



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)

ABRIL 2016



ZONAS	002-GUA-01 GUAYNUNA 1																										
Nº MONITOREO	15															16											
SEMANA	03/04/2016 al 09/04/2016															10/04/2016 al 16/04/2016											
FECHA DE MONITOREO	04/04/2016									09/04/2016									15/04/2016								
ESTACION	01-A-GUA			01-B-GUA			01-C-GUA			01-A-GUA			01-B-GUA			01-C-GUA			01-A-GUA			01-B-GUA			01-C-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	0-5	5-10	10-15
TEMPERATURA SUPERFICIAL (°C)	20.9	19.0	18.2	20.8	18.9	18.1	21.2	19.1	18.2	20.2	18.2	17.8	19.5	18.2	17.8	19.7	18.3	17.8	19.6	18.6	17.5	19.4	18.6	18.3	18.5	18.2	18.0
DIATOMEAS																											
Grupo <i>Pseudo-nitzschia delicatissima</i>	15360	5920	1600	6960	4560	1680	6960	4960	1920	36800	27200	3360	10320	10240	600	27200	25440	8240	25280	61440	33440	124800	55840	64960	51120	91200	90000
Grupo <i>Pseudo-nitzschia seriata</i>	58640	14160	3680	31040	10160	4240	55040	17040	9920	71840	19840	3680	25600	4720	1760	46000	41920	26320	99680	74320	2800	58400	21360	14800	36240	72080	35760
DINOFLAGELADOS																											
<i>Alexandrium minutum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium monilatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostentfeldii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium peruvianum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0
<i>Azadinium spinosum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cochlodinium polykrikoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis caudata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	0	0	0	0	0	0	120	40
<i>Dinophysis rotundata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spinifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia</i> 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	0	0	0
<i>Karlodinium</i> cf. <i>veneficum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lingulodinium polyedrum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum lima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum minimum</i>	1400	80	40	1400	40	40	1400	400	200	3600	80	40	920	0	0	80	320	80	2280	80	0	200	120	80	120	40	40
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0
FITOFLAGELADOS																											
<i>Heterosigma akashiwo</i>	0	0	0	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.



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ABRIL 2016



ZONAS	002-GUA-01 GUAYNUNA 1																	
N° MONITOREO	17									18								
SEMANA	17/04/2016 al 23/04/2016									24/04/2016 al 30/04/2016								
FECHA DE MONITOREO	22/04/2016									----								
ESTACION	01-A-GUA			01-B-GUA			01-C-GUA			01-A-GUA			01-B-GUA			01-C-GUA		
PROFUNDIDAD (m)	0-5	5-10	10-15	0-5	5-10	10-15	0-5	5-10	10-15	----	----	----	----	----	----	----	----	----
TEMPERATURA (°C)	19.2	17.6	16.7	18.8	17.2	16.9	18.6	17.3	17.0	----	----	----	----	----	----	----	----	----
DIATOMEAS																		
Grupo <i>Pseudo-nitzschia delicatissima</i>	2880	4160	5440	9520	3880	1680	25280	61440	33440	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
Grupo <i>Pseudo-nitzschia seriata</i>	18960	23200	6080	37200	25440	11360	99680	74320	28000	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
DINOFAGELADOS																		
<i>Alexandrium minutum</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Alexandrium monilatum</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Alexandrium ostenfeldii</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Alexandrium peruvianum</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Alexandrium</i> sp.	0	0	0	0	0	0	0	80	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Azadinium spinosum</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Cochlodinium polykrikoides</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Dinophysis acuminata</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Dinophysis caudata</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Dinophysis rotundata</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Dinophysis tripos</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Gonyaulax spinifera</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Karenia</i> sp.	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Karlodinium</i> cf. <i>veneficum</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Lingulodinium polyedrum</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Prorocentrum lima</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Prorocentrum minimum</i>	80	40	40	40	0	0	2280	80	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Protoceratium reticulatum</i>	0	0	0	40	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Protoperidinium crassipes</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
FITOFAGELADOS																		
<i>Heterosigma akashiwo</i>	0	0	0	0	0	0	0	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M

S/M: Sin Monitoreo

Fuente: Entidad de Apoyo ACUILAB S.A.