

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
19/01/2018	pH	INLET	SINGLE GRAB	YES	YES	7,60
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,90
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,57
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,01
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,01	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
19/02/2018	pH	INLET	SINGLE GRAB	YES	YES	7,57
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	3,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,80
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,55
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,03
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,01	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
20/03/2018	pH	INLET	SINGLE GRAB	YES	YES	7,51
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	2,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,50
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,56
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	6,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	2,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,05
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,70	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,01	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
18/04/2018	pH	INLET	SINGLE GRAB	YES	YES	7,59
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	5,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,80
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,54
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	9,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,08
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,10	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,02	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
18/05/2018	pH	INLET	SINGLE GRAB	YES	YES	7,51
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	7,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,60
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,52
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	11,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	12,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,06
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,90	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,02	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
18/06/2018	pH	INLET	SINGLE GRAB	YES	YES	7,53
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	5,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	1,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,20
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,5
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	11,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,08
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,60	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,05	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
25/07/2018	pH	INLET	SINGLE GRAB	YES	YES	7,48
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	7,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	2,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,010
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,50
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,010
	pH	OUTLET	SINGLE GRAB	YES	YES	7,51
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	12,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	6,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	14,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,090
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,90	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,08	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
30/08/2018	pH	INLET	SINGLE GRAB	YES	YES	7,52
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	9,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	5,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,60
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,5
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	14,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	9,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	19,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,12
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,06	



DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
20/09/2018	pH	INLET	SINGLE GRAB	YES	YES	7,55
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	12,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	7,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	13,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,90
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,54
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	16,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	20,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,07
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,20	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,05	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
23/10/2018	pH	INLET	SINGLE GRAB	YES	YES	7,59
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	14,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	8,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	15,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	5,20
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,56
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	15,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	8,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	16,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,09
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,60	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,07	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
23/11/2018	pH	INLET	SINGLE GRAB	YES	YES	7,54
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	9,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	3,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,80
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,52
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	12,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	5,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,06
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,90	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,05	

DATE	ANALYSIS	LOCATION	METHOD	SAMPLING BY THIRD PARTY?	ANALYSIS BY THIRD PARTY	RESULT
05/12/2018	pH	INLET	SINGLE GRAB	YES	YES	7,48
	SOS (mg/l)	INLET	SINGLE GRAB	YES	YES	5,00
	BOD (mg/l)	INLET	SINGLE GRAB	YES	YES	2,00
	COD (mg/l)	INLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitroso (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	N nitrico (mg/l)	INLET	SINGLE GRAB	YES	YES	4,80
	P tot (mg/l)	INLET	SINGLE GRAB	YES	YES	0,01
	pH	OUTLET	SINGLE GRAB	YES	YES	7,5
	SOS (mg/l)	OUTLET	SINGLE GRAB	YES	YES	11,00
	BOD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,00
	COD (mg/l)	OUTLET	SINGLE GRAB	YES	YES	10,00
	N amm (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,10
	N nitroso (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,05
N nitrico (mg/l)	OUTLET	SINGLE GRAB	YES	YES	4,90	
P tot (mg/l)	OUTLET	SINGLE GRAB	YES	YES	0,03	

## ACQUA IN USCITA VASCHE ALLEVAMENTO

MESE	DATA RILEVAZIONE	OSSIGENO DISCIOLTO [mg/l]	TEMPERATURA	PRESSIONE [mmHg]	VALORE SATURAZIONE DI O <sub>2</sub> [mg/l]	SATURAZIONE PERCENTUALE [%]
GENNAIO	19/01/2018	10,6	9,9	748,52	11,15	95,10
FEBBRAIO	19/02/2018	10,8	9,7	748,52	11,19	96,51
MARZO	20/03/2018	10,5	10	748,52	11,12	94,42
APRILE	18/04/2018	10	10,7	748,52	10,94	91,39
MAGGIO	18/05/2018	9,5	10,9	748,52	10,89	87,22
GIUGNO	18/06/2018	9,7	11,7	748,52	10,69	90,74
LUGLIO	25/07/2018	9,4	12,2	748,52	10,58	88,86
AGOSTO	30/08/2018	9,5	12,5	748,52	10,56	89,96
SETTEMBRE	20/09/2018	9,6	12,2	748,52	10,58	90,74
OTTOBRE	23/10/2018	9,8	11,4	748,52	10,77	90,99
NOVEMBRE	23/11/2018	9,7	10,7	748,52	10,94	88,67
DICEMBRE	18/12/2018	9,8	9,7	748,52	11,20	87,52

La % di saturazione di OD (concentrazione di ossigeno disciolto; in inglese DO) è data dal rapporto, in % appunto, tra l'effettiva quantità di OD e il massimo valore possibile in funzione della temperatura e dell'altitudine.