



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 (N° cel/L)

FEBRERO 2016



SANIPES
Organismo Nacional de
Sanidad Pesquera

ZONAS	002-GUA-01 GUAYNUNA 1																										
N° MONITOREO	06									07																	
SEMANA	31/01/2016 al 06/02/2016									07/02/2016 al 13/02/2016																	
FECHA DE MONITOREO	-----									08/02/2016									13/02/2016								
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 (°C)	---	---	---	---	---	---	---	---	---	20.9	19.2	19.0	20.8	19.1	18.9	20.0	19.3	19.1	21.9	20.7	19.7	21.6	20.6	19.6	21.5	20.7	19.6
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	4480	2440	720	1120	800	280	960	560	240	1080	3080	4160	1920	8560	7040	2000	6080	5120
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	480	520	920	1480	200	80	320	240	80	10240	13680	6000	5440	13600	6400	16000	15040	12160
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	40	0	0	0	0	0	40	0	0	1680	440	160	440	40	0	560	80	0
<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>Protoperidinium crassipes</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	40	0	0	80	0	0	0	40	0	0	0	0	0	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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FEBRERO 2016



ZONAS	002-GUA-01 GUAYNUNA 1																	
Nº MONITOREO	08									09								
SEMANA	14/02/2016 al 20/02/2016									21/02/2016 al 27/02/2016								
FECHA DE MONITOREO	19/02/2016									26/02/2016								
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	0-5	5-10	10-15	0-5	5-10	10-15	0-5	5-10	10-15
TEMPERATURA (°C)	22.0	20.6	19.7	21.6	20.4	19.7	21.3	20.1	19.6	21.4	19.7	18.7	21.1	19.5	18.7	22.3	19.7	18.7
DIATOMEAS																		
Grupo <i>Pseudo-nitzschia delicatissima</i>	1160	680	560	1840	880	240	1480	1120	1080	19120	8800	4240	8160	6720	2240	5840	4320	480
Grupo <i>Pseudo-nitzschia seriata</i>	44080	34960	32320	27680	16480	11120	64240	29920	20000	27040	11520	12880	23840	6160	4680	20880	7360	2960
DINOFITOPLANCTON																		
<i>Alexandrium minutum</i>	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
<i>Alexandrium ostenfeldii</i>	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
<i>Alexandrium</i> sp.	0	0	0	0	0	0	0	0	0	0	0	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
<i>Cochlodinium polykrikoides</i>	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
<i>Dinophysis caudata</i>	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Dinophysis rotundata</i>	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
<i>Gonyaulax spinifera</i>	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
<i>Karlodinium cf. veneficum</i>	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
<i>Prorocentrum lima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Prorocentrum minimum</i>	120	40	0	120	0	0	80	0	0	640	200	40	840	600	480	320	80	0
<i>Protoceratium reticulatum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Protoperdinium crassipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FITOFITOPLANCTON																		
<i>Heterosigma akashiwo</i>	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.