# ORGANISMO NACIONAL DE SANIDAD PESQUERA

## SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

**Concesiones de Cultivo de *Argopecten purpuratus* "concha de abanico"**

**Departamentos de Ancash / Zonas: 002 Guaynuna**

Monitoreo de Fitoplancton Potencialmente Tóxico

Reporte de Análisis Cuantitativo de Fitoplancton (Nº cel/L)

**SETIEMBRE 2016**

| ZONAS | 002-GUA-01 GUAYNUNA 2 | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N° MONITOREO | 37 | | | | | | 38 | | | | | | 39 | | | | | | 40 | | | | | |
| SEMANA | 04/09/2016 al 10/09/2016 | | | | | | 11/09/2016 al 17/09/2016 | | | | | | 18/09/2016 al 24/09/2016 | | | | | | 25/09/2016 al 01/10/2016 | | | | | |
| FECHA DE MONITOREO | 10/09/2016 | | | | | | 16/09/2016 | | | | | | 24/09/2016 | | | | | | 30/09/2016 | | | | | |
| ESTACION | 02-D-GUA | | | 02-E-GUA | | | 02-D-GUA | | | 02-E-GUA | | | 02-D-GUA | | | 02-E-GUA | | | 02-D-GUA | | | 02-E-GUA | | |
| PROFUNDIDAD (m) | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 | 0-5 | 5-10 | 10-15 |
| TEMPERATURA (ºC) | 19.3 | 17.0 | 16.6 | 18.2 | 17.3 | 16.5 | 21.2 | 19.1 | 18.3 | 20.8 | 18.4 | 17.4 | 19.6 | 19.4 | 18.9 | 18.1 | 17.9 | 17.2 | 17.2 | 17 | 16.3 | 16.7 | 17 | 16.4 |
| **DIATOMEAS** | | | | | | | | | | | | | | | | | | | | | | | | |
| Grupo *Pseudo-nitzschia delicatissima* | 400 | 800 | 0 | 780 | 160 | 240 | 320 | 1120 | 0 | 560 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1200 | 1120 | 920 | 1280 | 1160 | 840 |
| Grupo *Pseudo-nitzschia seriata* | 3000 | 3600 | 2160 | 600 | 720 | 2600 | 1560 | 0 | 0 | 1200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 720 | 600 | 280 | 480 | 480 | 280 |
| **DINOFLAGELADOS** | | | | | | | | | | | | | | | | | | | | | | | | |
| *Alexandrium minutum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Alexandrium monilatum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Alexandrium ostenfeldii* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Alexandrium peruvianum* | 40 | 80 | 40 | 120 | 40 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Alexandrium* sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Azadinium spinosum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Cochlodinium polykrikoides* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Dinophysis acuminata* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Dinophysis caudata* | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Dinophysis rotundata* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Dinophysis tripos* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Gonyaulax spinifera* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Karenia* sp. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Karlodinium* cf. *veneficum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Lingulodinium polyedrum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Prorocentrum lima* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Prorocentrum minimum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 40 | 40 | 200 | 200 | 40 |
| *Protoceratium reticulatum* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Protoperidinium crassipes* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 |
| **FITOFLAGELADOS** | | | | | | | | | | | | | | | | | | | | | | | | |
| *Heterosigma akashiwo* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

S/M: Sin Monitoreo

Fuente: Entidad de Apoyo ACUILAB S.A.