

ORGANISMO NACIONAL DE SANIDAD PESQUERA

SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico

Departamento de Piura: Zona 012 Bahía Sechura

Análisis Cuantitativo de Fitoplancton (N° cel/L)

1ra Semana



Semana: 01 al 07 de marzo de 2015

Fecha: 07 de marzo de 2015

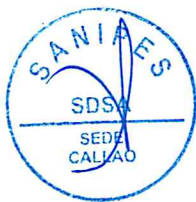
ZONAS	012 BAHIA DE SECHURA														
AREAS	SAN PABLO	SAN PEDRO	PLAYA CHUYILLACHI	CHUYILLACHI		MATACABALLO		CONSTANTE		LAS DELICIAS		PARACHIQUE		BARRANCOS	PUERTO RICO
ESTACION	01-A-SECH	02-A-SECH	03-A-SECH	04-A-SECH		05-C-SECH**		06-A-SECH**		07-B-SECH**		08-C-SECH**		09-A-SECH**	11-A-SECH
PROFUNDIDAD (m)	....	....	....	....	....	....	....	....	....	....	....	0-5	5-10	0-5	....
TEMPERATURA (°C)	....	....	....	....	....	....	....	....	....	....	....	20.6	19.1	25.0	....
DIATOMEAS															
Grupo <i>Pseudo-nitzschia delicatissima</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	720	320	440	S/M
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	80	160	240	S/M
DINOFLAGELADOS															
<i>Alexandrium minutum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Alexandrium monilatum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Alexandrium ostenfeldii</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Alexandrium peruvianum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Alexandrium</i> sp.	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Azadinium spinosum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Cochlodinium polykrikoides</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Dinophysis acuminata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	40	0	40	S/M
<i>Dinophysis caudata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	40	S/M
<i>Dinophysis rotundata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	40	S/M
<i>Dinophysis tripos</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Gonyaulax spinifera</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Karenia</i> sp.	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Karlodinium</i> cf. <i>veneficum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Lingulodinium polyedrum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Prorocentrum lima</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Prorocentrum minimum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Protoceratium reticulatum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M
<i>Protoperdinium crassipes</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	80	0	0	S/M
FITOFLAGELADOS															
<i>Heterosigma akashiwo</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	0	0	0	S/M

S/M: Sin Monitoreo

MD: Muestra Deteriorada

Fuente: * Entidad de Apoyo CERPER S.A.

** Entidad de Apoyo ACUILAB S.A.



ORGANISMO NACIONAL DE SANIDAD PESQUERA

SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico

Departamento de Piura: Zona 012 Bahía Sechura

Análisis Cuantitativo de Fitoplancton (N° cel/L)

2da Semana



Semana: 08 al 14 de marzo de 2015

ZONAS	012 BAHIA DE SECHURA										
AREAS	SAN PABLO	SAN PEDRO	PLAYA CHUYILLACHI	CHUYILLACHI	MATACABALLO	CONSTANTE	LAS DELICIAS	PARACHIQUE	BARRANCOS	VICHAYO	PUERTO RICO
ESTACION	01-A-SECH	02-A-SECH	03-A-SECH	04-A-SECH	05-C-SECH**	06-A-SECH**	07-B-SECH**	08-C-SECH**	09-A-SECH**	10-C-SECH**	11-A-SECH
PROFUNDIDAD (m)	....	....	....	....	....	....	....	....	....	....	....
TEMPERATURA (°C)	....	....	....	....	....	....	....	....	....	....	....
DIATOMEAS											
Grupo <i>Pseudo-nitzschia delicatissima</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
DINOFLAGELADOS											
<i>Alexandrium minutum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Alexandrium monilatum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Alexandrium ostenfeldii</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Alexandrium peruvianum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Alexandrium</i> sp.	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Azadinium spinosum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Cochlodinium polykrikoides</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Dinophysis acuminata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Dinophysis caudata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Dinophysis rotundata</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Dinophysis tripos</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Gonyaulax spinifera</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Karenia</i> sp.	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Karlodinium</i> cf. <i>veneficum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Lingulodinium polyedrum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Prorocentrum lima</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Prorocentrum minimum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Protoceratium reticulatum</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
<i>Protoperdinium crassipes</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M
FITOFLAGELADOS											
<i>Heterosigma akashiwo</i>	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	S/M

S/M: Sin Monitoreo

MD: Muestra Deteriorada

Fuente: * Entidad de Apoyo CERPER S.A.

** Entidad de Apoyo ACUILAB S.A.



ORGANISMO NACIONAL DE SANIDAD PESQUERA

SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico
Departamento de Piura: Zona 012 Bahía Sechura

Análisis Cuantitativo de Fitoplancton (N° cel/L)
3ra Semana



Semana: 15 al 21 de marzo de 2015

ZONAS	012 BAHÍA DE SECHURA																
AREAS	SAN PABLO	SAN PEDRO	PLAYA CHUYILLACHI	CHUYILLACHI	MATA CABALLO			CONSTANTE	LAS DELICIAS		PARACHIQUE		BARRANCOS		VICHAYO		PUERTO RICO
ESTACION	01-A-SECH	02-A-SECH	03-A-SECH	04-A-SECH	05-C-SECH			06-A-SECH	07-B-SECH**		08-C-SECH**		09-A-SECH**		10-C-SECH**		11-A-SECH
PROFUNDIDAD (m)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
TEMPERATURA (°C)	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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	MD	MD	MD	MD	MD	MD	MD	S/M
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
DINOFLAGELADOS																	
<i>Alexandrium minutum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Alexandrium monilatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Alexandrium ostenfeldii</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Alexandrium peruvianum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Alexandrium</i> sp.	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Azadinium spinosum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Cochlodinium polykrikoides</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Dinophysis acuminata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Dinophysis caudata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Dinophysis rotundata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Dinophysis tripos</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Gonyaulax spinifera</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Karenia</i> sp.	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<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	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Lingulodinium polyedrum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Prorocentrum lima</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Prorocentrum minimum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Protoceratium reticulatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
<i>Protoperdinium crassipes</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M
FITOFLAGELADOS																	
<i>Heterosigma akashiwo</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	MD	MD	MD	MD	MD	MD	MD	S/M

S/M: Sin Monitoreo

MD: Muestra Deteriorada

Fuente: * Entidad de Apoyo CERPER S.A.

** Entidad de Apoyo ACUILAB S.A.



ORGANISMO NACIONAL DE SANIDAD PESQUERA

SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico
Departamento de Piura: Zona 012 Bahía Sechura

Análisis Cuantitativo de Fitoplancton (N° cel/L)
4ta Semana



Semana: 22 al 28 de marzo de 2015

Fecha: 28 de marzo de 2015

ZONAS	012 BAHIA DE SECHURA															
AREAS	SAN PABLO	SAN PEDRO	PLAYA CHUYILLACHI	CHUYILLACHI	MATACABALLO	CONSTANTE	LAS DELICIAS	PARACHIQUE	BARRANCOS	VICHAYO	PUERTO RICO					
ESTACION	01-A-SECH	02-A-SECH	03-A-SECH	04-A-SECH	05-C-SECH	06-A-SECH	07-B-SECH*	08-C-SECH*	09-A-SECH*	10-C-SECH*	11-A-SECH					
PROFUNDIDAD (m)	....	....	....	....	....	....	0-3	3-8	0-3	3-8	0-7	0-6	....	....	....	....
TEMPERATURA (°C)	....	....	....	....	....	....	25.8	23.0	26.2	22.7	23.0	22.7	....	....	....	....
DIATOMEAS																
Grupo <i>Pseudo-nitzschia delicatissima</i>	S/M	S/M	S/M	S/M	S/M	S/M	2240	80	2720	80	880	7360	S/M	S/M	S/M	S/M
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
DINOFLAGELADOS																
<i>Alexandrium minutum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Alexandrium monilatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Alexandrium ostenfeldii</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Alexandrium peruvianum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Alexandrium sp.</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Azadinium spinosum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Cochlodinium polykrikoides</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Dinophysis acuminata</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	40	80	0	0	0	S/M	S/M	S/M	S/M
<i>Dinophysis caudata</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	40	0	0	80	80	S/M	S/M	S/M	S/M
<i>Dinophysis rotundata</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Dinophysis tripos</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Gonyaulax spinifera</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Karenia sp.</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Karlodinium cf. veneficum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Lingulodinium polyedrum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Prorocentrum lima</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Prorocentrum minimum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Protoceratium reticulatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
<i>Protoperdinium crassipes</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M
FITOFLAGELADOS																
<i>Heterosigma akashiwo</i>	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0	S/M	S/M	S/M	S/M

S/M: Sin Monitoreo

MD: Muestra Deteriorada

Fuente: * Entidad de Apoyo CERPER S.A.

** Entidad de Apoyo ACUILAB S.A.



ORGANISMO NACIONAL DE SANIDAD PESQUERA

SUB DIRECCIÓN DE SUPERVISIÓN ACUÍCOLA

Monitoreo de Fitoplancton Potencialmente Tóxico
Departamento de Piura: Zona 012 Bahía Sechura

Análisis Cuantitativo de Fitoplancton (N° cel/L)
5ta Semana



Semana: 29 de marzo al 04 de abril de 2015

Fecha: 01 y 04 de abril de 2015

ZONAS	012 BAHIA DE SECHURA																
AREAS	SAN PABLO	SAN PEDRO	PLAYA CHUYILLACHI	CHUYILLACHI	MATA CABALLO			CONSTANTE		LAS DELICIAS		PARACHIQUE		BARRANCOS	VICHAYO	PUERTO RICO	
ESTACION	01-A-SECH	02-A-SECH	03-A-SECH	04-A-SECH	05-C-SECH			06-A-SECH		07-B-SECH*		08-C-SECH*		09-A-SECH*	10-C-SECH*	11-A-SECH**	
PROFUNDIDAD (m)	....	....	....	....	....	....	....	....	....	0-3	3-8	0-3	3-8	0-5	0-5	0-5	0-5
TEMPERATURA (°C)	....	....	....	....	....	....	....	....	....	21.1	19.1	21.0	20.1	20.0	18.3	21.7	20.8
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	S/M	S/M	9480	320	5840	2880	1840	480
Grupo <i>Pseudo-nitzschia seriata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0
DINOFLAGELADOS																	
<i>Alexandrium minutum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	0	0	0	40	0	0
<i>Dinophysis caudata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	80	0	0
<i>Dinophysis rotundata</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	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	S/M	S/M	80	40	0	0	0	40
<i>Protoceratium reticulatum</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	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	S/M	S/M	0	40	0	40	0	40
FITOFLAGELADOS																	
<i>Heterosigma akashiwo</i>	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	S/M	0	0	0	0	0	0

S/M: Sin Monitoreo

MD: Muestra Deteriorada

Fuente: * Entidad de Apoyo CERPER S.A.

** Entidad de Apoyo ACUILAB S.A.