニア態窒素，亜硝酸態窒素，硝酸態窒素の合計です。



調査点図

○志津川湾水質調査結果

調査年月日：令和5年1月13日

| 観測地点 (底) | 時間 | 水深 (m) | 風向 風力 | 天候 雲量 | 透明度 (m) | pH | 水温 (°C) | 塩分 | DO (mg/L) | DO (%) | PO ₄ -P (μg/L) | NH ₄ -N (μg/L) | NO ₂ -N (μg/L) | NO ₃ -N (μg/L) | 三態窒素 (μg/L) | COD (mg/L) | 水色 |
|-------------------|-------|-----------|----------|----------|------------|------|------------|------|--------------|-----------|------------------------------|------------------------------|------------------------------|------------------------------|----------------|---------------|-------|
| S t. 1 唐島 | 9:00 | 0 | SW | 晴 | 16.0 | 8.12 | 11.9 | 34.1 | 8.4 | 95.0 | 8.0 | 5.4 | 2.3 | 118.2 | 125.9 | 0.6 | 7ナリ04 |
| | | 5 | 1 | 5 | | 8.15 | 11.9 | 34.1 | 8.5 | 95.2 | 7.5 | 2.9 | 2.0 | 105.6 | 110.5 | 0.6 | |
| | | 10 | | | | 8.16 | 11.9 | 34.1 | 8.5 | 95.2 | 8.2 | 0.7 | 2.2 | 113.4 | 116.3 | 0.6 | |
| (33m) | 底-1 | | | | 8.17 | 11.6 | 34.1 | 8.7 | 97.4 | 8.6 | 7.2 | 2.2 | 57.9 | 67.3 | 0.5 | | |
| S t. 2 荒砥 | 8:43 | 0 | W | 晴 | 15.0 | 8.14 | 11.7 | 34.1 | 8.8 | 98.2 | 7.6 | 6.0 | 2.2 | 105.9 | 114.1 | <0.1 | 7ナリ05 |
| | | 5 | 1 | 1 | | 8.15 | 11.7 | 34.1 | 8.8 | 98.7 | 7.4 | 6.5 | 2.3 | 67.3 | 76.1 | <0.1 | |
| | | 10 | | | | 8.15 | 11.7 | 34.1 | 8.7 | 97.4 | 7.8 | 5.2 | 1.9 | 98.4 | 105.5 | 0.5 | |
| (25m) | 底-1 | | | | 8.17 | 11.3 | 34.1 | 8.7 | 96.5 | 9.1 | 6.4 | 2.1 | 79.5 | 88.0 | 0.8 | | |
| S t. 3 椿島 | 9:35 | 0 | W | 晴 | 15.0 | 8.13 | 11.2 | 34.1 | 8.7 | 97.1 | 10.1 | 8.3 | 2.0 | 110.2 | 120.5 | 0.5 | 7ナリ05 |
| | | 2.5 | 1 | 3 | | 8.18 | 11.2 | 34.1 | 8.8 | 97.5 | 8.3 | 7.7 | 2.0 | 88.8 | 98.5 | - | |
| | | 5 | | | | 8.17 | 11.2 | 34.1 | 8.8 | 97.2 | 7.4 | 5.5 | 1.9 | 93.3 | 100.7 | 0.5 | |
| (25m) | 10 | 0 | | | | 8.16 | 11.1 | 34.1 | 8.8 | 97.0 | 6.3 | 4.6 | 1.5 | 99.7 | 105.8 | 0.3 | |
| | | 底-1 | | | | 8.14 | 10.5 | 34.0 | 8.8 | 96.6 | 6.3 | 7.4 | 1.1 | 100.0 | 108.5 | 0.6 | |
| | | 0 | W | 晴 | 15.0 | 8.15 | 11.8 | 11.8 | 34.1 | 8.5 | 95.9 | 9.0 | 7.1 | 2.4 | 120.2 | 129.7 | 0.5 |
| S t. 4 作根 | 9:20 | 2.5 | 1 | 4 | | 8.14 | 11.8 | 34.1 | 8.5 | 95.9 | 8.2 | 4.9 | 1.8 | 101.0 | 107.7 | - | |
| | | 5 | | | | 8.14 | 11.8 | 34.1 | 8.5 | 96.0 | 8.0 | 3.9 | 1.8 | 98.5 | 104.2 | 0.3 | |
| | | 10 | | | | 8.13 | 11.8 | 34.1 | 8.5 | 95.9 | 7.6 | 0.6 | 1.7 | 102.8 | 105.1 | 0.5 | |
| (25m) | 底-1 | | | | 8.14 | 10.6 | 34.0 | 8.9 | 97.0 | 9.7 | 11.5 | 1.9 | 90.9 | 104.3 | 0.3 | | |
| S t. 5 大森 | 10:45 | 0 | E | 晴 | 5.0 | 8.14 | 10.4 | 33.9 | 9.4 | 102.1 | 7.0 | 5.8 | 1.2 | 93.6 | 100.6 | 0.3 | 7ナリ07 |
| | | 2.5 | 1 | 3 | | 8.15 | 10.2 | 33.9 | 9.3 | 101.4 | 4.4 | 5.6 | 0.6 | 111.3 | 117.5 | - | |
| | | 5 | | | | 8.14 | 10.1 | 33.9 | 9.2 | 100.2 | 5.2 | 5.1 | 0.7 | 93.4 | 99.2 | 0.3 | |
| (8m) | 底-1 | | | | 8.14 | 10.1 | 33.9 | 9.3 | 101.3 | 7.3 | 7.6 | 1.5 | 89.1 | 98.2 | 2.2 | | |
| S t. 6 戸倉出張所前 | 10:09 | 0 | W | 晴 | 6.0 | 8.17 | 9.7 | 33.8 | 9.5 | 101.7 | 5.8 | 6.1 | 0.9 | 86.2 | 93.2 | 0.3 | 7ナリ05 |
| | | 1 | 1 | 4 | | 8.17 | 9.8 | 33.8 | 9.5 | 102.8 | 4.6 | 6.1 | 0.4 | 96.0 | 102.5 | 0.3 | |
| | | 5 | | | | 8.17 | 9.8 | 33.9 | 9.0 | 97.0 | 6.3 | 5.5 | 0.8 | 73.0 | 79.3 | 0.5 | |
| (7m) | 底-1 | | | | 8.17 | 9.8 | 33.9 | 9.7 | 105.1 | 6.4 | 4.3 | 0.6 | 72.2 | 77.1 | 0.6 | | |
| S t. 7 魚市場 | 10:37 | 0 | S | 晴 | 8.0 | 8.16 | 8.8 | 33.3 | 9.6 | 100.7 | 15.4 | 12.0 | 1.6 | 49.8 | 63.4 | 0.5 | 7ナリ05 |
| | | 1 | 1 | 8 | | 8.15 | 9.1 | 33.5 | 9.5 | 100.3 | 15.5 | 14.6 | 1.7 | 121.0 | 137.3 | 0.2 | |
| | | 5 | | | | 8.15 | 10.2 | 33.9 | 9.2 | 99.7 | 9.6 | 6.3 | 1.2 | 33.9 | 41.4 | 0.5 | |
| (6.5m) | 底-1 | | | | 8.16 | 10.2 | 33.9 | 8.5 | 92.4 | 9.1 | 6.8 | 1.0 | 88.3 | 96.1 | 0.3 | | |
| S t. 8 志津川ギンザケ | 9:45 | 0 | SW | 晴 | 13.0 | 8.11 | 11.1 | 34.1 | 8.8 | 98.0 | 7.9 | 4.7 | 1.8 | 109.8 | 116.3 | 0.5 | 7ナリ04 |
| | | 2.5 | 1 | 2 | | 8.15 | 11.1 | 34.1 | 8.8 | 97.1 | 9.3 | 9.2 | 2.1 | 58.4 | 69.7 | - | |
| | | 5 | | | | 8.15 | 11.1 | 34.1 | 8.8 | 97.8 | 8.6 | 5.2 | 1.8 | 83.4 | 90.4 | 0.5 | |
| (20m) | 10 | 0 | | | | 8.13 | 10.9 | 34.1 | 8.8 | 97.5 | 6.4 | 8.0 | 1.2 | 109.7 | 118.9 | 0.3 | |
| | | 底-1 | | | | 8.13 | 10.3 | 34.0 | 8.9 | 97.5 | 9.4 | 9.6 | 2.1 | 46.9 | 58.6 | 0.3 | |
| | | 0 | W | 快晴 | 13.0 | 8.14 | 10.9 | 10.9 | 34.1 | 8.8 | 97.6 | 9.2 | 7.9 | 2.4 | 51.5 | 61.8 | 0.3 |
| S t. 9 戸倉ギンザケ | 9:58 | 2.5 | 1 | 0 | | 8.14 | 10.8 | 34.1 | 9.0 | 98.6 | 8.1 | 7.3 | 1.9 | 97.1 | 106.3 | - | |
| | | 5 | | | | 8.16 | 10.7 | 34.0 | 9.0 | 98.9 | 7.9 | 7.5 | 1.8 | 86.9 | 96.2 | 0.3 | |
| | | 10 | | | | 8.16 | 10.5 | 34.0 | 8.9 | 97.9 | 8.0 | 6.4 | 1.7 | 92.6 | 100.7 | 0.3 | |
| (20m) | 底-1 | | | | 8.14 | 10.2 | 34.0 | 9.0 | 98.0 | 8.5 | 10.2 | 1.6 | 88.7 | 100.5 | 0.5 | | |
| S t. A 折立 | 10:20 | 0 | W | 晴 | 5.0 | 8.16 | 10.1 | 33.6 | 8.7 | 94.8 | 9.0 | 9.7 | 1.1 | 88.3 | 99.1 | 0.3 | 7ナリ07 |
| | | 5 | 1 | 8 | | - | - | - | - | - | - | - | - | - | - | - | |
| | | 底-1 | | | | 8.18 | 9.9 | 34.0 | 7.8 | 84.8 | 7.4 | 7.5 | 0.9 | 45.7 | 54.1 | 0.3 | |
| S t. B 弁天 | 10:28 | 0 | S | 晴 | 10.0 | 8.17 | 9.6 | 33.5 | 10.1 | 108.1 | 7.0 | 5.9 | 0.9 | 92.9 | 99.7 | 0.2 | 7ナリ06 |
| | | 5 | 1 | 8 | | 8.18 | 10.5 | 34.0 | 9.2 | 100.3 | 8.5 | 8.4 | 1.7 | 92.4 | 102.5 | 0.3 | |
| | | 底-1 | | | | 8.16 | 10.2 | 33.9 | 9.3 | 101.6 | 8.1 | 8.3 | 1.6 | 90.7 | 100.6 | 0.3 | |