



DEPARTAMENTO LABORATORIO
INFORME TRIMESTRAL AREA AGUAS
ANÁLISIS FÍSICOQUÍMICO Y BACTERIOLÓGICO COMPLETO

PROCEDENCIA		GODOY CRUZ	GODOY CRUZ	GODOY CRUZ	GODOY CRUZ
IDENTIFICACION		S11-GODOY CRUZ	D19-GODOY CRUZ	S11-GODOY CRUZ	D19-GODOY CRUZ
PUNTO DE EXTRACCION		CANAL EL JARRILLAL ENTRADA E° BENEGAS	SALIDA RESERVA E° BENEGAS Calle P. Moreno y M. Curie	CANAL EL JARRILLAL ENTRADA E° BENEGAS	SALIDA RESERVA E° BENEGAS Calle P. Moreno y M. Curie
NUMERO DE ANALISIS		5442	5443	5883	5884
FECHA DE EXTRACCION		22/07/2020	22/07/2020	07/08/2020	07/08/2020
CIRCUITO		---	---	---	---
COLOR	UCV	---	---	---	---
TURBIEDAD	UNT	1.6	0.9	2.6	1.2
OLOR	-	---	---	---	---
pH	unidad de pH	7.9	7.9	8.1	8.0
CLORO LIBRE RESIDUAL (in situ)	mg/l	---	---	---	---
CLORO LIBRE RESIDUAL (en laboratorio)	mg/l	---	0.54	---	0.95
CONDUCTIVIDAD ESPECIFICA 25°C	µS/cm	920	920	930	930
DUREZA TOTAL (CO3Ca)	mg/l	---	---	---	---
ALCALINIDAD TOTAL (como CaCO3)	mg/l	---	---	---	---
CLORURO (Cl-)	mg/l	---	---	---	---
SULFATO (SO4=)	mg/l	---	---	---	---
NITRATOS (NO3-)	mg/l	---	---	---	---
NITRITOS (NO2-)	mg/l	---	---	---	---
AMONIO (NH4+)	mg/l	---	---	---	---
CALCIO (Ca++)	mg/l	---	---	---	---
MAGNESIO (Mg++)	mg/l	---	---	---	---
FLUOR (F-)	mg/l	---	---	---	---
BORO (B)	mg/l	---	---	---	---
CIANURO (CN-)	mg/l	---	---	---	---
Fósforo total (PO4-3)	mg/l	---	---	---	---
D.B.O. (5 días, 20°C)	mg/l	---	---	---	---
D.Q.O.	mg/l	---	---	---	---
SODIO	mg/l	---	---	---	---
POTASIO	mg/l	---	---	---	---
ARSENICO	mg/l	---	---	---	---
HIERRO	mg/l	---	---	---	---
CROMO	mg/l	---	---	---	---
CADMIO	mg/l	---	---	---	---
PLOMO	mg/l	---	---	---	---
COBRE	mg/l	---	---	---	---
ZINC	mg/l	---	---	---	---
MANGANESO	mg/l	---	---	---	---
SELENIO	mg/l	---	---	---	---
PLATA	mg/l	---	---	---	---
MERCURIO	mg/l	<0.001	<0.001	<0.001	<0.001
ALUMINIO	mg/l	---	---	---	---
BARIO	mg/l	---	---	---	---
CLORURO DE VINILO	µg/l	---	---	<1.0	<1.0
1,1-DICLOROETENO	µg/l	---	---	<0.3	<0.3
DICLOROMETANO	µg/l	---	---	<0.3	<0.3
1,2-DICLOROETENO	µg/l	---	---	<0.3	<0.3
CLOROFORMO	µg/l	---	---	<1.0	1.4
1,1,1-TRICLOROETANO	µg/l	---	---	<0.5	<0.5
1,2-DICLOROETANO	µg/l	---	---	<1.0	<1.0
BENCENO	µg/l	---	---	<2.0	<2.0
TETRACLORURO DE CARBONO	µg/l	---	---	<0.5	<0.5
TRICLOROETENO	µg/l	---	---	<0.5	<0.5
BROMODICLOROMETANO	µg/l	---	---	<1.0	2.1
TOLUENO	µg/l	---	---	<5.0	<5.0
DIBROMOCLOROMETANO	µg/l	---	---	<1.0	4.7
TETRACLOROETENO	µg/l	---	---	<0.5	<0.5
MONOCLOROBENCENO	µg/l	---	---	<2.0	<2.0
ETILBENCENO	µg/l	---	---	<5.0	<5.0
XILENOS	µg/l	---	---	<5.0	<5.0
BROMOFORMO	µg/l	---	---	<1.0	2.6
ESTIRENO	µg/l	---	---	<5.0	<5.0
1,4-DICLOROBENCENO	µg/l	---	---	<0.2	<0.2
1,2-DICLOROBENCENO	µg/l	---	---	<0.3	<0.3
TRICLOROBENCENOS	µg/l	---	---	<1.0	<1.0
TRIALOMETANOS (suma de fracciones)	Número Adimensional	---	---	<0.04	0.12
2,4,6-TRICLOROFENOL	µg/l	---	---	<1.0	<1.0
2,4-D (ac. 2,4-diclorofenoxiacético)	µg/l	---	---	<5.0	<5.0
HEXACLOROBENCENO	µg/l	---	---	<0.6	<0.6
PENTACLOROFENOL	µg/l	---	---	<2.0	<2.0
METIL PARATION	µg/l	---	---	<1.0	<1.0
LINDANO (g-HCH)	µg/l	---	---	<1.0	<1.0
HEPTACLORO y HEPTACLORO EPOXIDO	µg/l	---	---	<0.2	<0.2
MALATION	µg/l	---	---	<1.0	<1.0
PARATION	µg/l	---	---	<1.0	<1.0
ALDRIN y DIELDRIN	µg/l	---	---	<0.1	<0.1
CLORDANO (Isómeros Totales)	µg/l	---	---	<0.2	<0.2
DDT (Isómeros Totales)	µg/l	---	---	<1.0	<1.0
METOXICLORO	µg/l	---	---	<1.0	<1.0
BENZO(a)PIRENO	µg/l	---	---	<1.0	<1.0
FENOLES	µg/l C6H5OH	---	---	<1.0	<1.0
HIDROCARBUROS TOTALES	µg/l	---	---	<5.0	<5.0
Bacterias Aerobias Mesofilas Totales	u.f.c./ml	---	---	85	<1
Bacterias Coliformes Totales	NMP/100 ml	---	---	460	<2
Escherichia coli	NMP/100 ml	---	---	150	<2
GRUPO CEK	NMP/100 ml	---	---	310	<2
Pseudomonas aeruginosa	NMP/100 ml	---	---	<2	<2
Enterococos	NMP/100 ml	---	---	93	<2
Estafilococos	NMP/100 ml	---	---	---	---
CLOROFILA	mg/m³	---	---	---	---



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PROCEDENCIA		GODOY CRUZ	GODOY CRUZ	----	----
IDENTIFICACION		S11-GODOY CRUZ	D19-GODOY CRUZ	----	----
PUNTO DE EXTRACCION		CANAL EL JARRILLAL ENTRADA E° BENEGAS	SALIDA RESERVA E° BENEGAS - Calle P. Moreno y M. Curie	----	----
NUMERO DE ANALISIS		6532	6528	----	----
FECHA DE EXTRACCION		04/09/2020	04/09/2020	----	----
CIRCUITO		ZONA PLANTAS-COM	ZONA PLANTAS-COM	----	----
COLOR	UCV	<2	<2	----	----
TURBIEDAD	UNT	3.3	1.3	----	----
OLOR	-	N	N	----	----
pH	unidad de pH	8.0	7.8	----	----
CLORO LIBRE RESIDUAL (in situ)	mg/l	----	0.96	----	----
CLORO LIBRE RESIDUAL (en laboratorio)	mg/l	----	----	----	----
CONDUCTIVIDAD ESPECIFICA 25°C	µS/cm	980	940	----	----
DUREZA TOTAL (CO3Ca)	mg/l	361	357	----	----
ALCALINIDAD TOTAL (como CaCO3)	mg/l	82	83	----	----
CLORURO (Cl-)	mg/l	70	71	----	----
SULFATO (SO4=)	mg/l	294	291	----	----
NITRATOS (NO3-)	mg/l	0.7	3.0	----	----
NITRITOS (NO2-)	mg/l	<0.03	<0.03	----	----
AMONIO (NH4+)	mg/l	<0.05	<0.05	----	----
CALCIO (Ca++)	mg/l	116	116	----	----
MAGNESIO (Mg++)	mg/l	17	16	----	----
FLUOR (F-)	mg/l	0.4	0.5	----	----
BORO (B)	mg/l	----	----	----	----
CIANURO (CN-)	mg/l	----	----	----	----
Fósforo total (PO4-3)	mg/l	0.05	----	----	----
D.B.O. (5 días, 20°C)	mg/l	<2	----	----	----
D.Q.O.	mg/l	<2	----	----	----
SODIO	mg/l	57	57	----	----
POTASIO	mg/l	3	3	----	----
ARSENICO	mg/l	<0.010	<0.010	----	----
HIERRO	mg/l	0.16	<0.05	----	----
CROMO	mg/l	<0.010	<0.010	----	----
CADMIO	mg/l	<0.001	<0.001	----	----
PLOMO	mg/l	<0.010	<0.010	----	----
COBRE	mg/l	<0.01	<0.01	----	----
ZINC	mg/l	<0.01	<0.01	----	----
MANGANESO	mg/l	<0.01	<0.01	----	----
SELENIO	mg/l	<0.005	<0.005	----	----
PLATA	mg/l	<0.01	<0.01	----	----
MERCURIO	mg/l	<0.001	<0.001	----	----
ALUMINIO	mg/l	<0.2	<0.2	----	----
BARIO	mg/l	<0.7	<0.7	----	----
CLORURO DE VINILO	µg/l	<1.0	<1.0	----	----
1,1-DICLOROETENO	µg/l	<0.3	<0.3	----	----
DICLOROMETANO	µg/l	<0.3	<0.3	----	----
1,2-DICLOROETENO	µg/l	<0.3	<0.3	----	----
CLOROFORMO	µg/l	<1.0	<1.0	----	----
1,1,1-TRICLOROETANO	µg/l	<0.5	<0.5	----	----
1,2-DICLOROETANO	µg/l	<1.0	<1.0	----	----
BENCENO	µg/l	<2.0	<2.0	----	----
TETRACLORURO DE CARBONO	µg/l	<0.5	<0.5	----	----
TRICLOROETENO	µg/l	<0.5	<0.5	----	----
BROMODICLOROMETANO	µg/l	<1.0	<1.0	----	----
TOLUENO	µg/l	<5.0	<5.0	----	----
DIBROMOCLOROMETANO	µg/l	<1.0	1.8	----	----
TETRACLOROETENO	µg/l	<0.5	<0.5	----	----
MONOCLOROBENCENO	µg/l	<2.0	<2.0	----	----
ETILBENCENO	µg/l	<5.0	<5.0	----	----
XILENOS	µg/l	<5.0	<5.0	----	----
BROMOFORMO	µg/l	<1.0	1.3	----	----
ESTIRENO	µg/l	<5.0	<5.0	----	----
1,4-DICLOROBENCENO	µg/l	<0.2	<0.2	----	----
1,2-DICLOROBENCENO	µg/l	<0.3	<0.3	----	----
TRICLOROBENCENOS	µg/l	<1.0	<1.0	----	----
TRIALOMETANOS (suma de fracciones)	Número Adimensional	<0.04	0.04	----	----
2,4,6-TRICLOROFENOL	µg/l	<1.0	<1.0	----	----
2,4-D (ac. 2,4-diclorofenoxiacético)	µg/l	<5.0	<5.0	----	----
HEXACLOROBENCENO	µg/l	<0.6	<0.6	----	----
PENTACLOROFENOL	µg/l	<2.0	<2.0	----	----
METIL PARATION	µg/l	<1.0	<1.0	----	----
LINDANO (g-HCH)	µg/l	<1.0	<1.0	----	----
HEPTACLORO y HEPTACLORO EPOXIDO	µg/l	<0.2	<0.2	----	----
MALATION	µg/l	<1.0	<1.0	----	----
PARATION	µg/l	<1.0	<1.0	----	----
ALDRIN y DIELDRIN	µg/l	<0.1	<0.1	----	----
CLORDANO (Isómeros Totales)	µg/l	<0.2	<0.2	----	----
DDT (Isómeros Totales)	µg/l	<1.0	<1.0	----	----
METOXICLORO	µg/l	<1.0	<1.0	----	----
BENZO(a)PIRENO	µg/l	<1.0	<1.0	----	----
FENOLES	µg/l C6H5OH	<1.0	<1.0	----	----
HIDROCARBUROS TOTALES	µg/l	<5.0	<5.0	----	----
Bacterias Aerobias Mesofilas Totales	u.f.c./ml	100	<1	----	----
Bacterias Coliformes Totales	NMP/100 ml	1100	<2	----	----
Escherichia coli	NMP/100 ml	240	<2	----	----
GRUPO CEK	NMP/100 ml	860	<2	----	----
Pseudomonas aeruginosa	NMP/100 ml	<2	<2	----	----
Enterococos	NMP/100 ml	150	<2	----	----
Estafilococos	NMP/100 ml	----	----	----	----
CLOROFILA	mg/m³	<0.3	----	----	----