



Rapporto di conformità OPAc

Questa relazione presenta una valutazione dei risultati dell'impianto, mettendo in evidenza i superamenti dei limiti di conformità definiti dall'OPAc (dati annuali confrontati con dati dell'anno precedente)

IDA Medio Cassarate

Periodo da: 1 gennaio 2005 a: 31 dicembre 2005

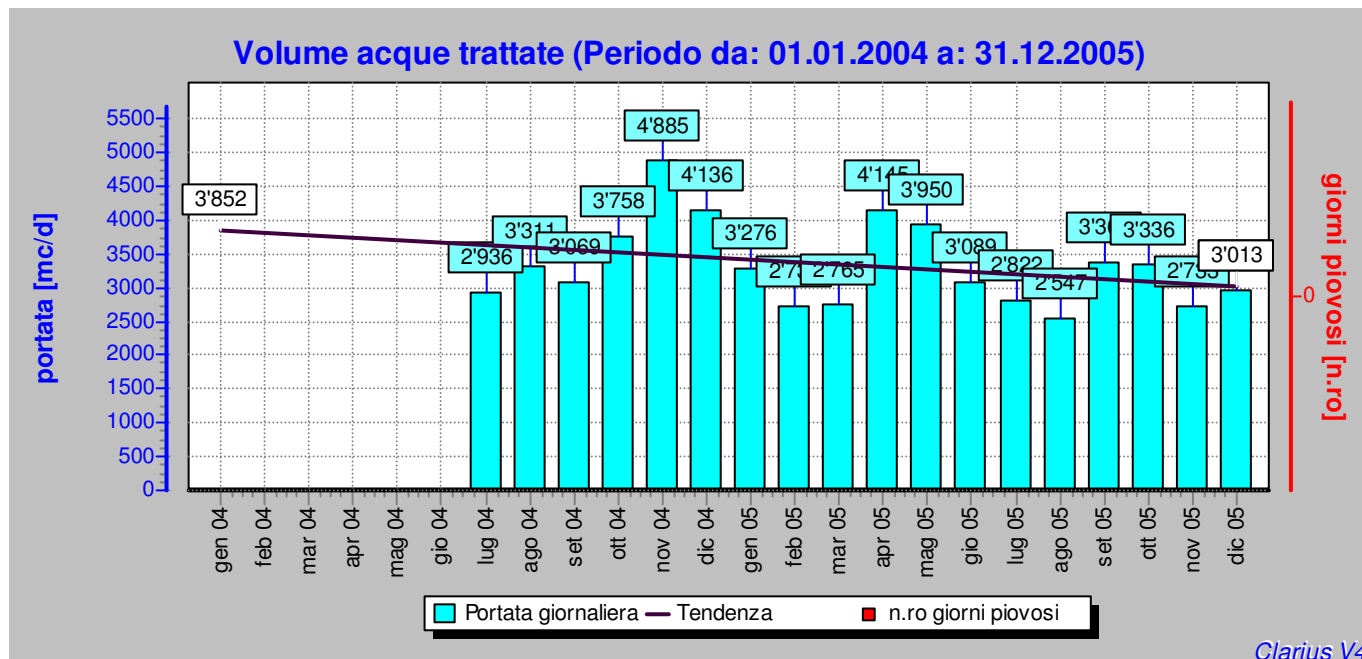
SOMMARIO

ACQUE DEPURATE	3
Portata in ingresso	3
Andamento della portata	3
Portate medie, minime e massime negli ultimi 5 anni	3
LINEA TRATTAMENTO ACQUE	4
Carico inquinante trattato	4
Concentrazione di Solidi sospesi	4
Concentrazione di BOD5 in uscita	5
Demolizione Carbonio Organici (DOC)	5
Concentrazione di Azoto ammoniacale	6
Concentrazione di Fosforo totale in uscita	6
Composti organici alogenati adsorbibili (AOX)	7
Trasparenza (Snellen) in uscita	7
Sintesi dei superamenti dei limiti OPAc	8
Sintesi dei superamenti dei limiti OPAc (anno precedente)	9
Attendibilità del laboratorio (confronto tra 2 laboratori)	10
RENDIMENTO GLOBALE	11
Sintesi del rendimento	11

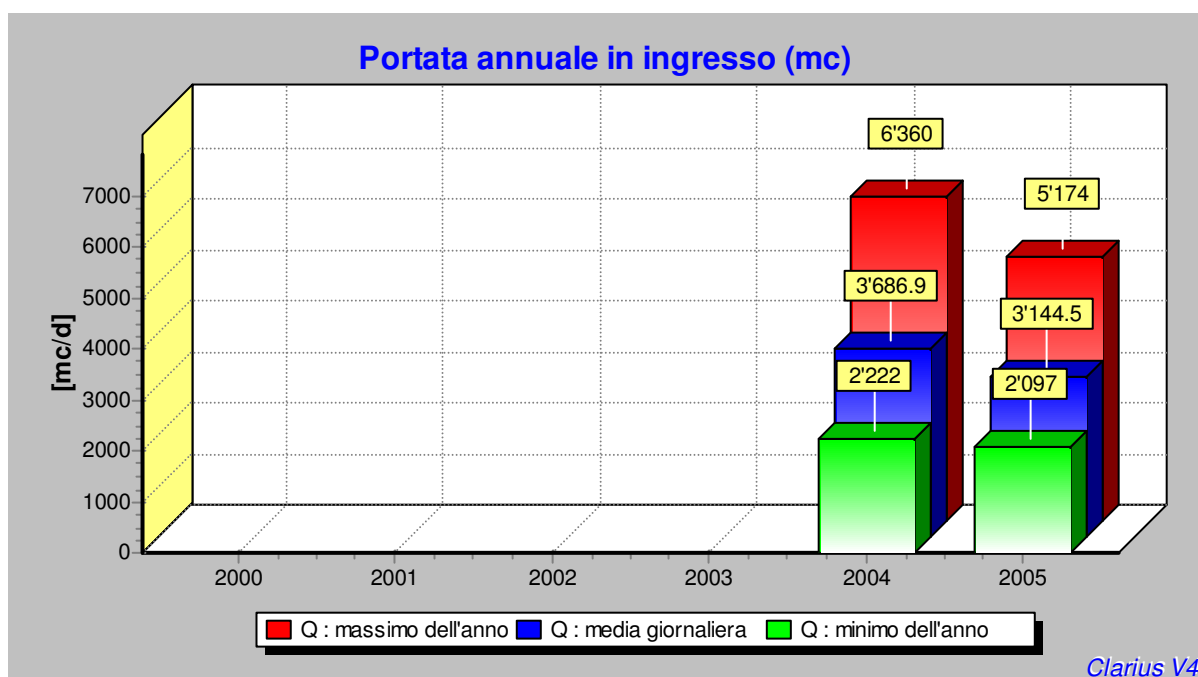
ACQUE DEPURATE

Portata in ingresso

Andamento della portata

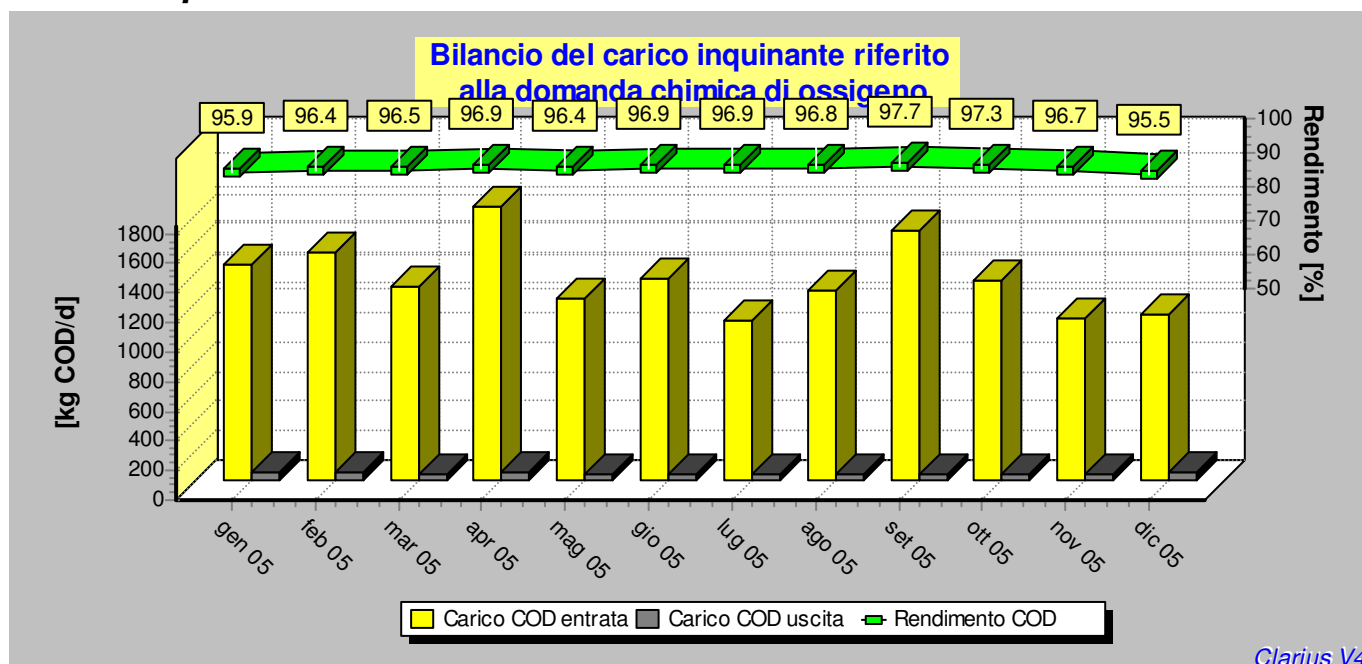


Portate medie, minime e massime negli ultimi 5 anni

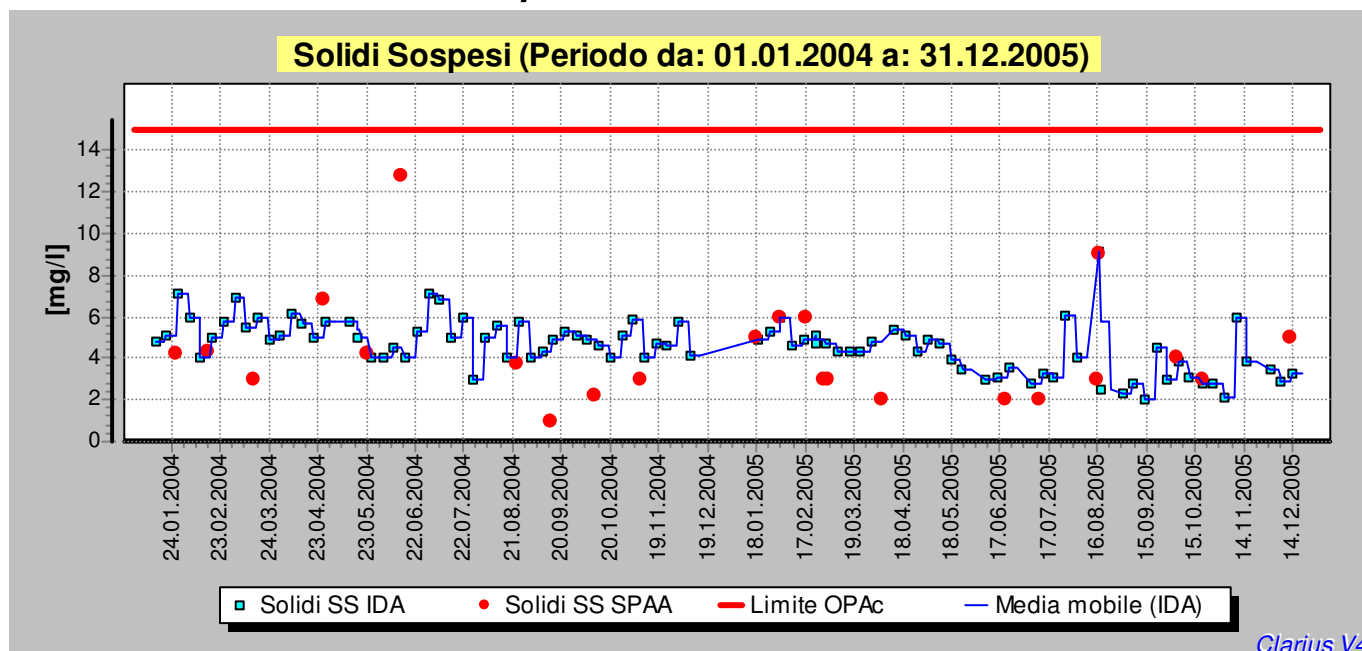


LINEA TRATTAMENTO ACQUE

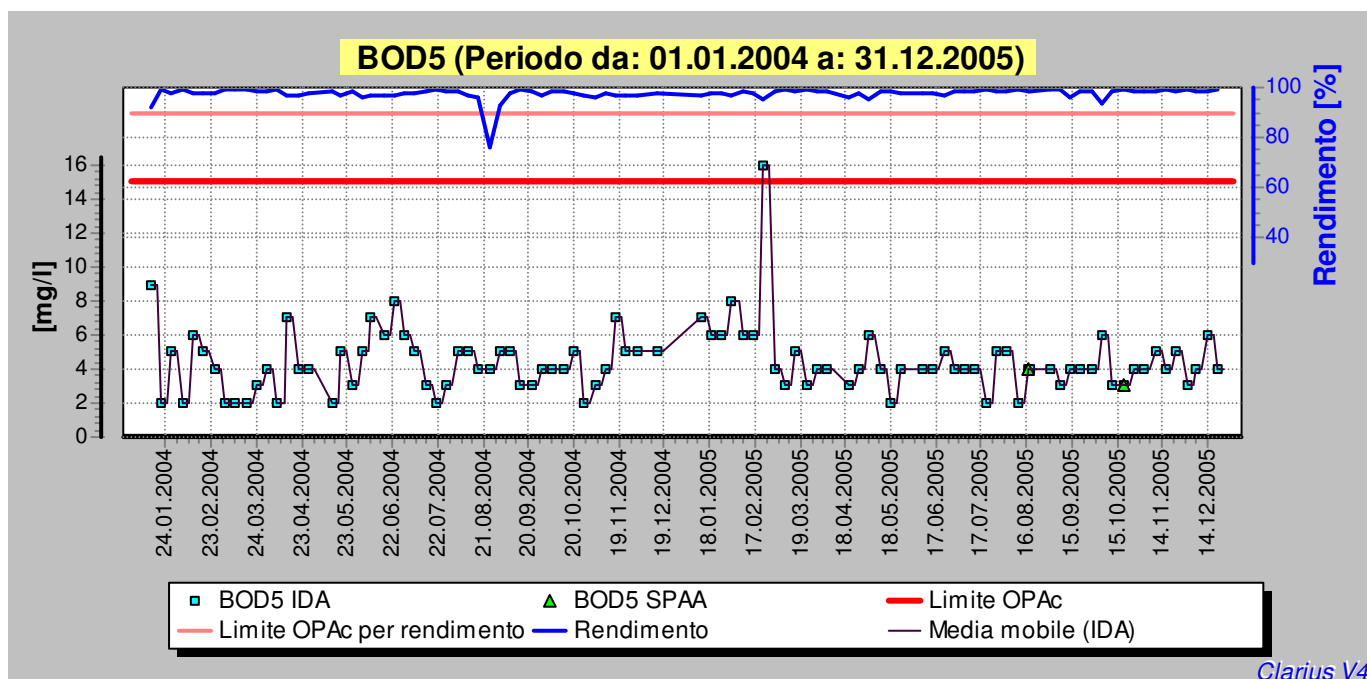
Carico inquinante trattato



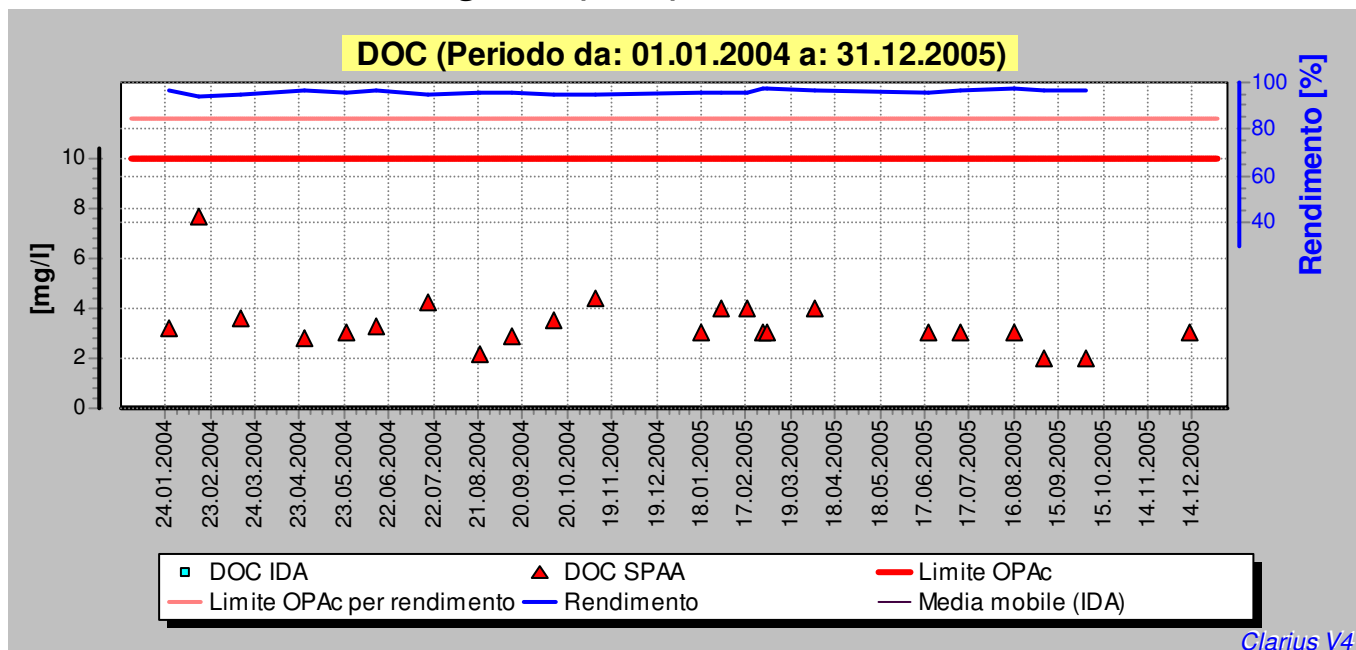
Concentrazione di Solidi sospesi



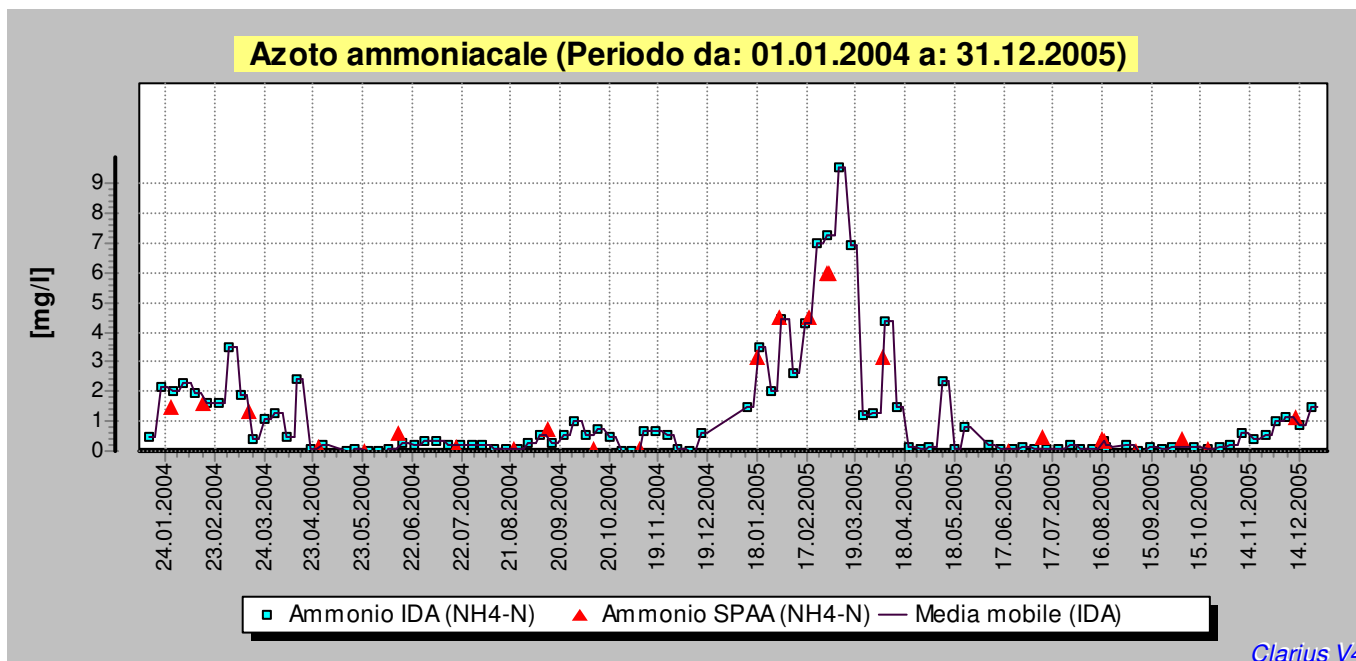
Concentrazione di BOD5 in uscita



Demolizione Carbonio Organici (DOC)

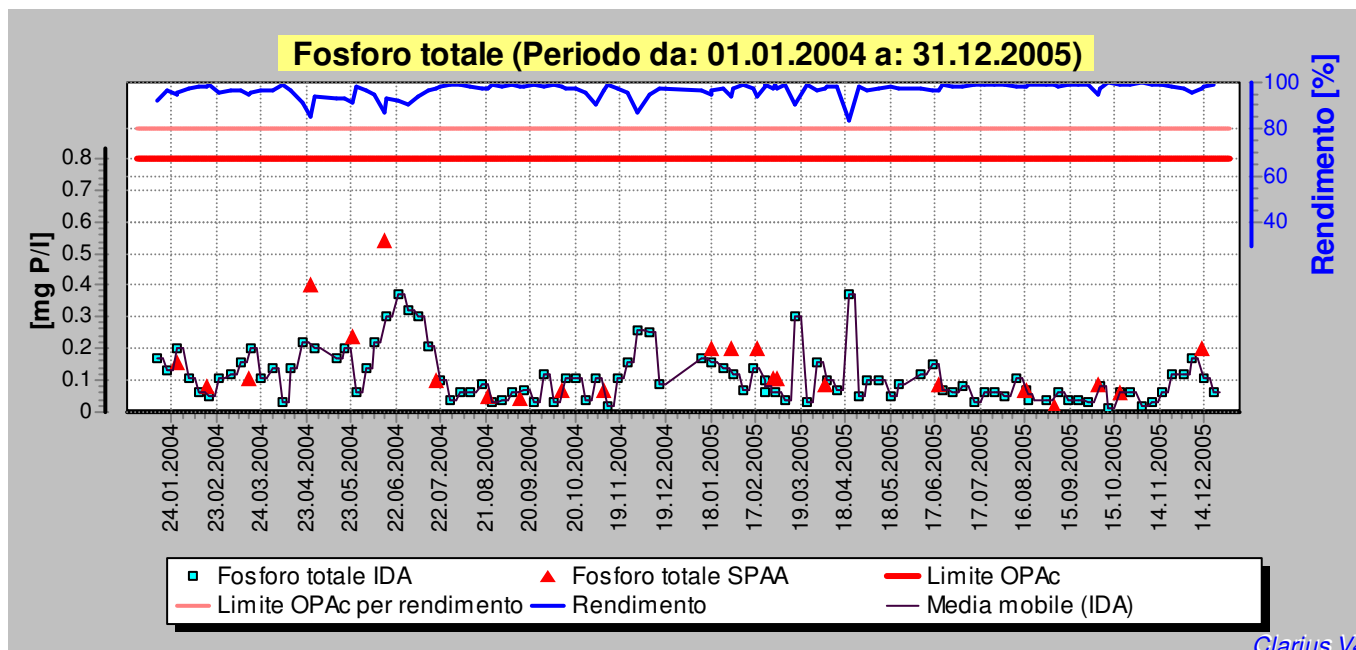


Concentrazione di Azoto ammoniacale



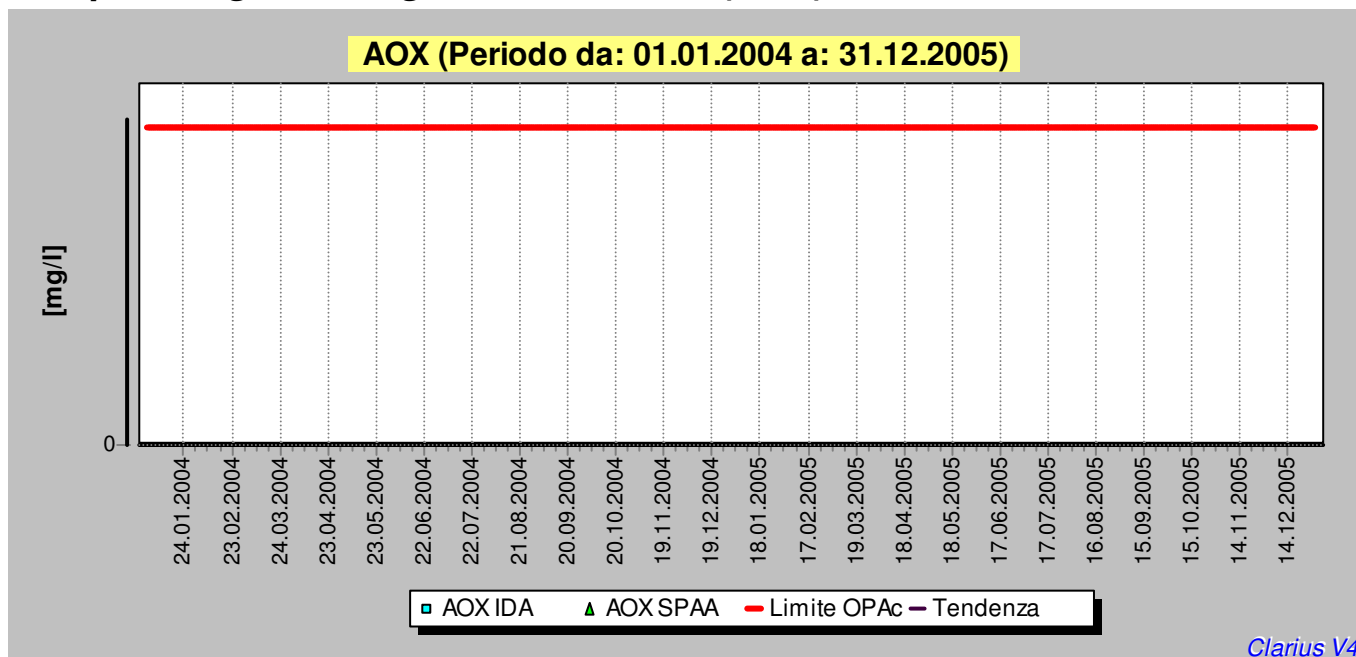
Clarius V4

Concentrazione di Fosforo totale in uscita

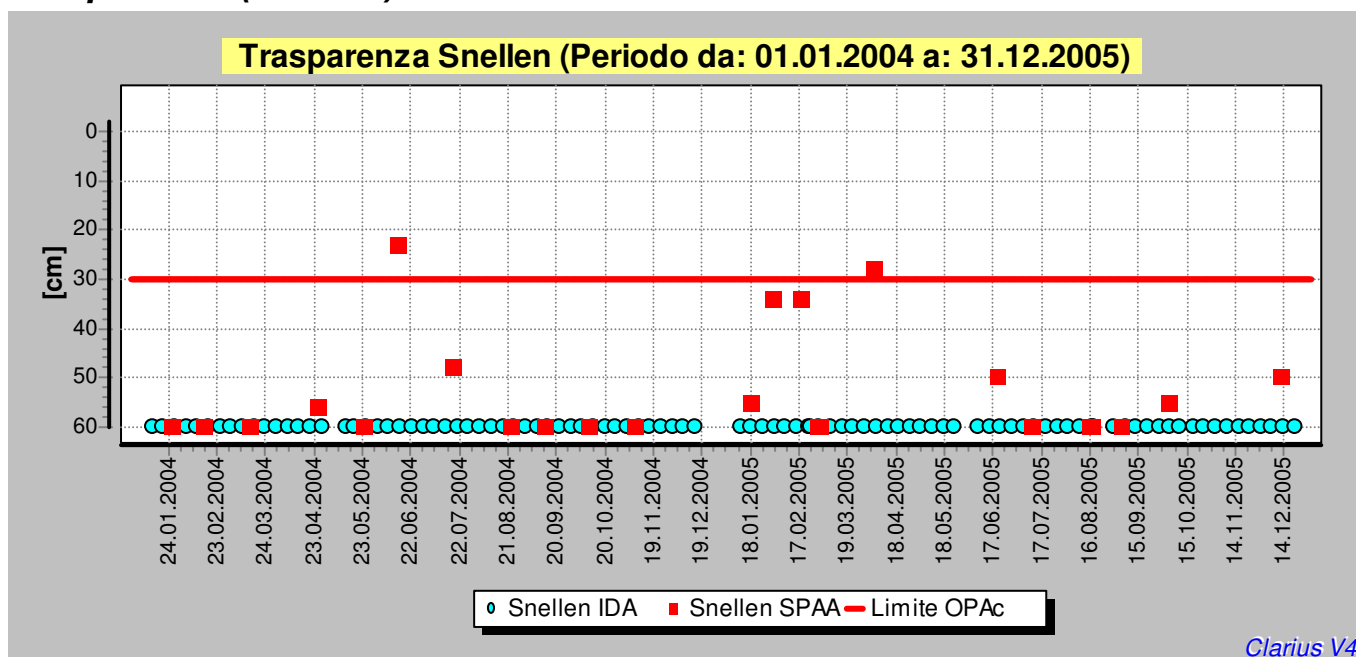


Clarius V4

Composti organici alogenati adsorbibili (AOX)

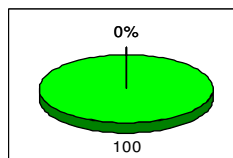
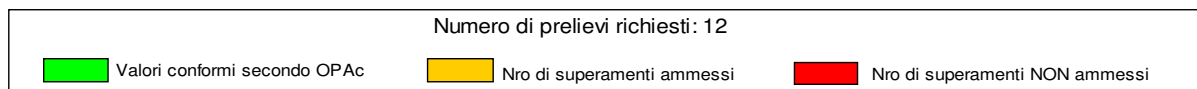


Trasparenza (Snellen) in uscita

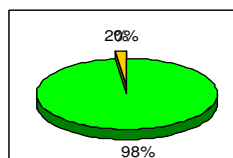


Sintesi dei superamenti dei limiti OPAC

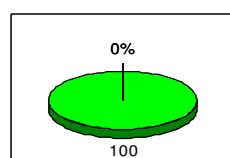
Periodo da: 1 gennaio 2005 a: 31 dicembre 2005



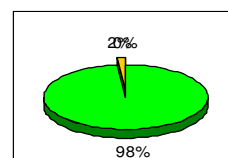
Solidi sospesi
Nro prelievi: 56



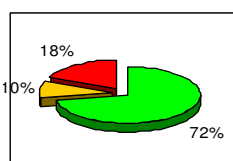
BOD
Nro prelievi: 48
Superamento medio: +6.7%
Superamento max: +6.7%



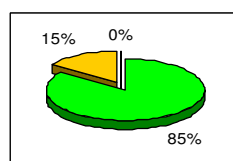
DOC
Nro prelievi: 12



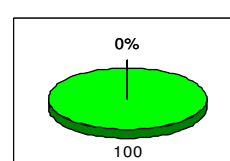
Trasp
Nro prelievi: 62
Superamento medio: +6.7%
Superamento max: +6.7%



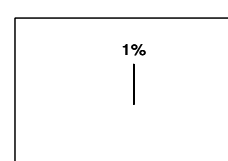
azoto ammoniacale
Nro prelievi: 60
Superamento medio: +140.9%
Superamento max: +378.5%



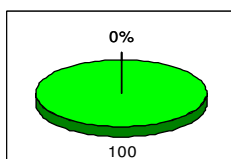
NNO2
Nro prelievi: 13
Superamento medio: +146.7%
Superamento max: +146.7%



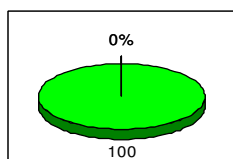
P totale
Nro prelievi: 61



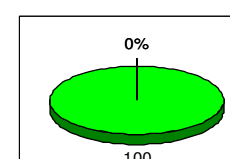
AOX
Nro prelievi: 0



rendimento BOD
Nro prelievi: 48



rendimento DOC
Nro prelievi: 11



rendimento Ptot
Nro prelievi: 61

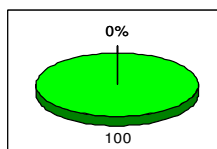
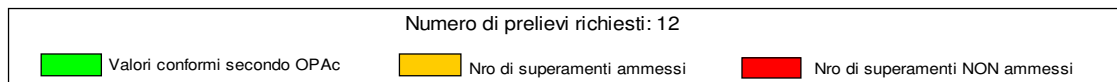


rendimento nitrificazione
Nro prelievi: 0

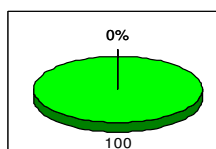
Parametro	N.ro di analisi	N.ro di Superamenti totali	N.ro di Superamenti non ammessi	Superamento medio in % del valore limite	Superamento massimo in % del valore
Solidi sospesi	56	0	0		
BOD	48	1	0	6.7	6.7
DOC	12	0	0		
Trasp	62	1	0	6.7	6.7
azoto ammoniacale	60	17	11	140.9	378.5
NNO2	13	2	0	146.7	146.7
P totale	61	0	0		
AOX	0	0	0		
rendimento BOD	48	0	0		
rendimento DOC	11	0	0		
rendimento Ptot	61	0	0		
rendimento nitrificazione	0	0	0		
Ptot medio = 0.1		Limite OPAC = 0.80			

Sintesi dei superamenti dei limiti OPAC (anno precedente)

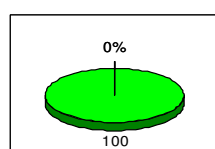
Periodo da: 1 gennaio 2004 a: 31 dicembre 2004



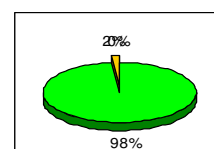
Solidi sospesi
Nro prelievi: 57



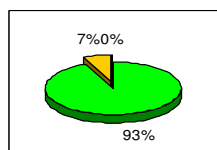
BOD
Nro prelievi: 47



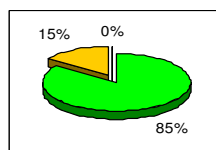
DOC
Nro prelievi: 11



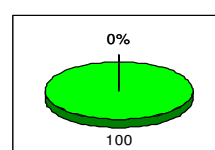
Trasp
Nro prelievi: 59
Superamento medio: +23.3%
Superamento max: +23.3%



azoto ammoniacale
Nro prelievi: 59
Superamento medio: +29.9%
Superamento max: +75%



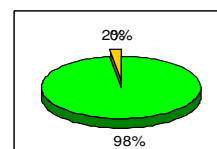
NNO2
Nro prelievi: 13
Superamento medio: +33.2%
Superamento max: +53%



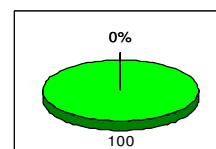
P totale
Nro prelievi: 59



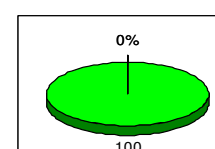
AOX
Nro prelievi: 0



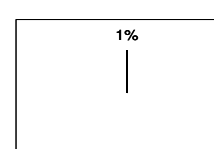
rendimento BOD
Nro prelievi: 47
Superamento medio: +13.5%
Superamento max: +13.5%



rendimento DOC
Nro prelievi: 11



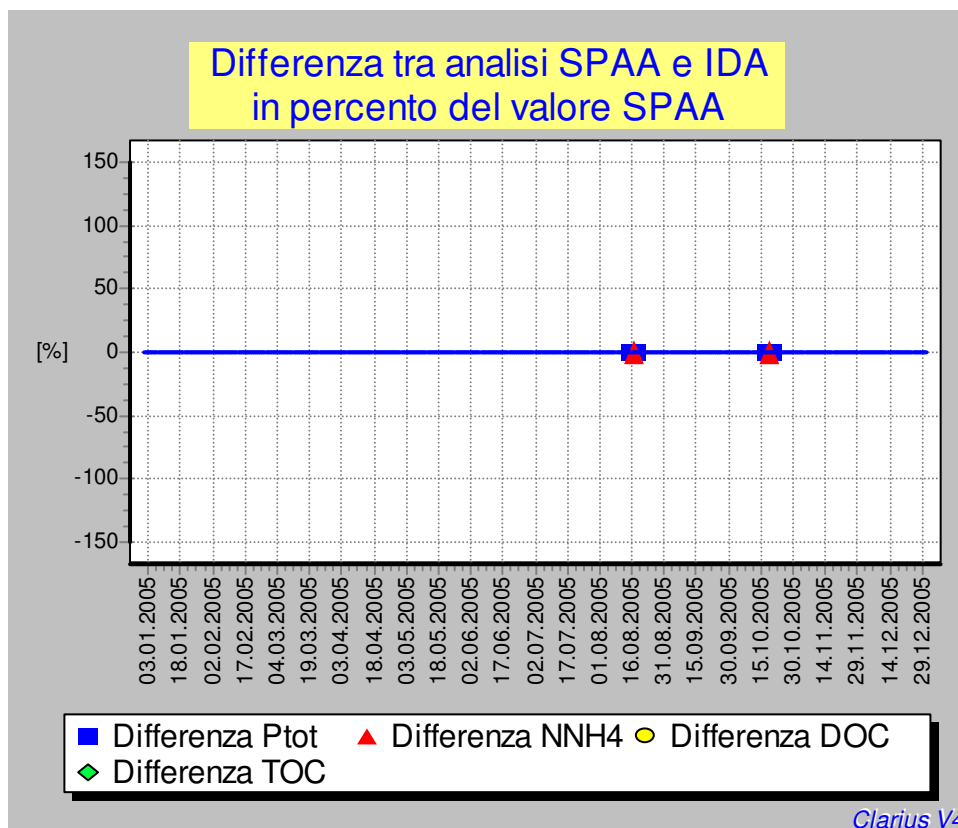
rendimento Ptot
Nro prelievi: 59



rendimento nitrificazione
Nro prelievi: 0

Parametro	N.ro di analisi	N.ro di Superamenti totali	N.ro di Superamenti non ammessi	Superamento medio in % del valore limite	Superamento massimo in % del valore
Solidi sospesi	57	0	0		
BOD	47	0	0		
DOC	11	0	0		
Trasp	59	1	0	23.3	23.3
azoto ammoniacale	59	4	0	29.9	75
NNO2	13	2	0	33.2	53
P totale	59	0	0		
AOX	0	0	0		
rendimento BOD	47	1	0	13.5	13.5
rendimento DOC	11	0	0		
rendimento Ptot	59	0	0		
rendimento nitrificazione	0	0	0		
Ptot medio = 0.14		Limite OPAC = 0.80			

Attendibilità del laboratorio (confronto tra 2 laboratori)

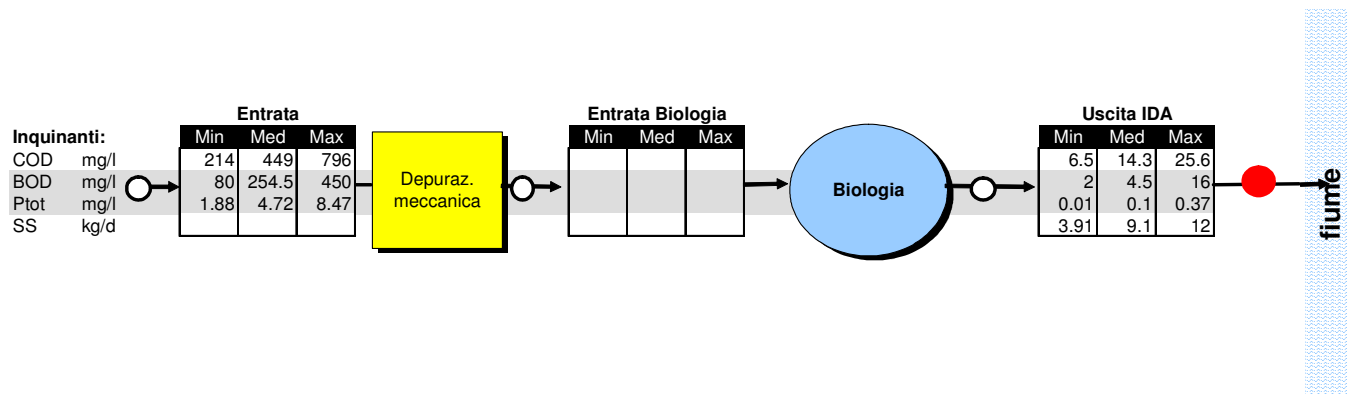


Rendimento globale

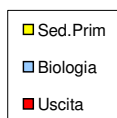
Sintesi del rendimento

Rendimento globale del processo di depurazione

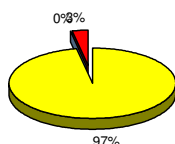
Periodo da: 1 gennaio 2005 a: 31 dicembre 2005



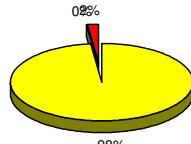
Abbattimento relativo al carico totale in entrata (in %)



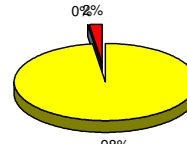
Abbatt. COD [kg]



Abbatt. BOD [kg]



Abbatt. Ptot [kg]



Rendimento totale:	96.7%	98%	97.7%
Carico in entrata:	1351.1 kg	758.6 kg	14 kg

--