



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)

MARZO 2016



ZONAS	002-GUA-01 GUAYNUNA 1																										
N° MONITOREO	10									11									12								
SEMANA	28/02/2016 al 05/03/2016									06/03/2016 al 12/03/2016									13/03/2016 al 19/03/2016								
FECHA DE MONITOREO	----									11/03/2016									19/03/2016								
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
TEMPERATURA SUPERFICIAL (°C)	----	----	----	----	----	----	----	----	----	21.0	19.7	18.9	20.2	19.5	18.9	20.0	19.8	19.5	20.9	19.6	18.4	20.8	19.5	18.7	20.0	19.1	18.6
DIATOMEAS																											
Grupo <i>Pseudo-nitzschia delicatissima</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	1320	1640	1360	1080	920	1800	1920	2160	1400	1520	4960	1800	2760	5520	1760	9840	4480	3280
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	10240	2280	320	4480	960	160	1600	1160	520	3040	1200	320	1320	294054	267916	880	360	720
DINOFLAGELADOS																											
<i>Alexandrium minutum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium monilatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium ostenfeldii</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium peruvianum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Alexandrium</i> sp.	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Azadinium spinosum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Cochlodinium polykrikoides</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis acuminata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis caudata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis rotundata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis tripos</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Gonyaulax spinifera</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Karenia</i> sp.	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	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>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Lingulodinium polyedrum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum lima</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum minimum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	199303	5360	320	261381	4800	640	15360	640	560	3675672	106560	11440	418210	294054	267916	101285	16400	960
<i>Protoceratium reticulatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium crassipes</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0
FITOFLAGELADOS																											
<i>Heterosigma akashiwo</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	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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MARZO 2016



ZONAS	002-GUA-01 GUAYNUNA 1																	
N° MONITOREO	13									14								
SEMANA	20/03/2016 al 26/03/2016									27/03/2016 al 02/04/2016								
FECHA DE MONITOREO	26/03/2016																	
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 SUPERFICIAL (°C)	20.2	18.8	18.6	20.3	18.8	18.4	20.7	18.7	18.4	---	---	---	---	---	---	---	---	---
DIATOMEAS																		
Grupo <i>Pseudo-nitzschia delicatissima</i>	14800	2280	1920	5600	1920	1560	4960	1920	400	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
Grupo <i>Pseudo-nitzschia seriata</i>	31040	15520	9280	13920	5360	2040	14240	4160	80	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
DINOFLAGELADOS																		
<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	0	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>	17040	1400	680	2840	360	40	32640	40	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	0	0	0	40	0	0	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M
<i>Protoperdinium crassipes</i>	0	40	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
FITOFLAGELADOS																		
<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.