

Enquadramento da Bacia do PCJ



Estudo 4 – Rio Piracicaba e tributários

Elaborado pelo Setor de Águas Interiores da
CETESB

Grupo de parâmetros:

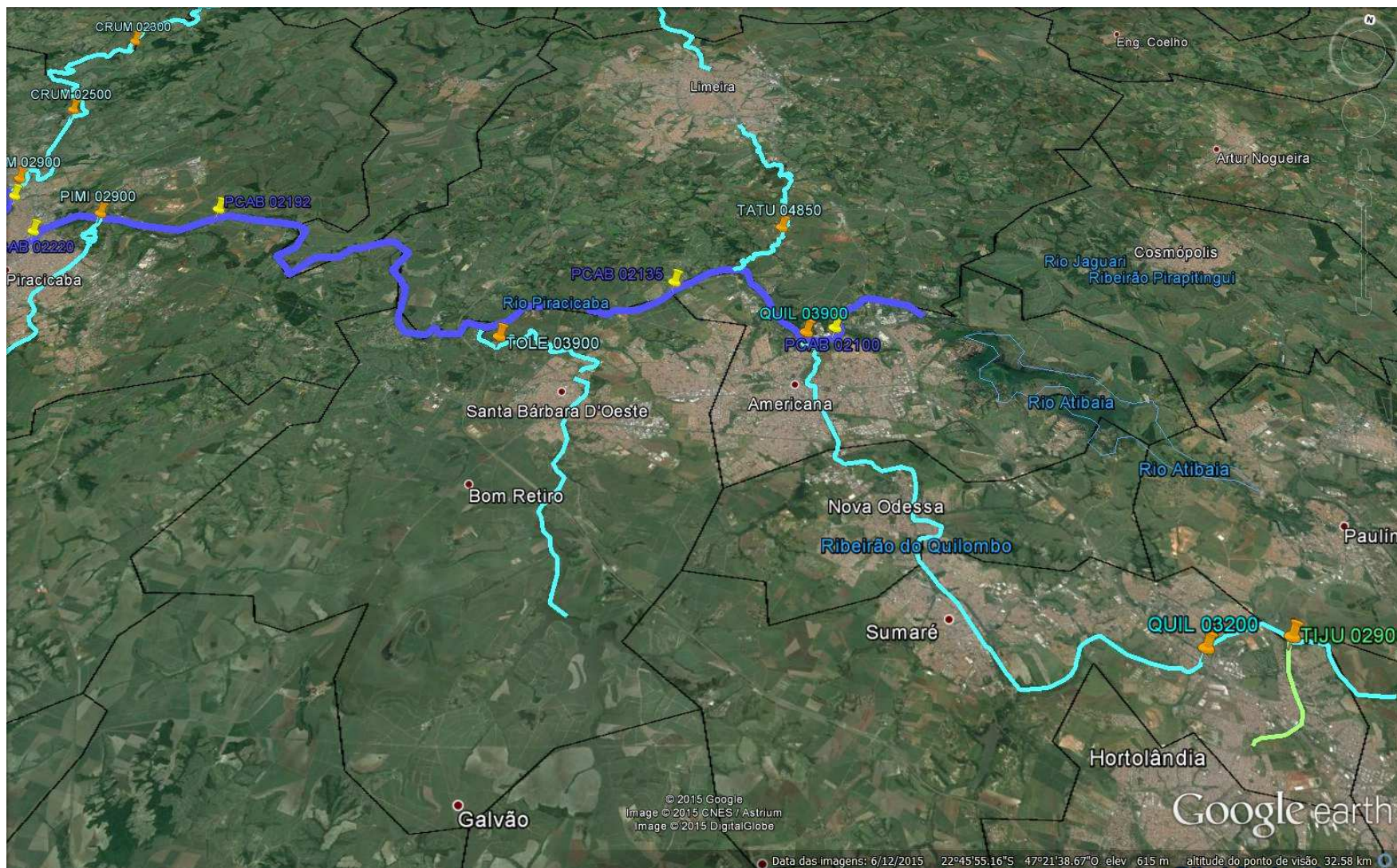
- a) Matéria orgânica (Oxigênio Dissolvido e DBO)
- b) Nutrientes (Fósforo Total e Nitrogênio Amoniacal e Clorofila a)
- c) Sólidos (Ferro Dissolvido e Turbidez)
- d) Microbiológico (*Escherichia coli*)

Período de Estudo

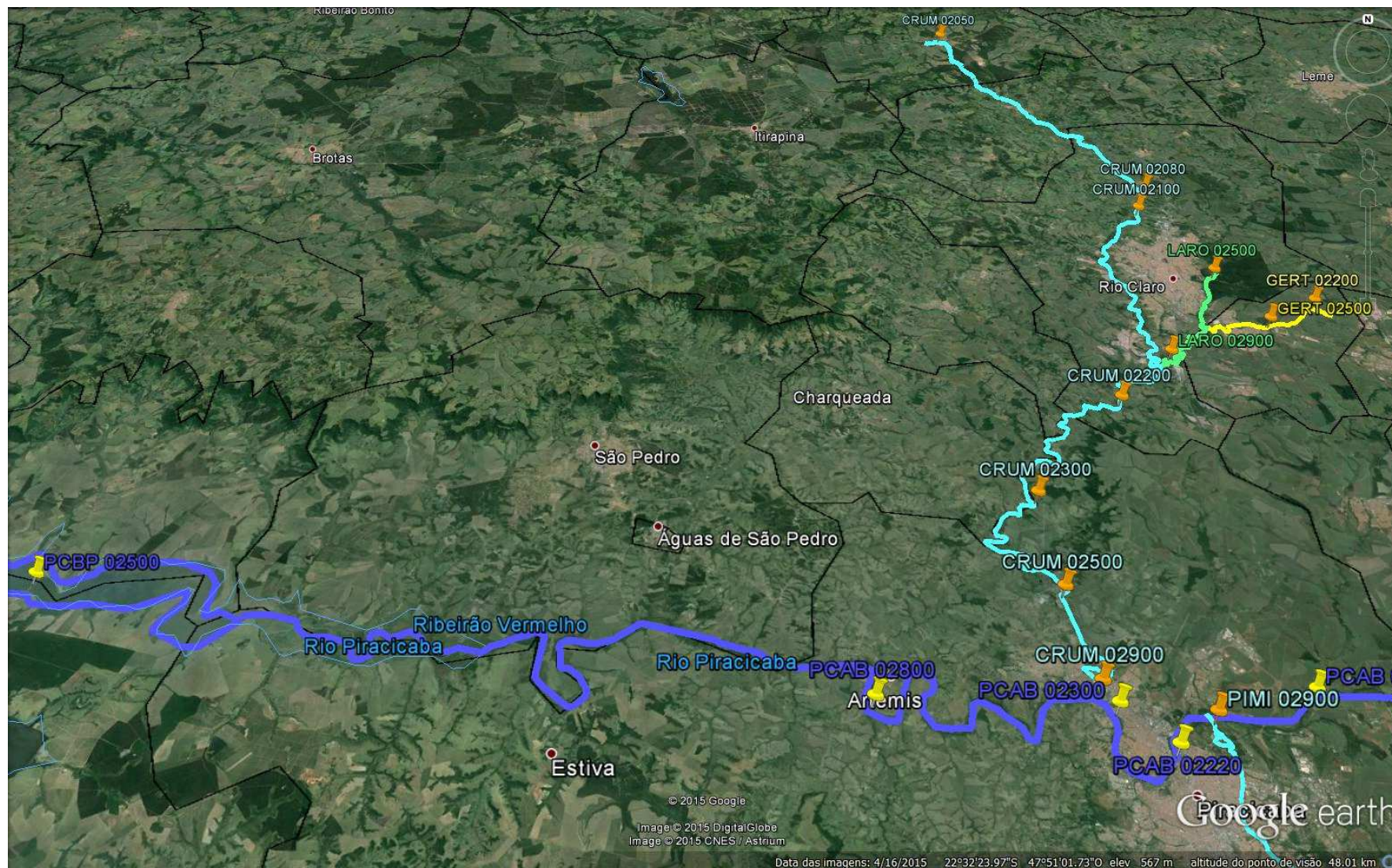
- Início: 2000
- Término 2014

Pontos de amostragem

Trecho Inicial + Tributários



Pontos de amostragem Rio Corumbatai + Trecho Final



Pontos de amostragem

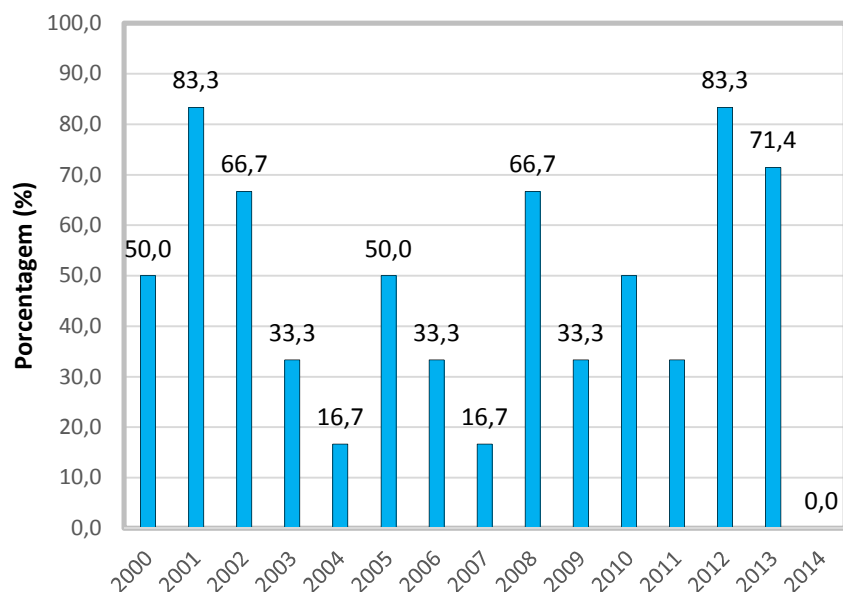
Corpo Hídrico	Ponto	Localização	Cidade	Latitude	Longitude
Braço do Rio Piracicaba	PCBP 02500	Ponte na rodovia SP-191, no trecho que liga Santa Maria da Serra a São Manuel.	SANTA MARIA DA SERRA	22 37 44	48 10 27
Córrego Santa Gertrudes	GERT 02200	Na estrada da Fazenda Goiapá, em Santa Gertrudes.	SANTA GERTRUDES	22 26 15	47 29 19
	GERT 02500	Na captação de Santa Gertrudes.	SANTA GERTRUDES	22 27 10	47 31 12
Ribeirão dos Toledos	TOLE 03900	Ponte de madeira, na foz com o Rio Piracicaba.	SANTA BARBARA D OESTE	22 44 14	47 26 42
Ribeirão Quilombo	QUIL 03200	Ponte na estrada que liga a Via Anhanguera a Paulínia.	SUMARÉ	22 49 07	47 11 55
	QUIL 03900	Na foz com o Rio Piracicaba. Na ETE de Americana, no bairro Carioba.	AMERICANA	22 42 52	47 20 02
Ribeirão Tatu	TATU 04850	Ponte 2 Km a montante da foz do Rio Piracicaba.	LIMEIRA	22 39 36	47 21 09
Ribeirão Tijuco Preto	TIJU 02900	Próximo à sua foz.	SUMARÉ	22 48 39	47 10 24
Rio Claro	LARO 02500	Na captação ETA I -Rio Claro, próximo do Horto Florestal	RIO CLARO	22 24 33	47 32 25
	LARO 02900	Ponte próxima à foz do Rio Claro com o Rio Corumbataí, no distrito de Assistência.	RIO CLARO	22 28 46	47 35 11
Rio Corumbataí	CRUM 02050	Na régua do DAEE 4D-023R, em Analândia.	ANALANDIA	22 07 45	47 40 05
	CRUM 02080	Na captação da ETA II de Rio Claro.	RIO CLARO	22 19 29	47 33 32
	CRUM 02100	Ponte na Rodovia São Pedro/Araras, próximo ao Distrito industrial de Rio Claro.	RIO CLARO	22 20 49	47 34 12
	CRUM 02200	Ponte na Estr. Assistência/Paraisolândia, em Rio Claro	RIO CLARO	22 30 54	47 37 26
	CRUM 02300	No Bairro Recreio, Usina Tamandupá, em Charqueada, junto a DAEE 4D-021.	CHARQUEADA	22 34 53	47 41 01
	CRUM 02500	Na captação da SEMAE de Piracicaba.	PIRACICABA	22 38 01	47 40 58
	CRUM 02900	Na foz do Rio Piracicaba.	PIRACICABA	22 41 04	47 40 37
Rio Piracicaba	PCAB 02100	Junto à captação de água de Americana, na localidade de Carioba.	AMERICANA	22 42 39	47 19 22
	PCAB 02135	Na ponte de concreto da estrada Americana-Limeira, na divisa de Limeira e Sta. Bárbara d'Oeste.	LIMEIRA	22 41 51	47 23 14
	PCAB 02192	Ponte a 50 m do Km 135,3 da estrada que liga Piracicaba a Limeira, próximo à Usina Monte Alegre.	PIRACICABA	22 41 20	47 34 58
	PCAB 02220	Margem esquerda, 2,5 Km a jusante da foz do Rib. Piracicamirim, na captação de Piracicaba.	PIRACICABA	22 42 44	47 38 58
	PCAB 02300	Na ponte do Caixão.	PIRACICABA	22 41 44	47 40 19
	PCAB 02800	Em frente à fonte sulfurosa, junto ao posto 4D-07 do DAEE, na localidade de Artemis.	PIRACICABA	22 41 31	47 46 39
Ribeirão Piracicamirim	PIMI 02900	Na foz com o Rio Piracicaba.	PIRACICABA	22 41 57	47 37 46

RIO PIRACICABA

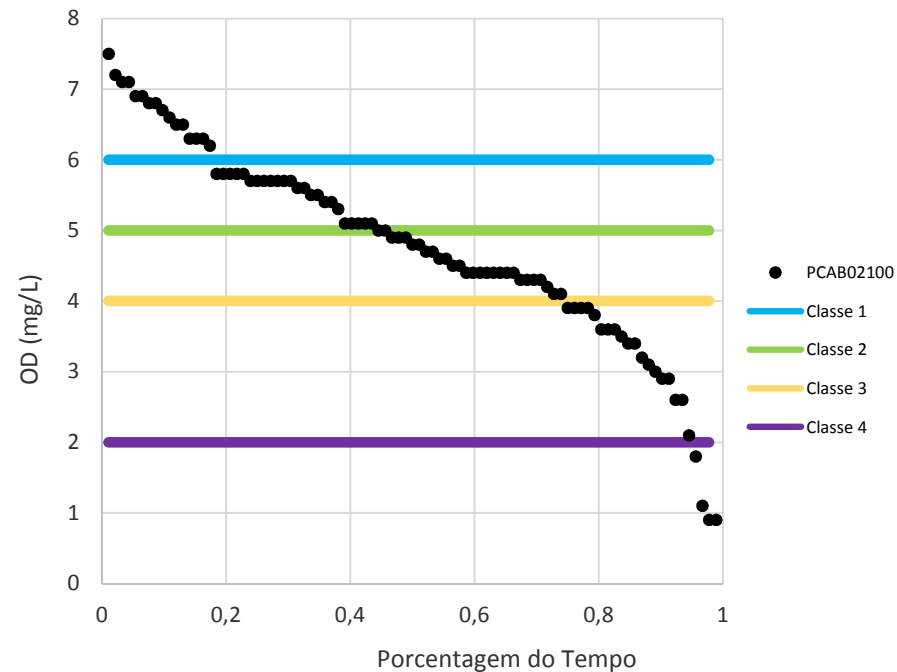
Rio Piracicaba
PCAB 02100

PCAB 02100 – Oxigênio Dissolvido (mg/L)

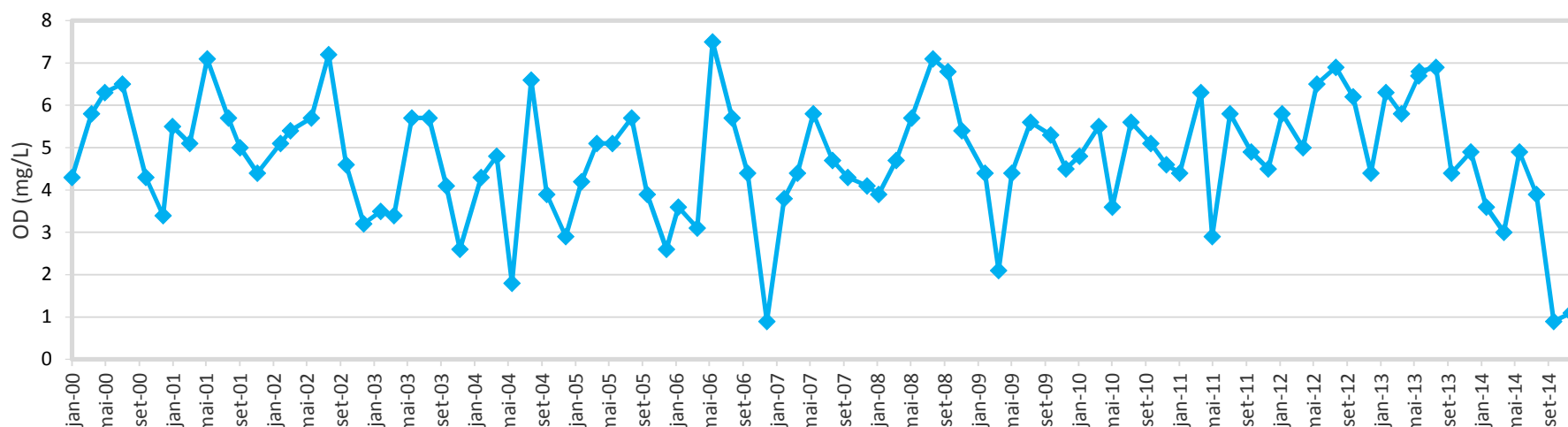
Porcentagem de Atendimento ao Padrão Classe 2 - OD



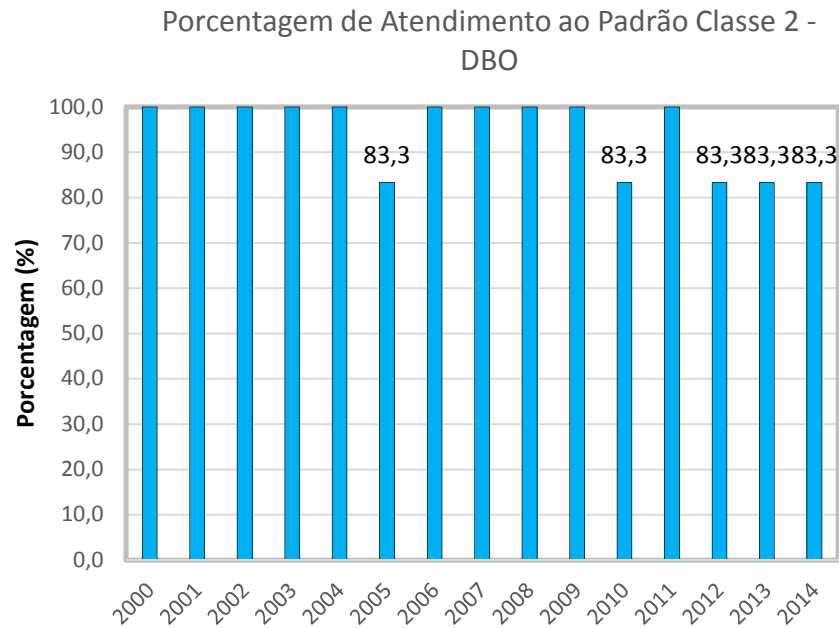
Curva de Permanência



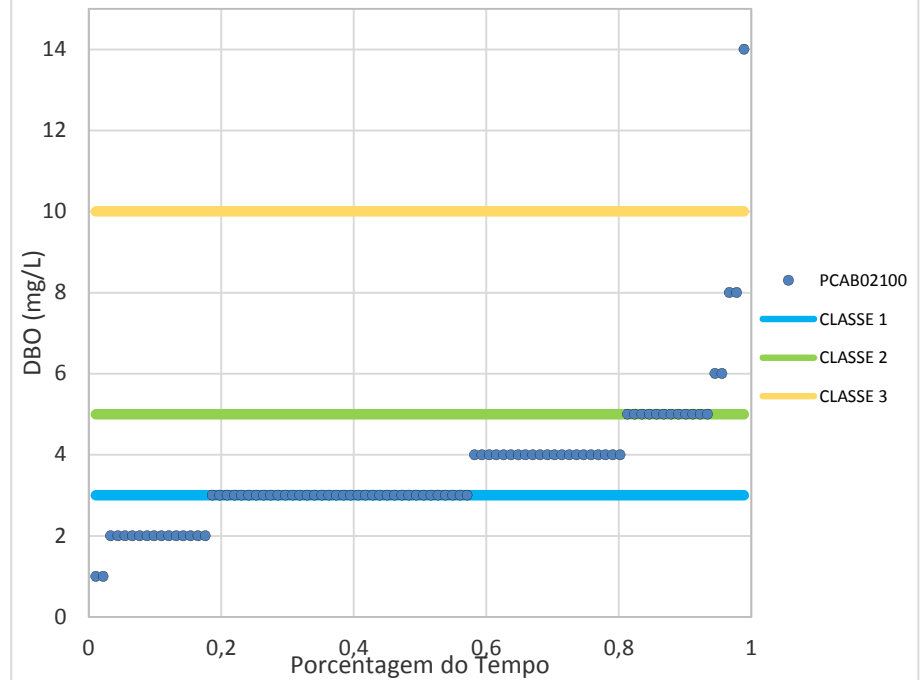
Evolução Temporal



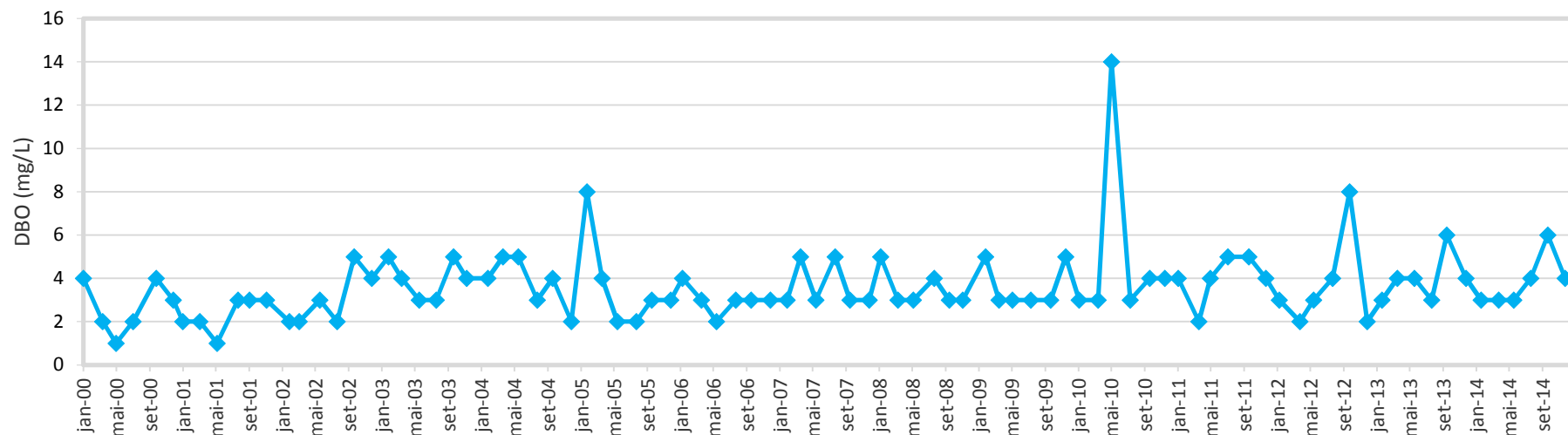
PCAB 02100 – DBO (mg/L)



Curva de Permanência

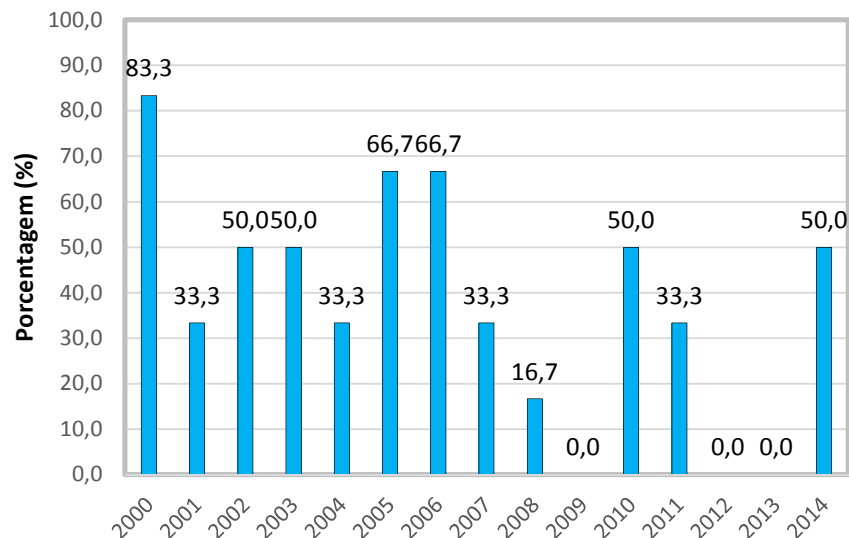


Evolução Temporal

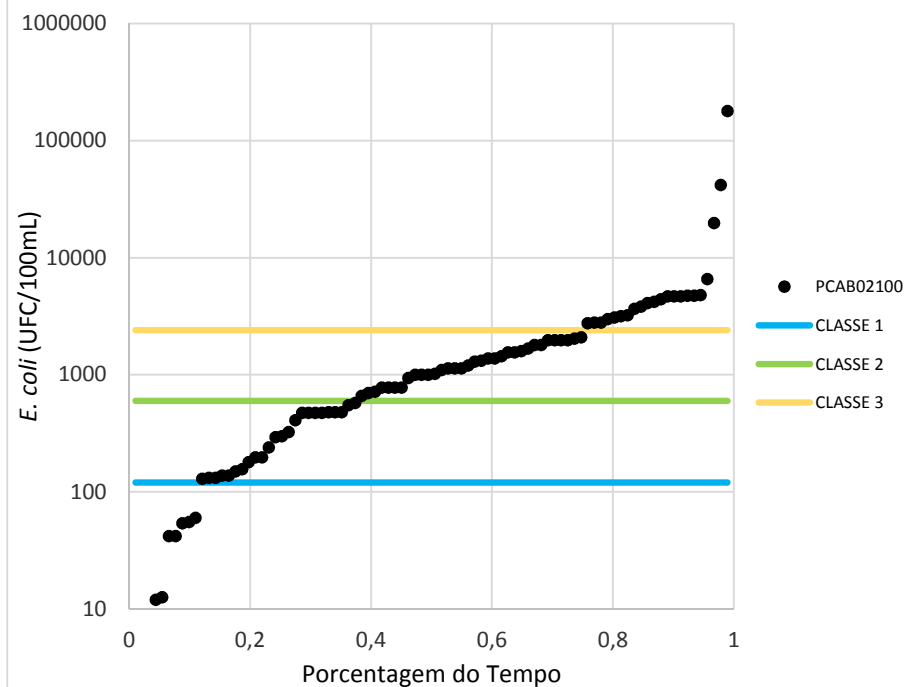


PCAB 02100 – *Escherichia coli* (UFC/100mL)

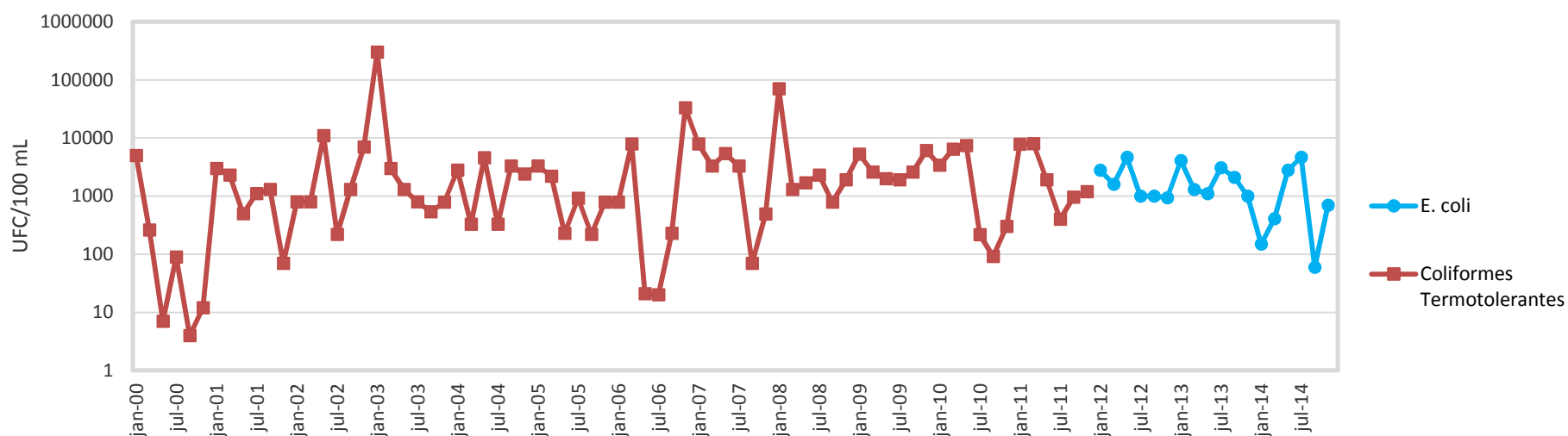
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



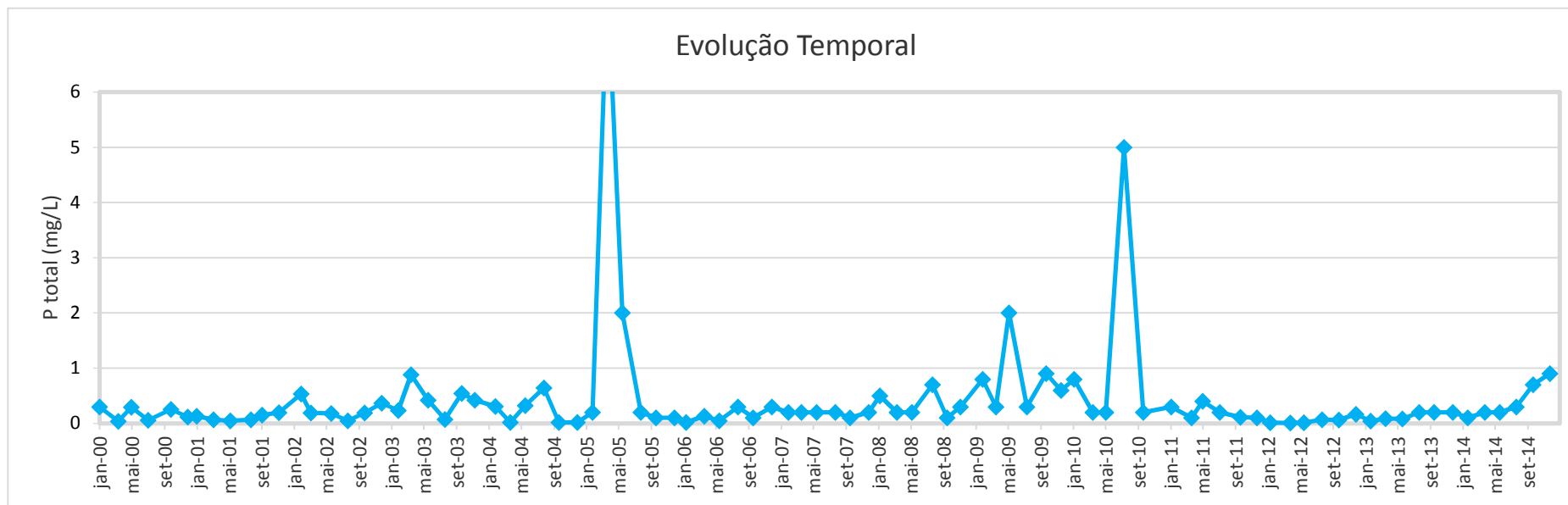
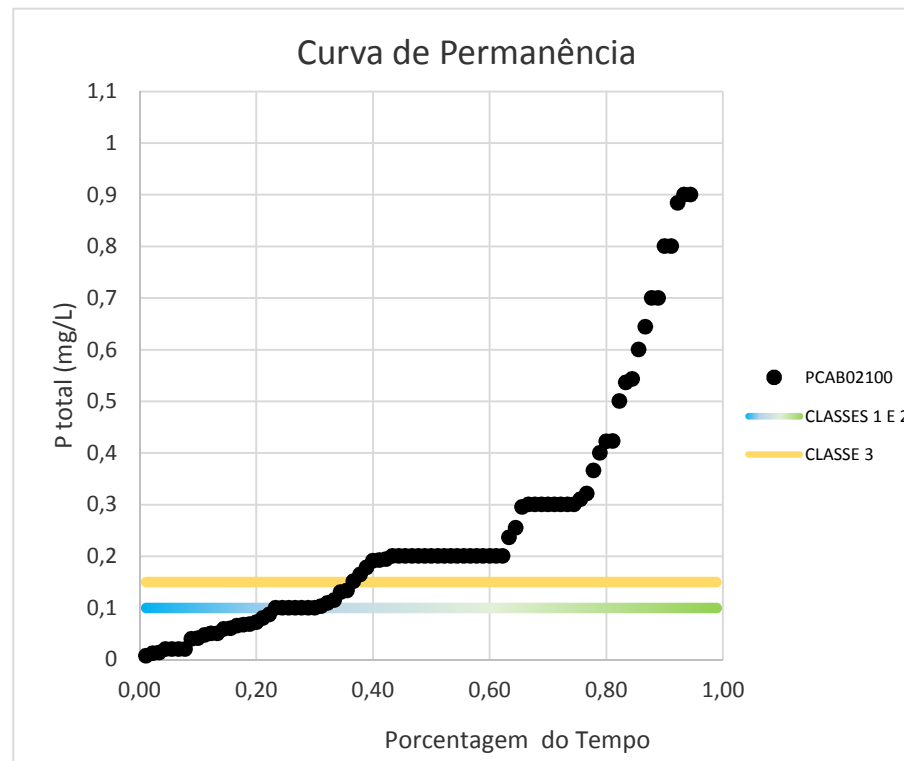
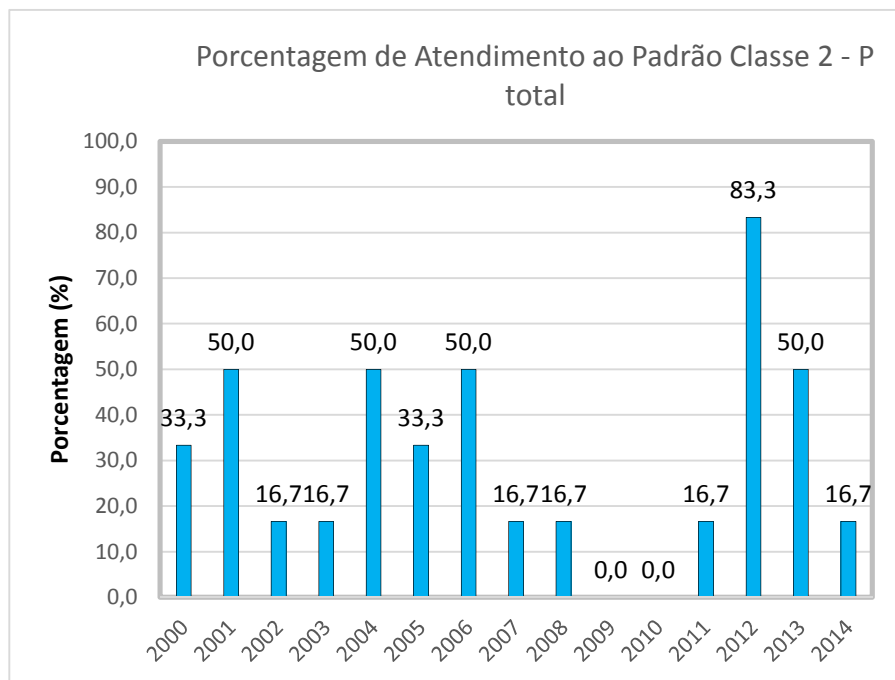
Curva de Permanência



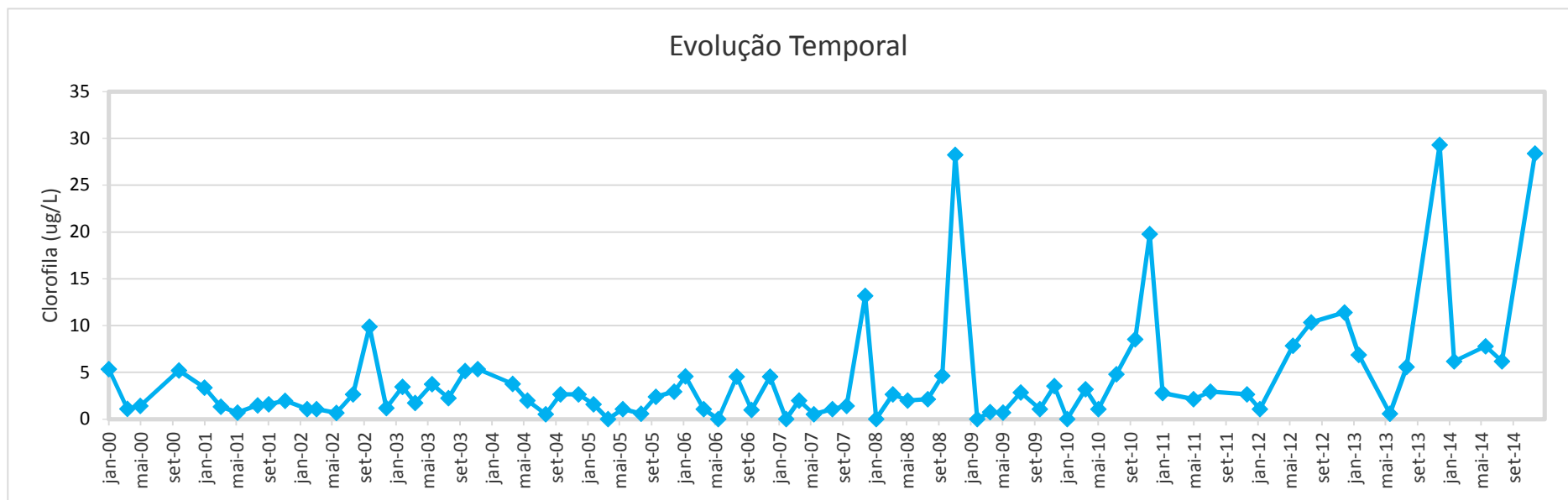
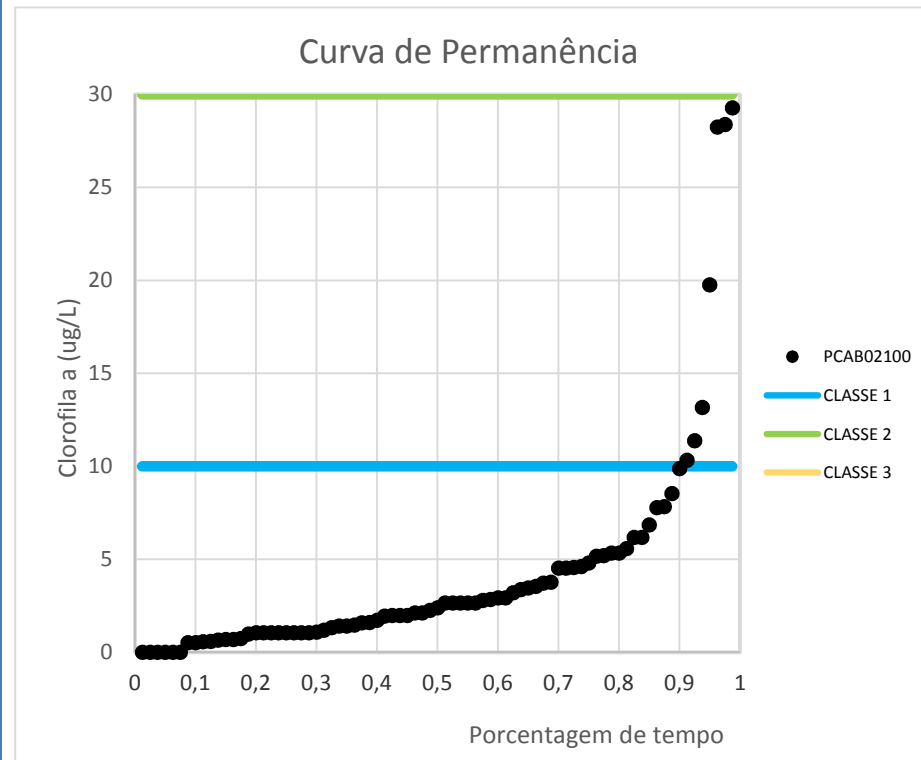
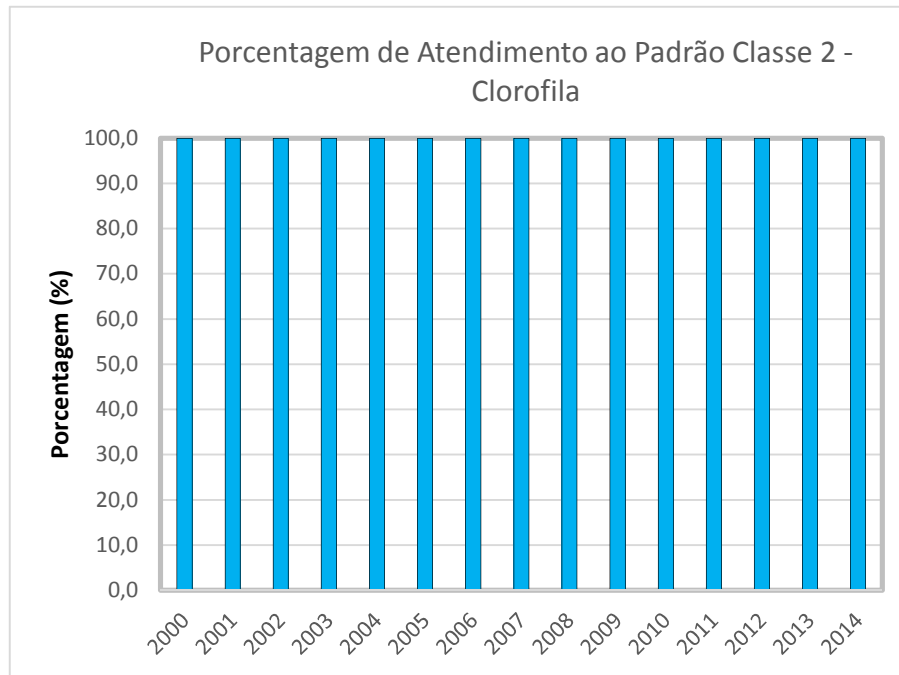
Evolução Temporal



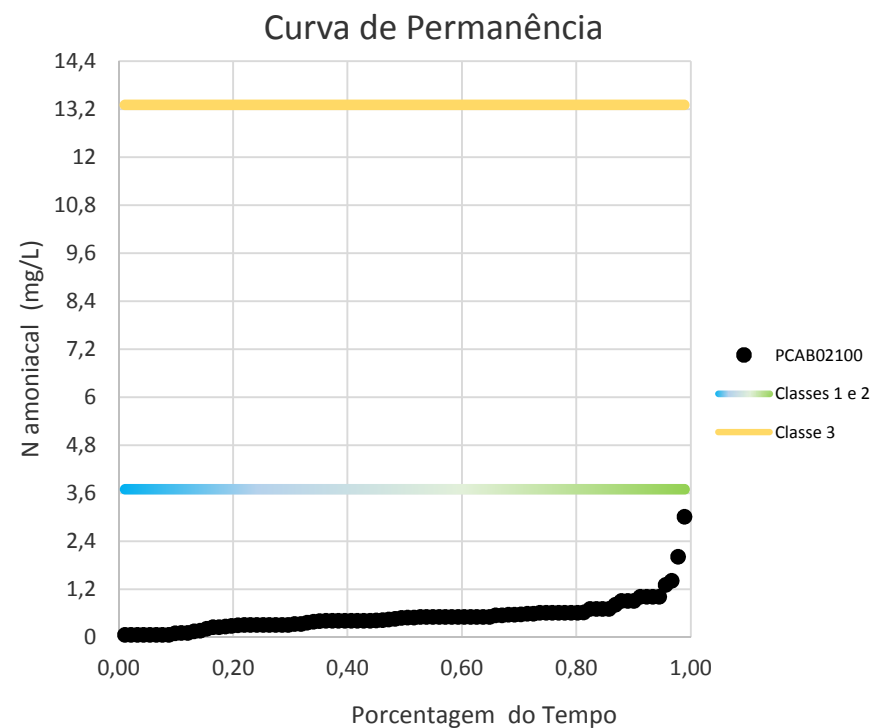
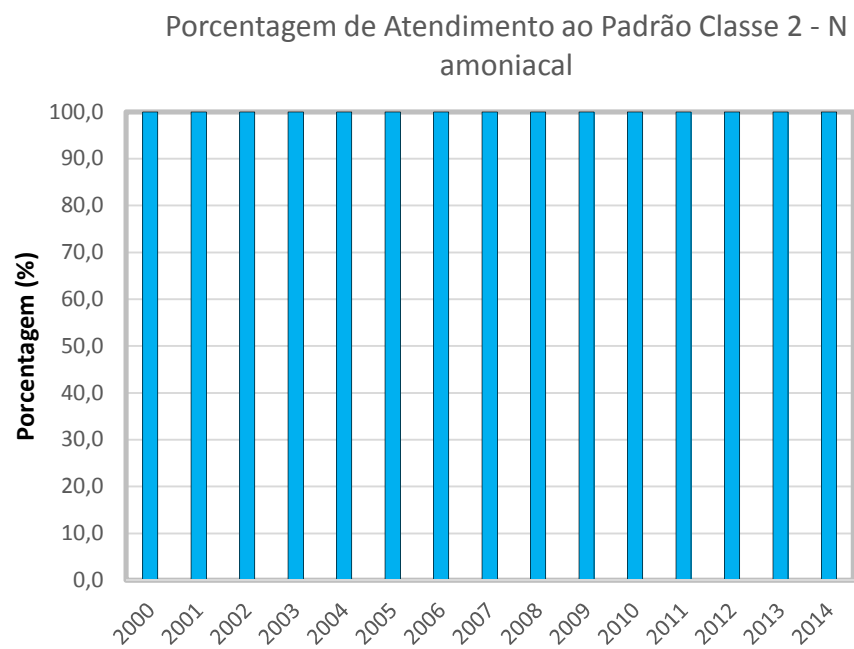
PCAB 02100 – Fósforo Total (mg/L)



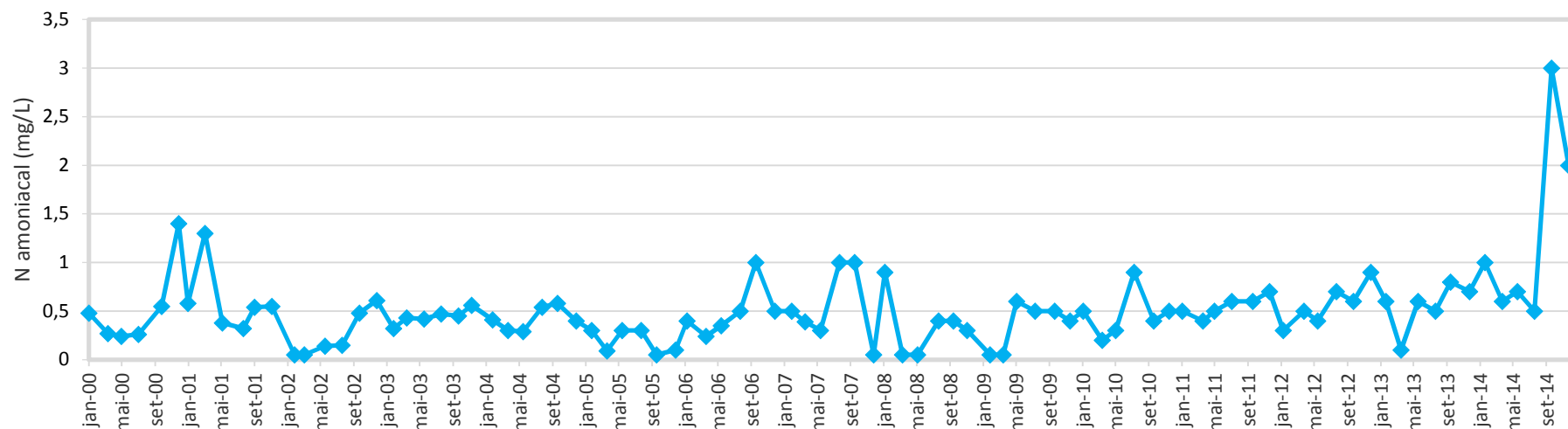
PCAB 02100 – Clorofila a ($\mu\text{g/L}$)



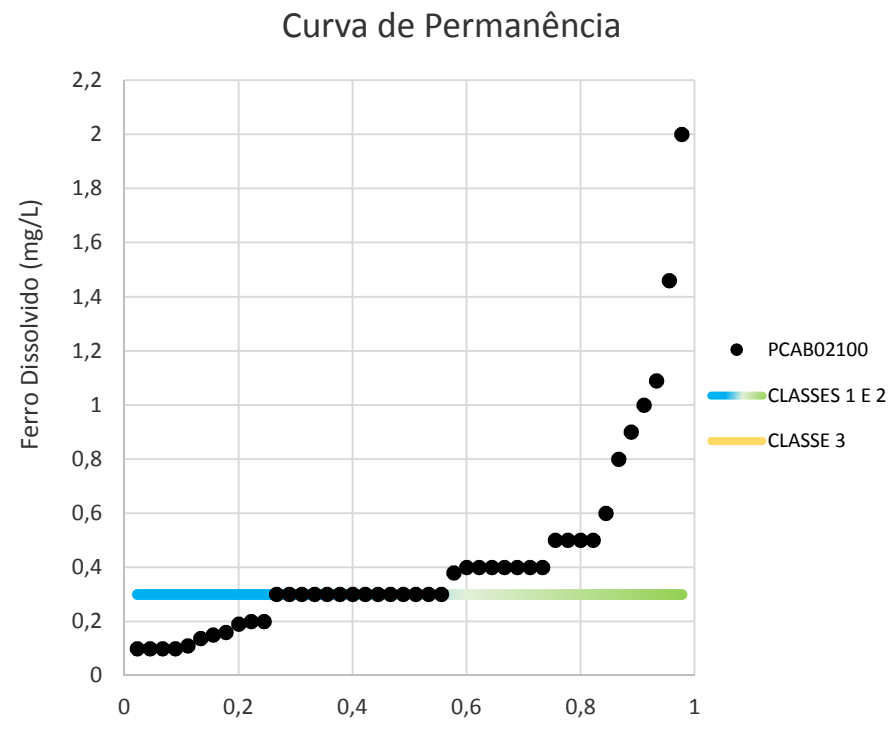
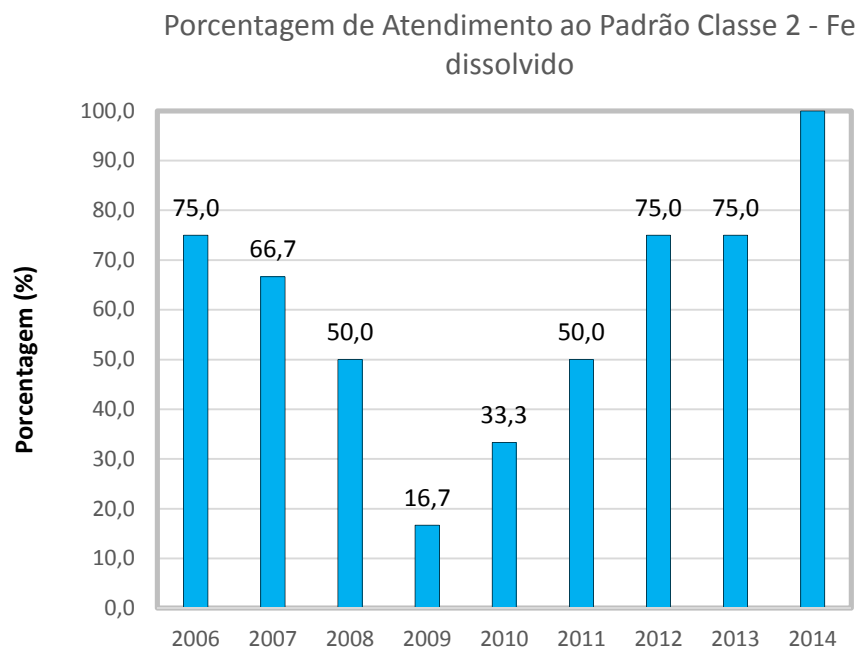
PCAB 02100– Nitrogênio Amoniacal (mg/L)



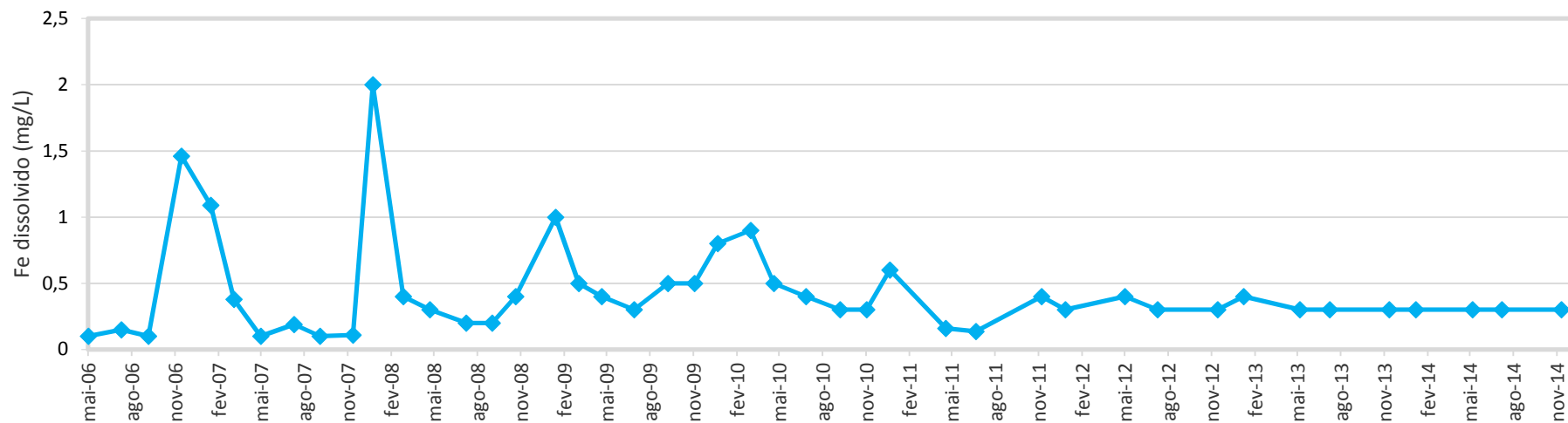
Evolução Temporal



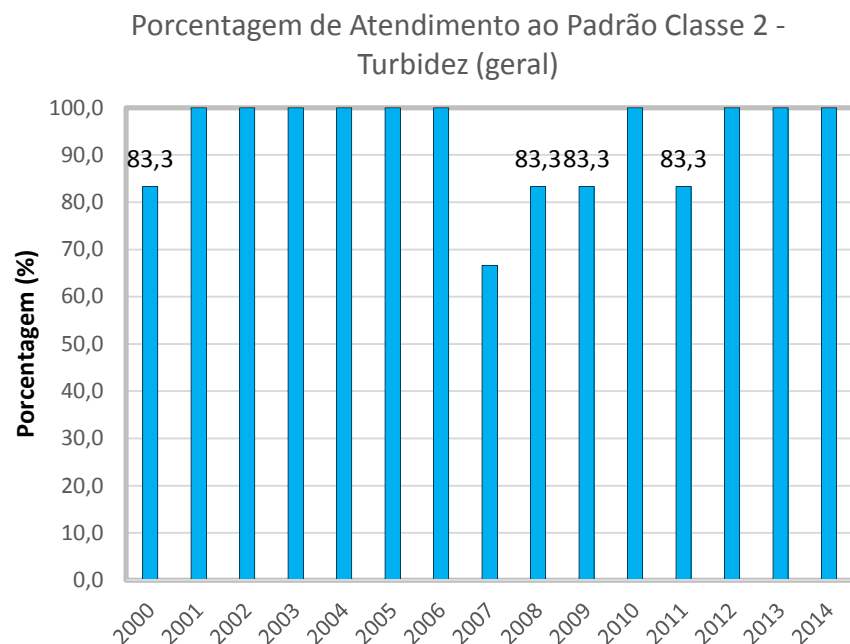
PCAB 02100 – Ferro Dissolvido (mg/L)



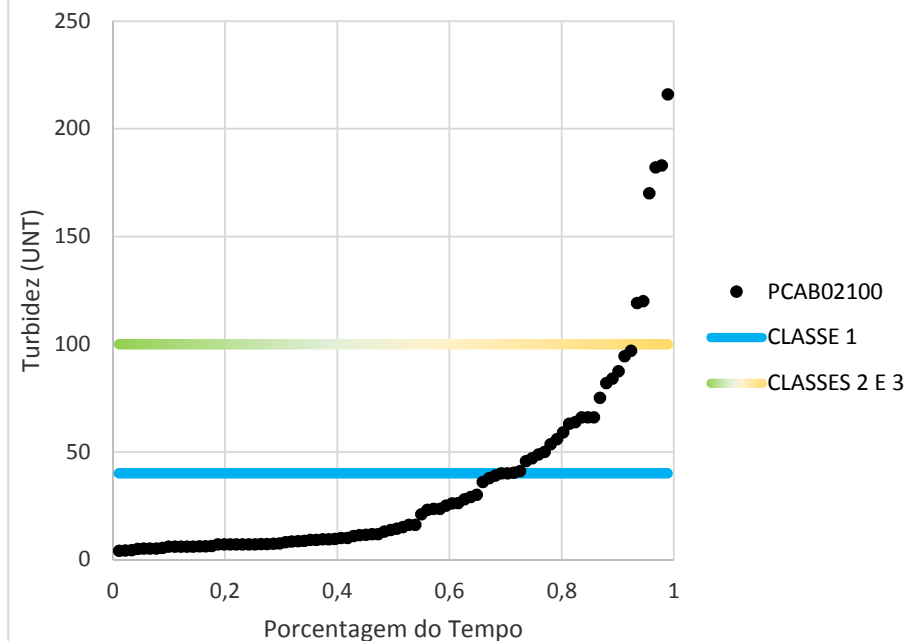
Evolução Temporal



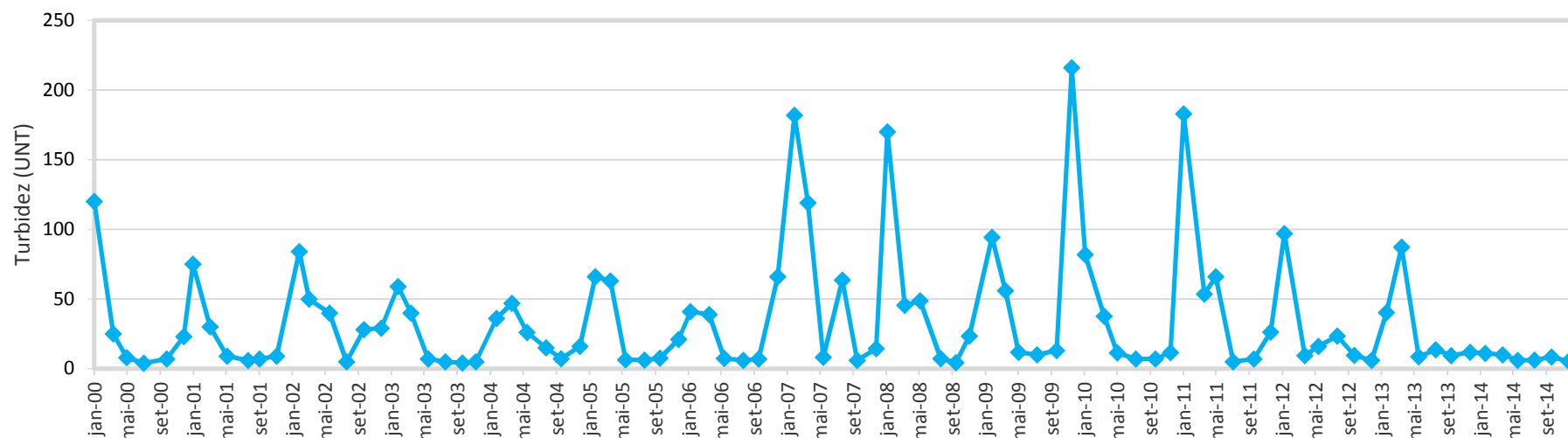
PCAB 02100 – Turbidez (UNT)



Curva de Permanência- Turbidez

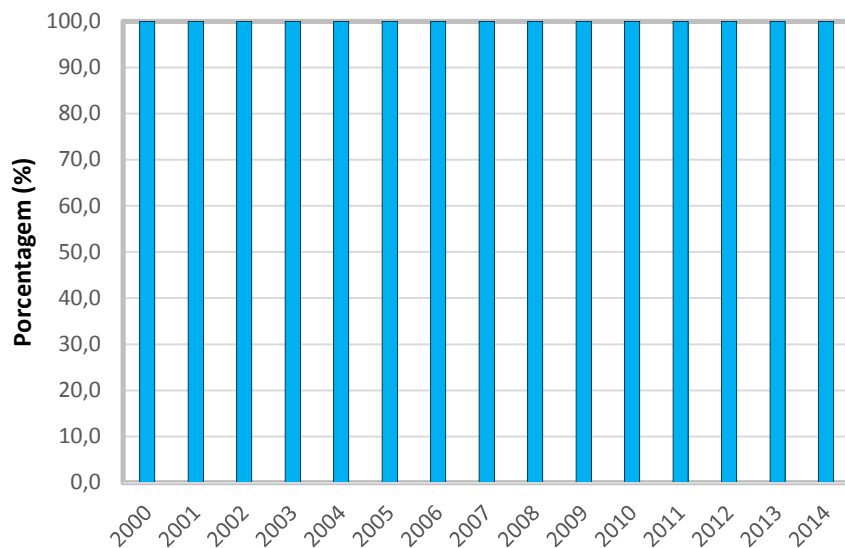


Evolução Temporal

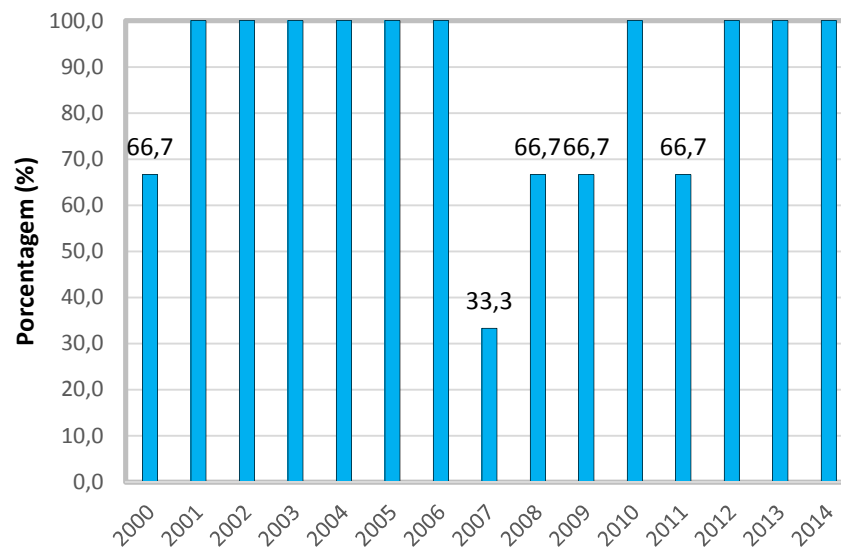


PCAB 02100 – Turbidez (Período Seco x Período Chuvoso)

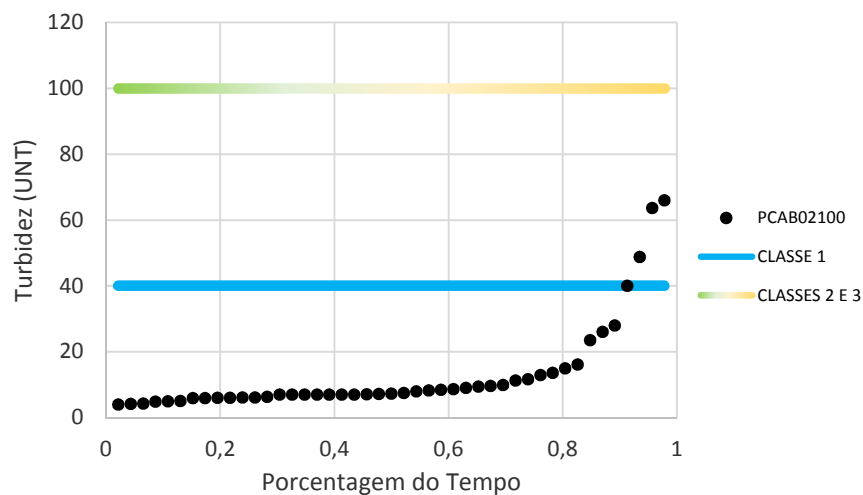
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



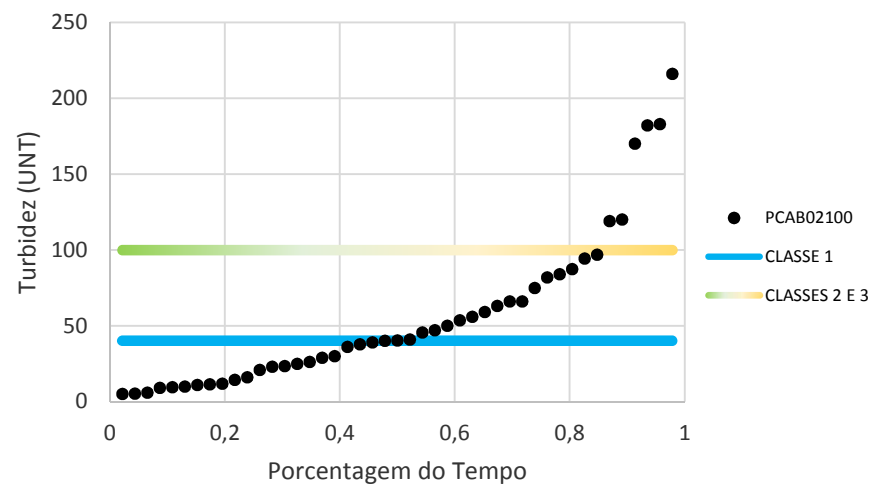
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

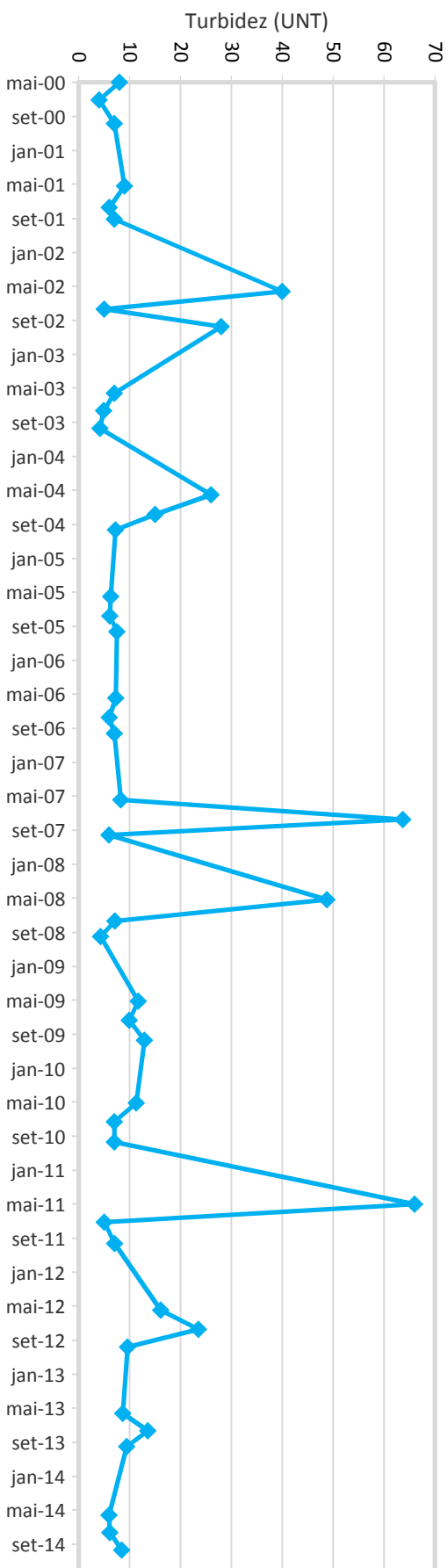


Curva de Permanência- Turbidez
Período Chuvoso

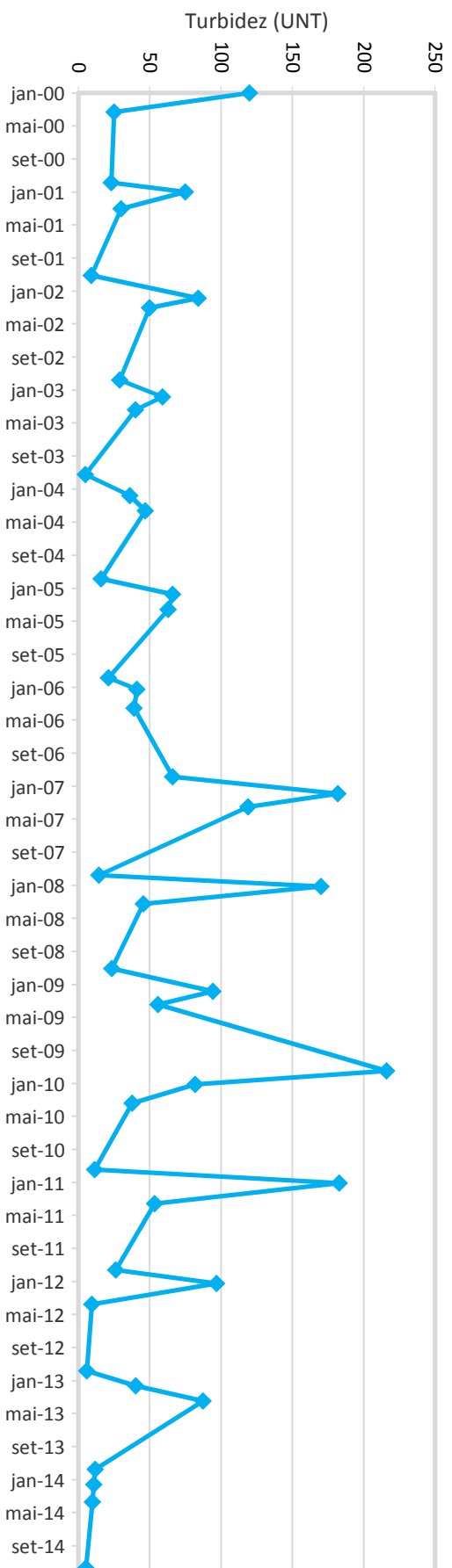


PCAB 02100 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

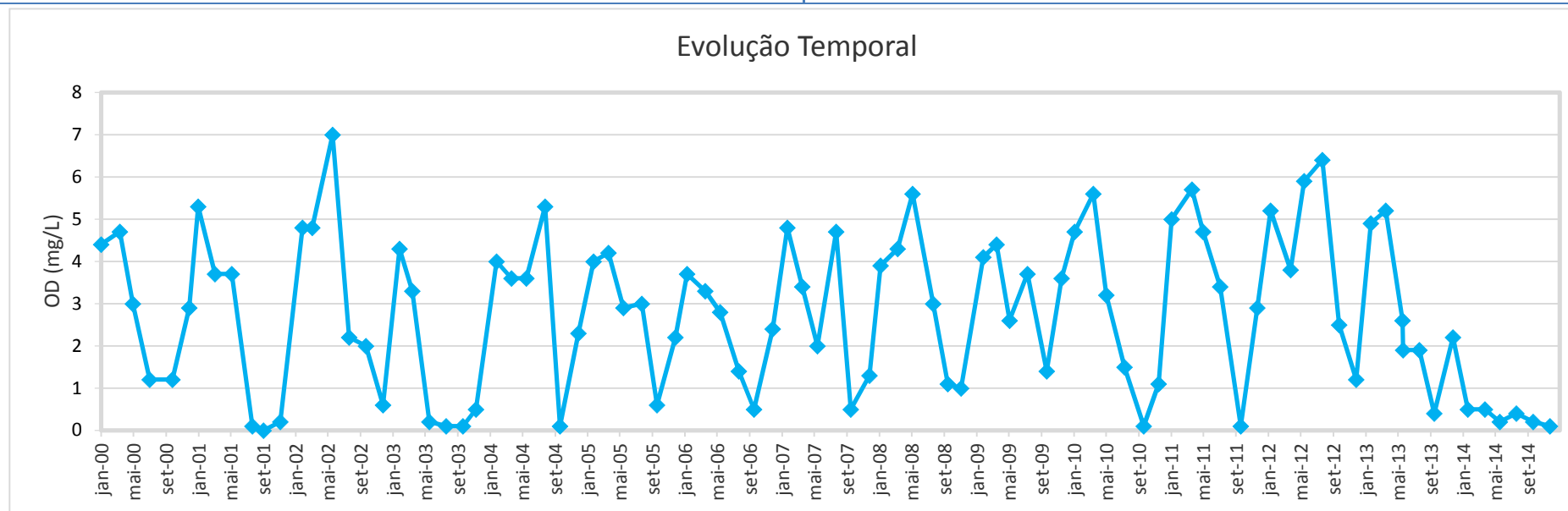
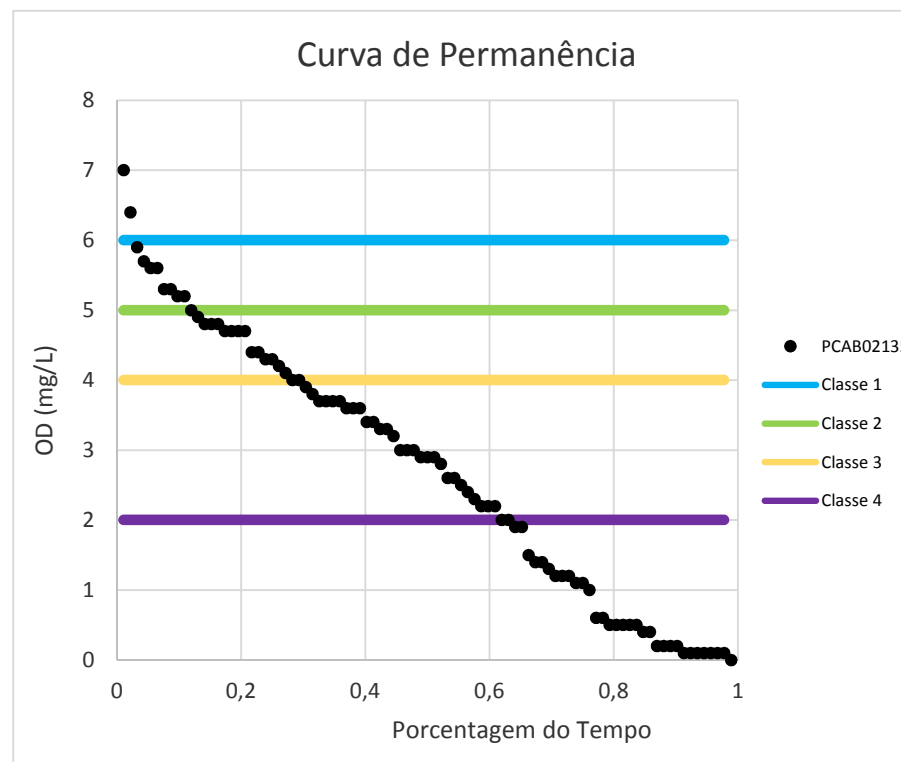
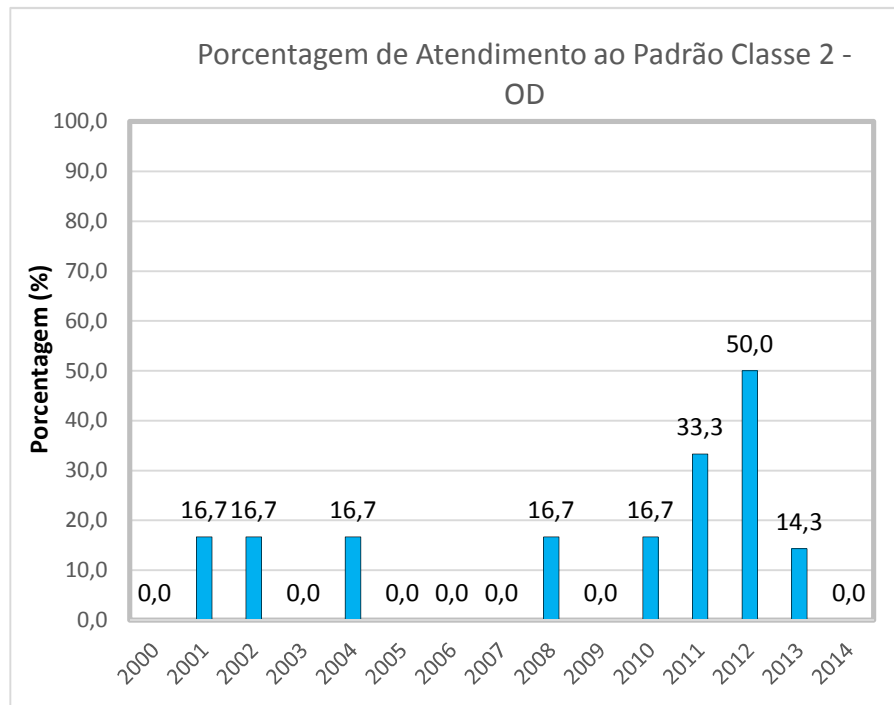


Evolução Temporal - Período Chuvoso

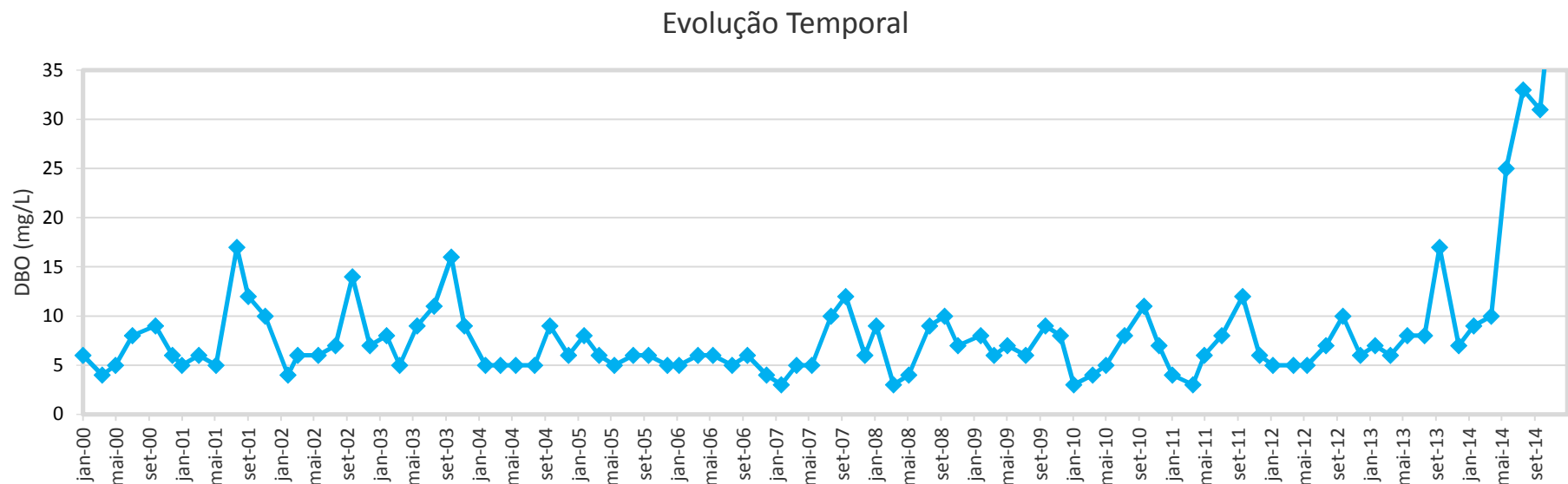
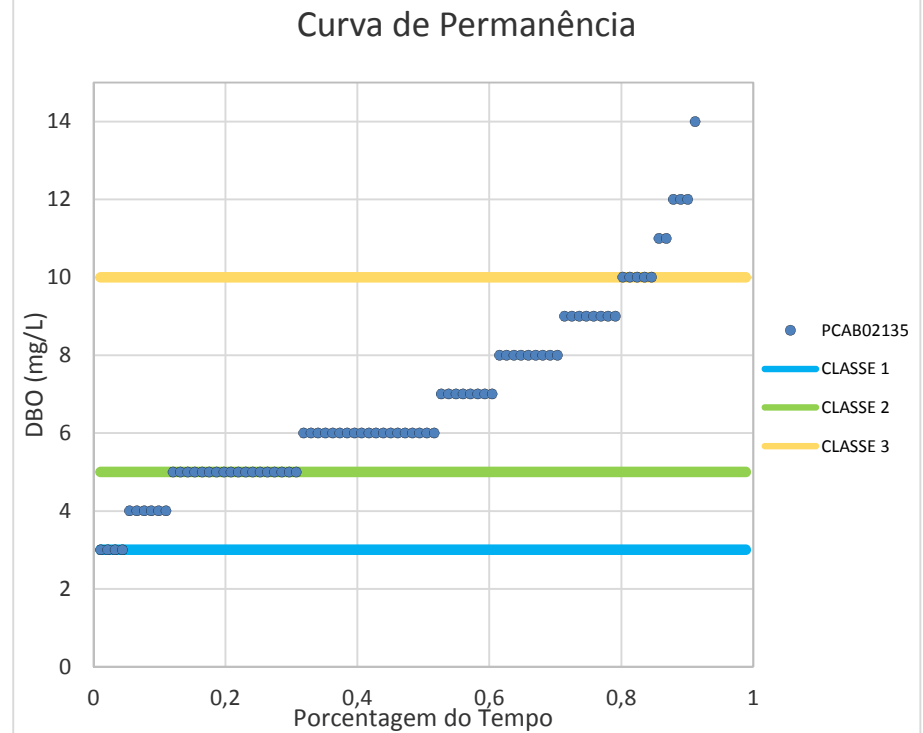
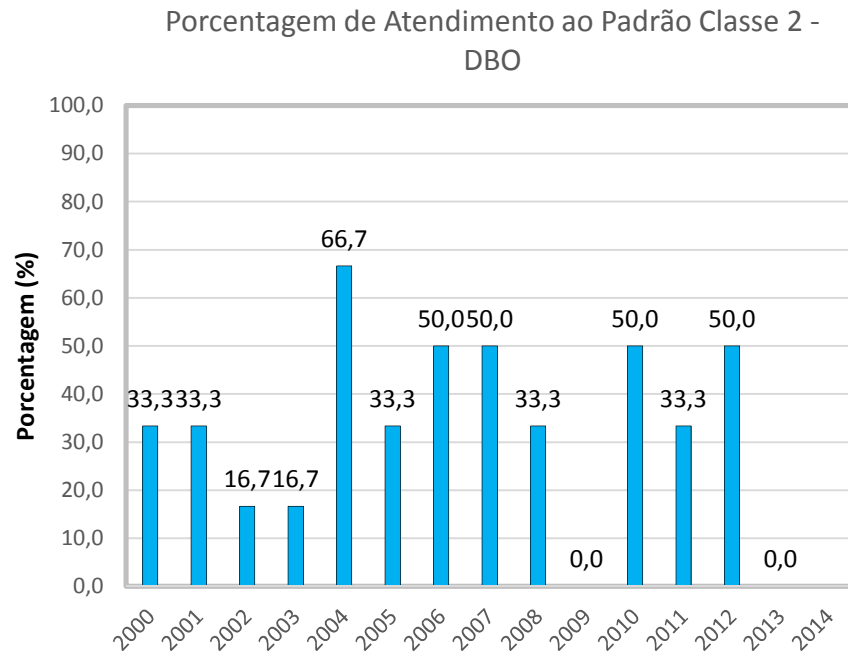


Rio Piracicaba
PCAB 02135

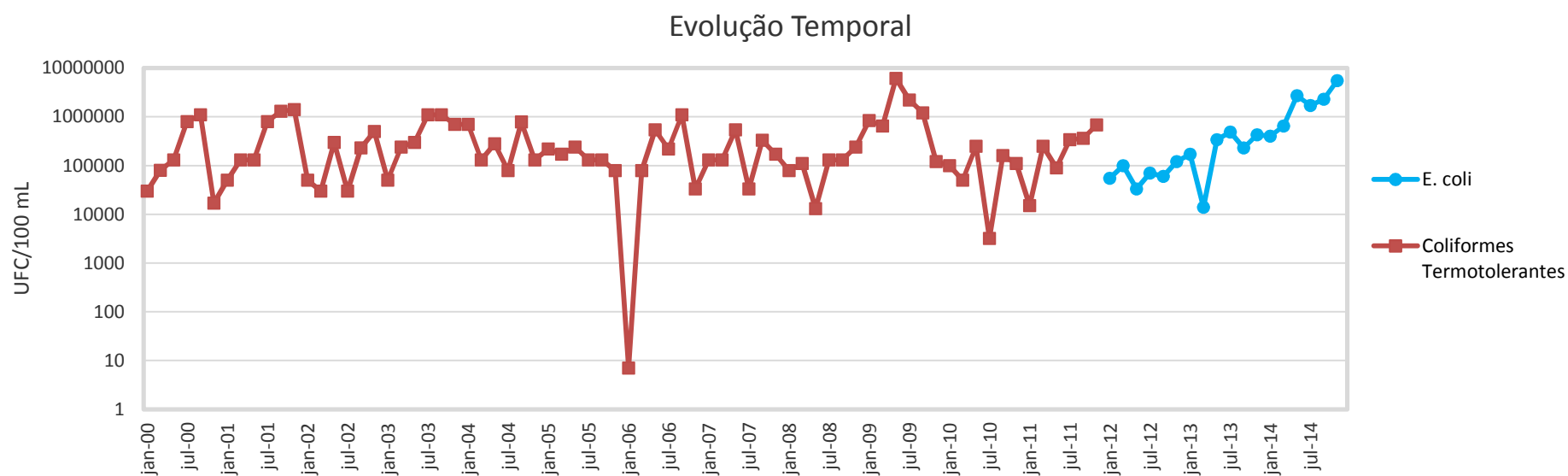
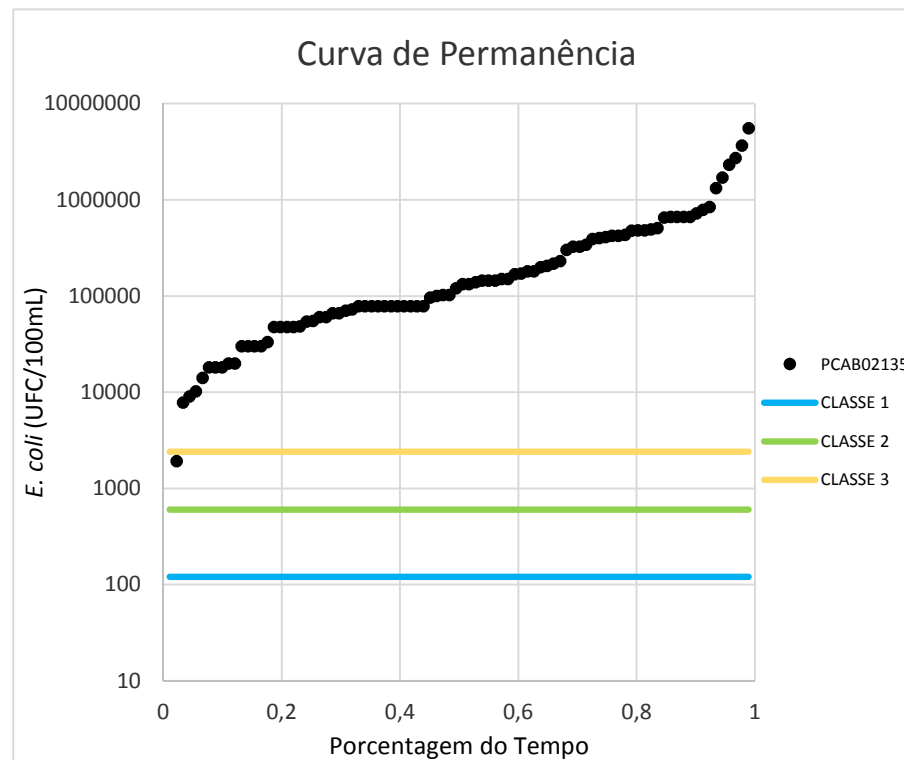
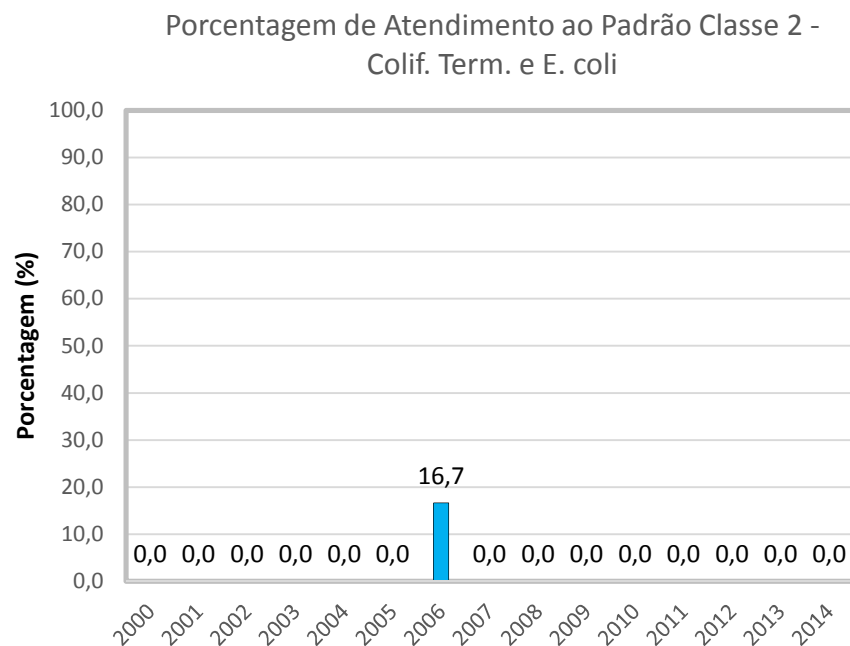
PCAB 02135 – Oxigênio Dissolvido (mg/L)



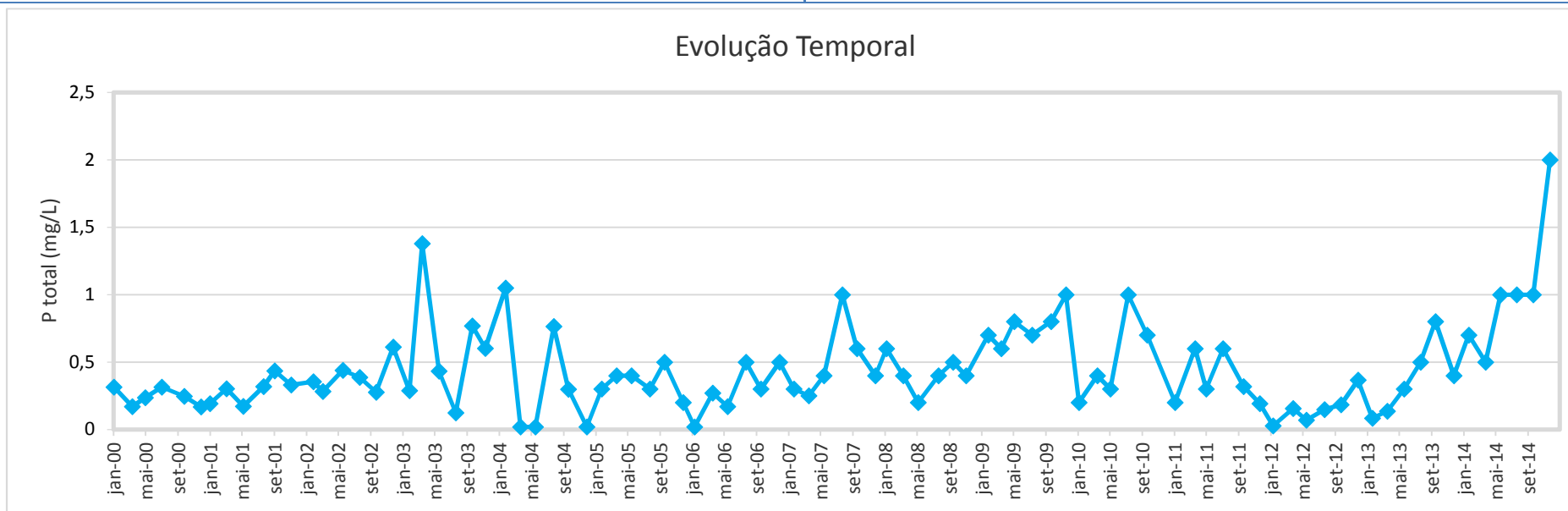
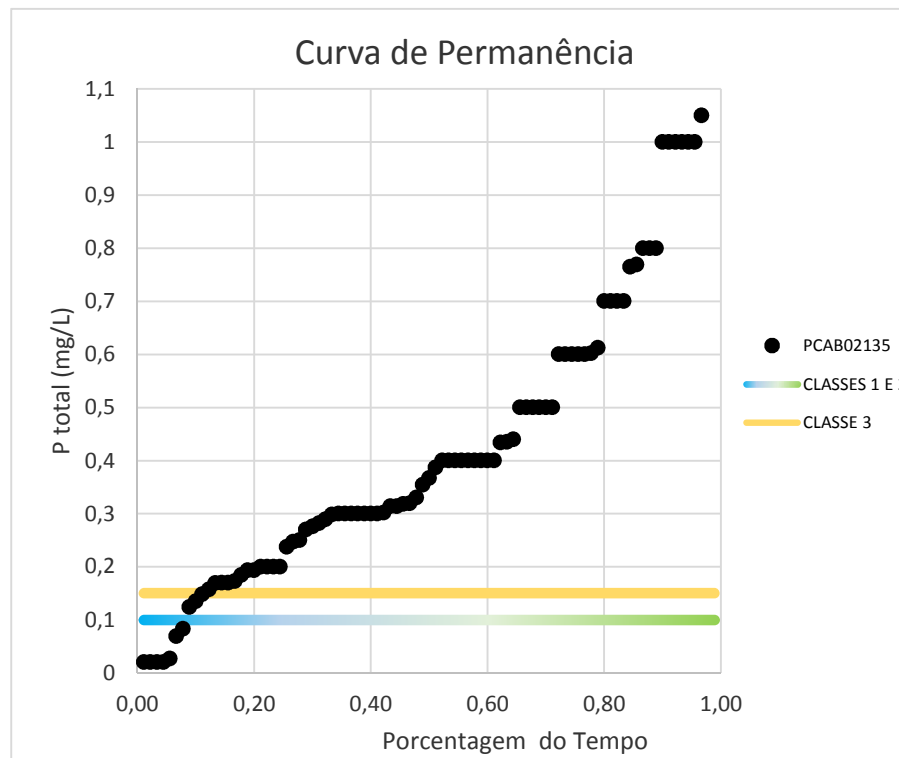
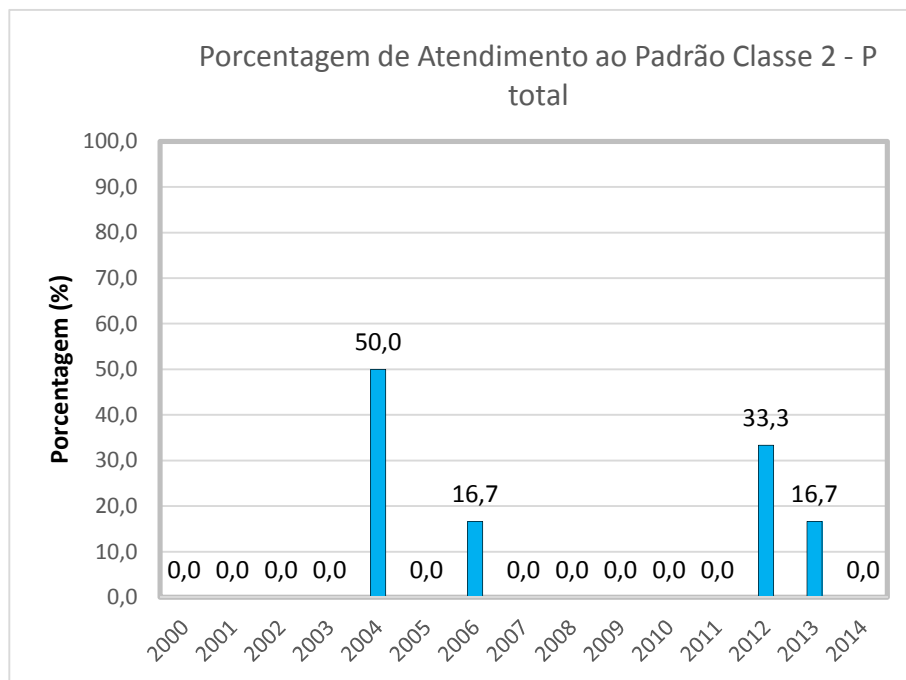
PCAB 02135 – DBO (mg/L)



PCAB 02135 – *Escherichia coli* (UFC/100mL)

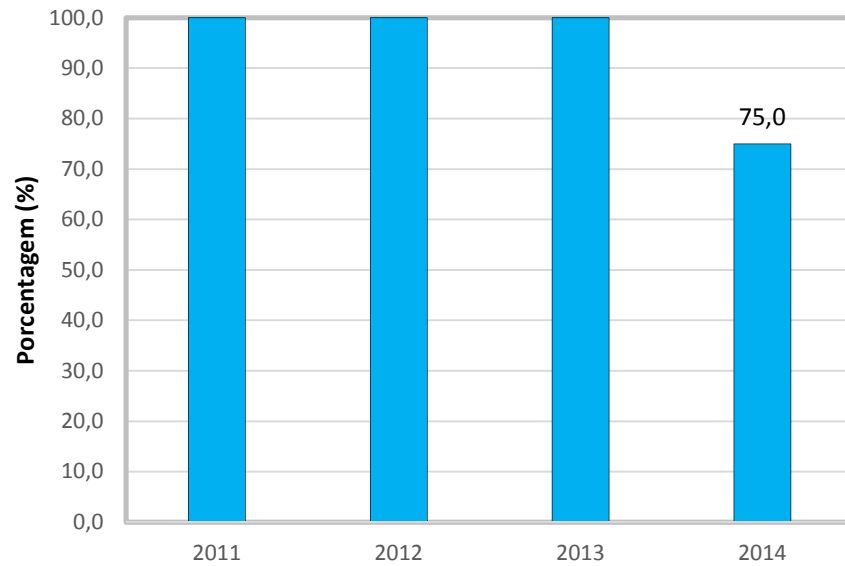


PCAB 02135 – Fósforo Total (mg/L)

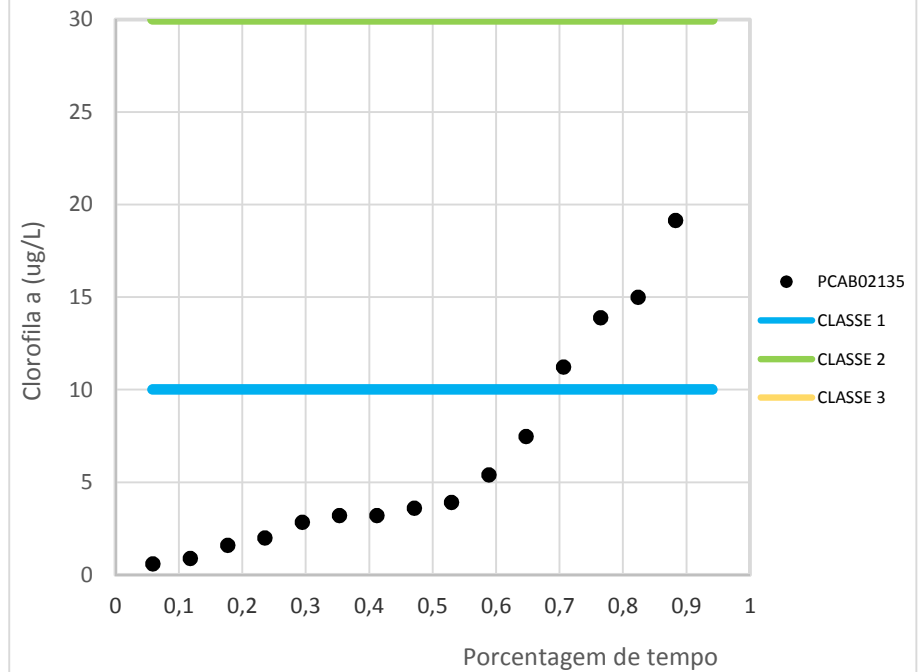


PCAB 02135 – Clorofila a ($\mu\text{g/L}$)

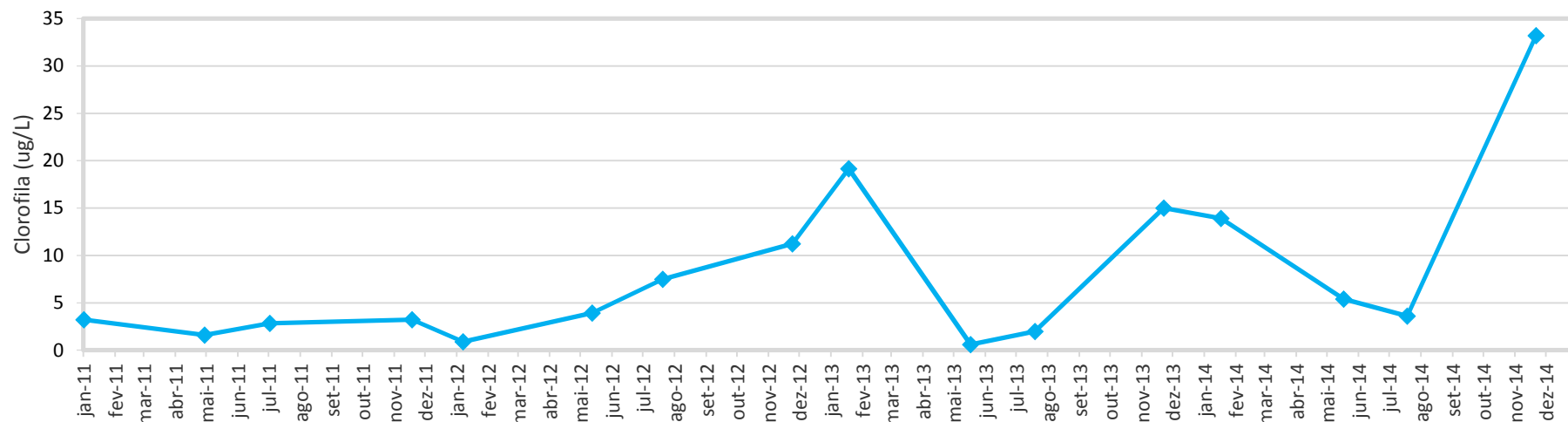
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila



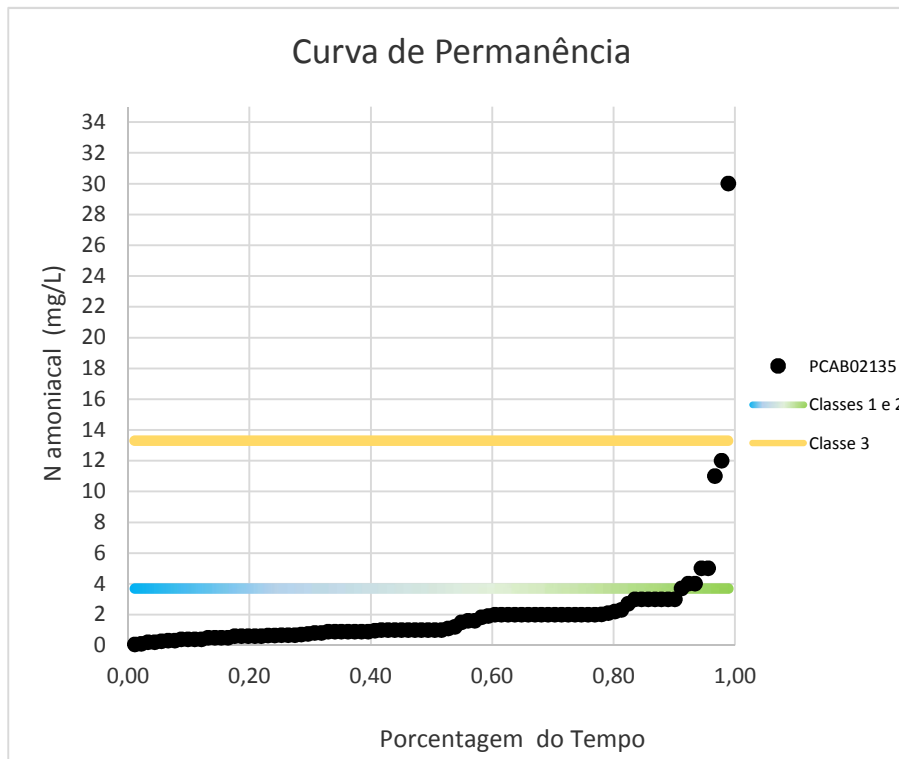
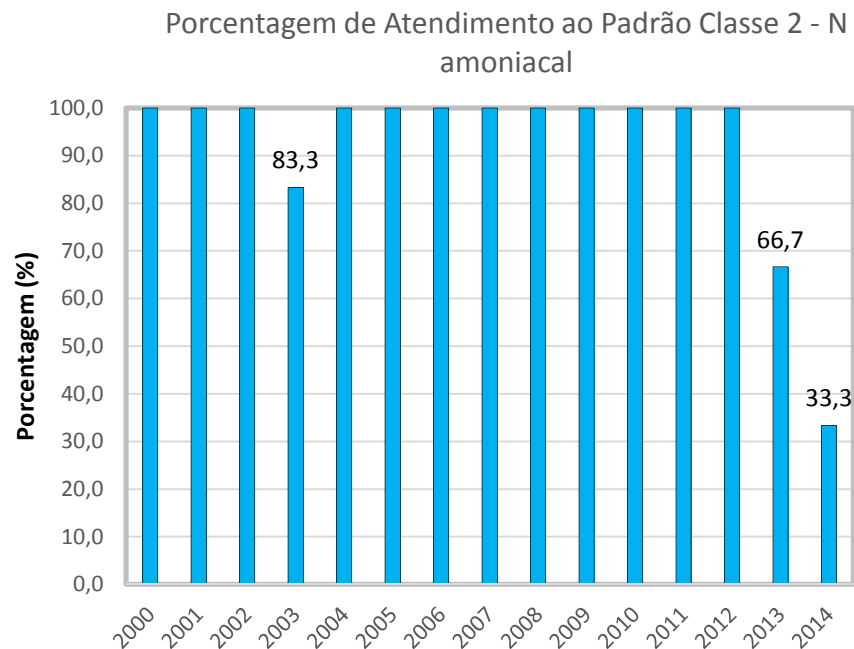
Curva de Permanência



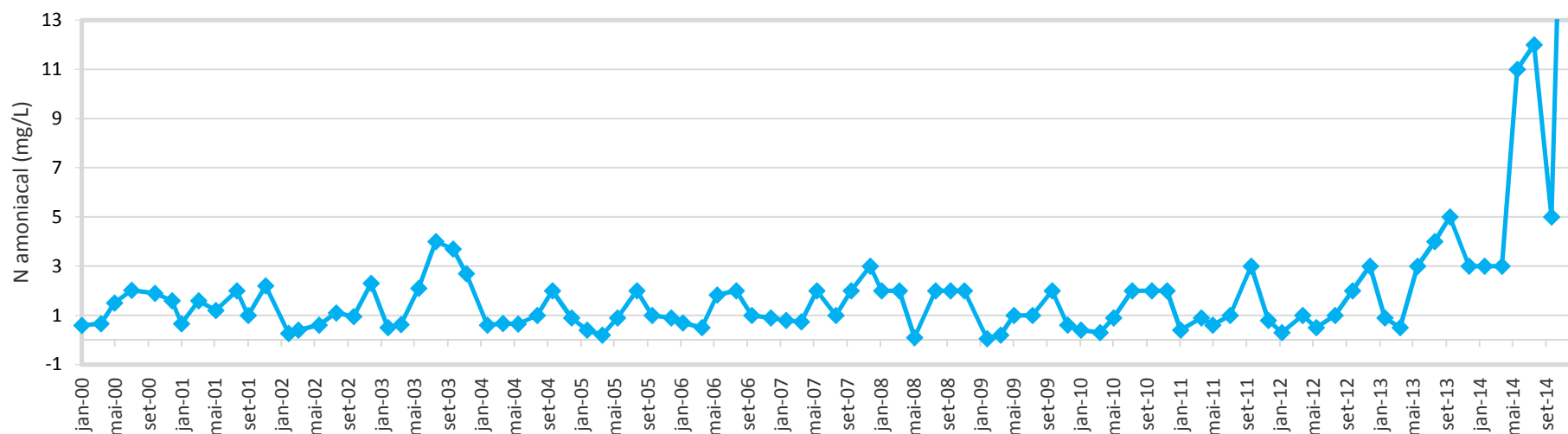
Evolução Temporal



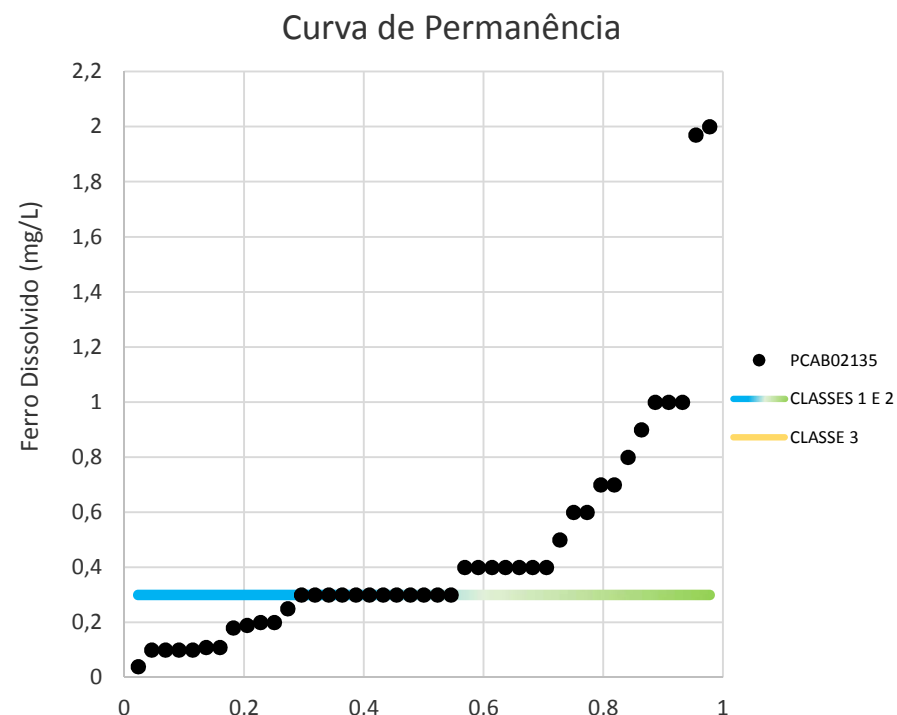
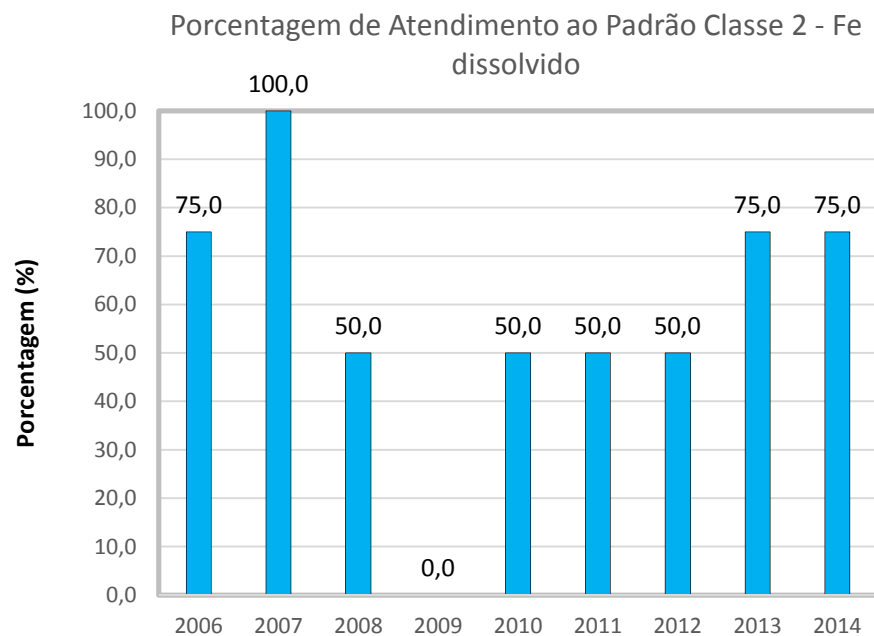
PCAB 02135– Nitrogênio Amoniacal (mg/L)



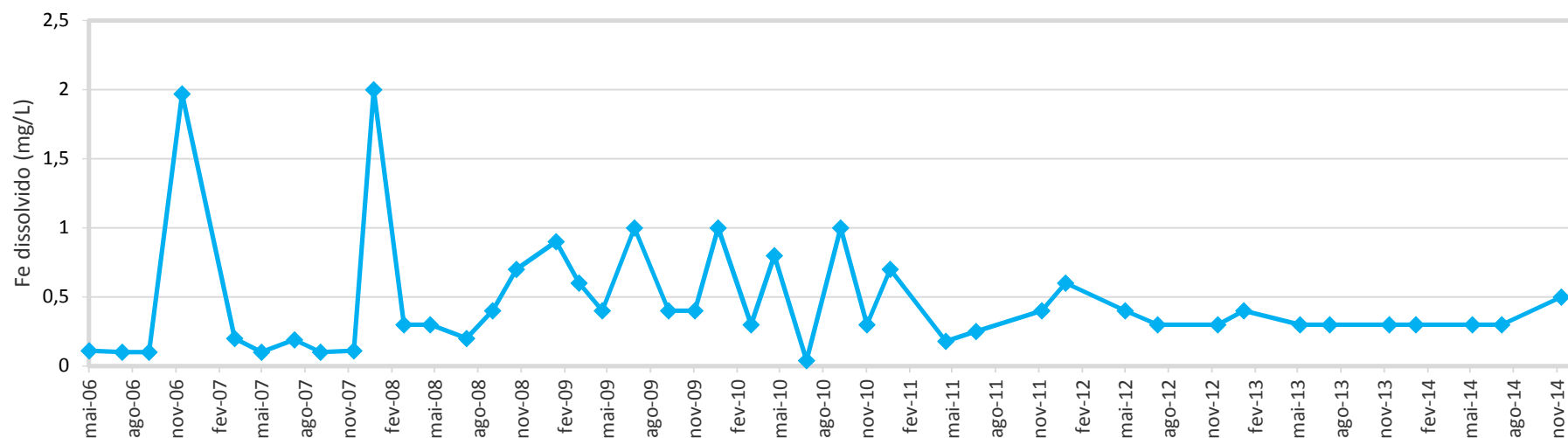
Evolução Temporal



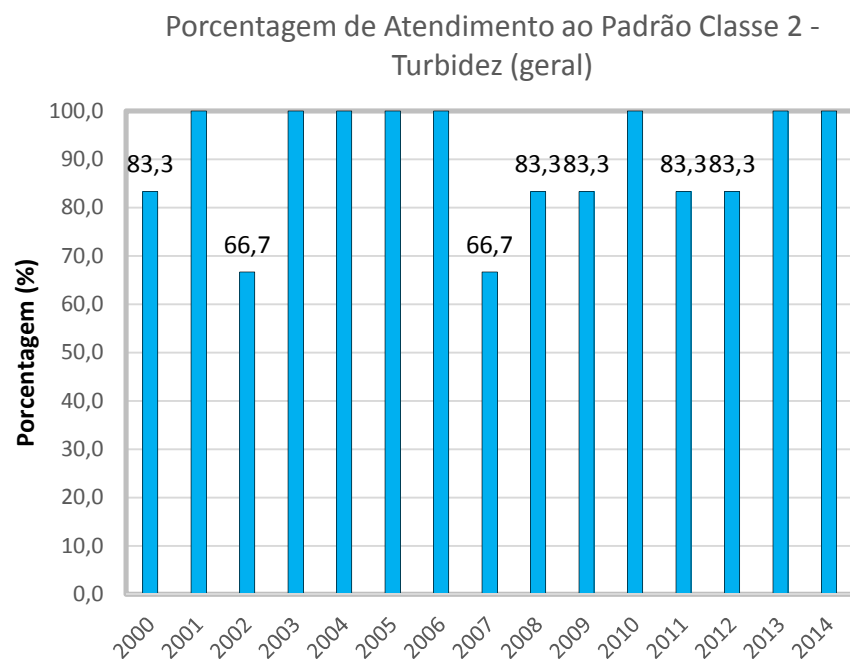
PCAB 02135 – Ferro Dissolvido (mg/L)



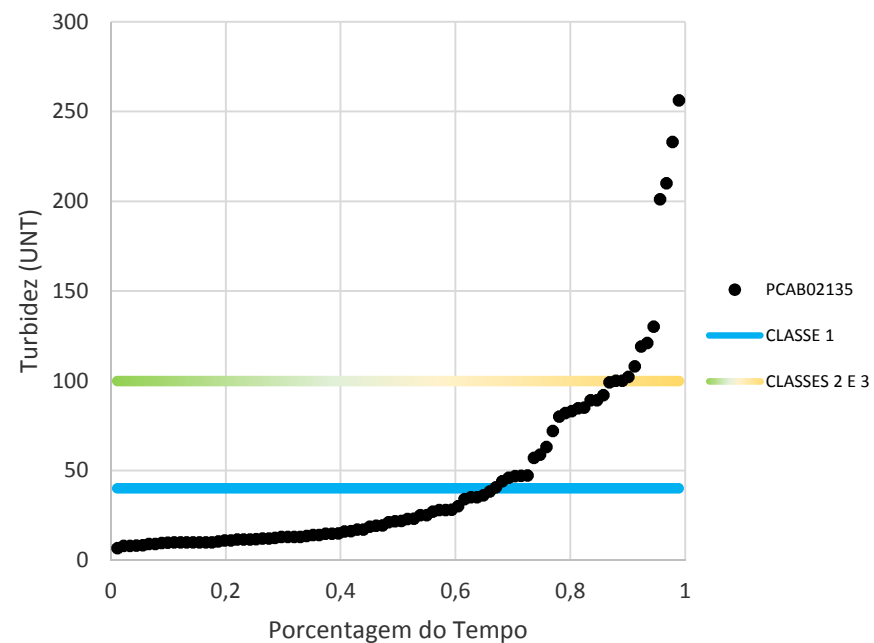
Evolução Temporal



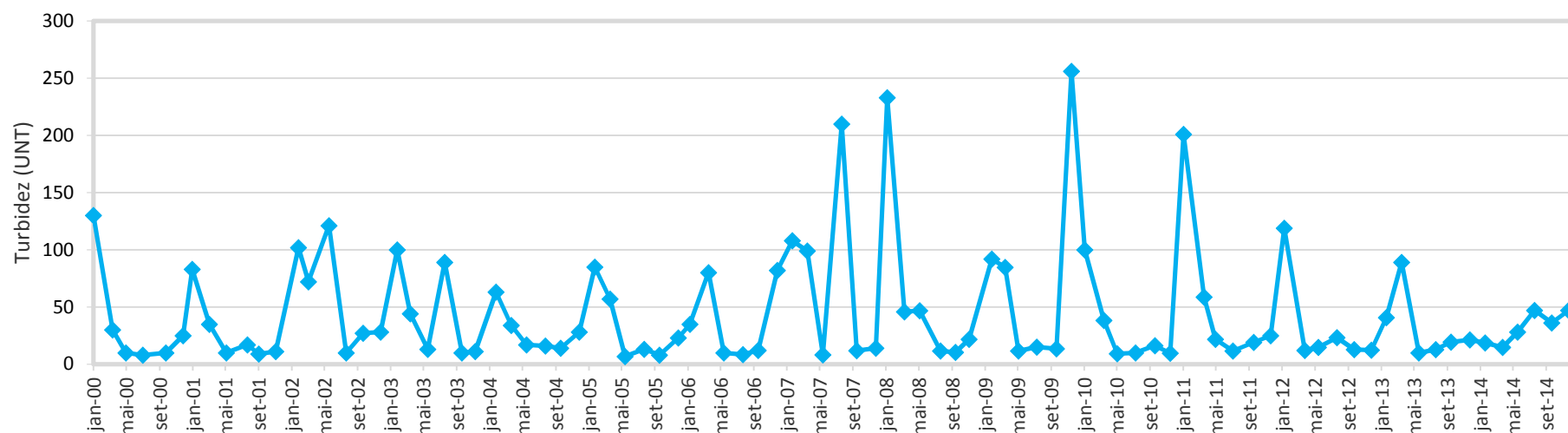
PCAB 02135 – Turbidez (UNT)



Curva de Permanência- Turbidez

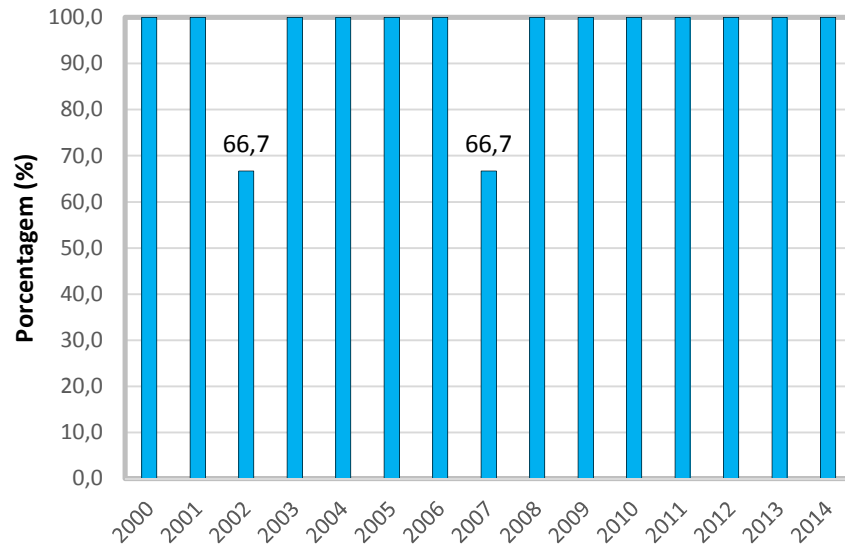


Evolução Temporal

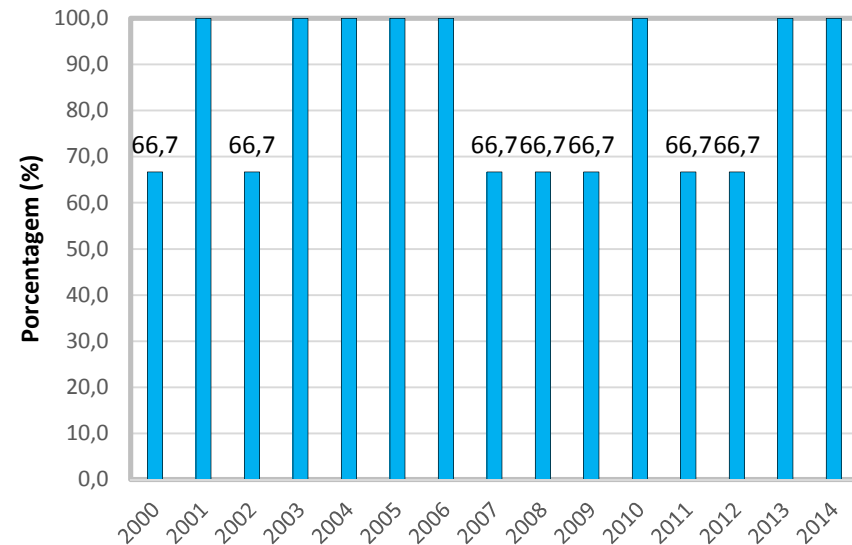


PCAB 02135 – Turbidez (Período Seco x Período Chuvoso)

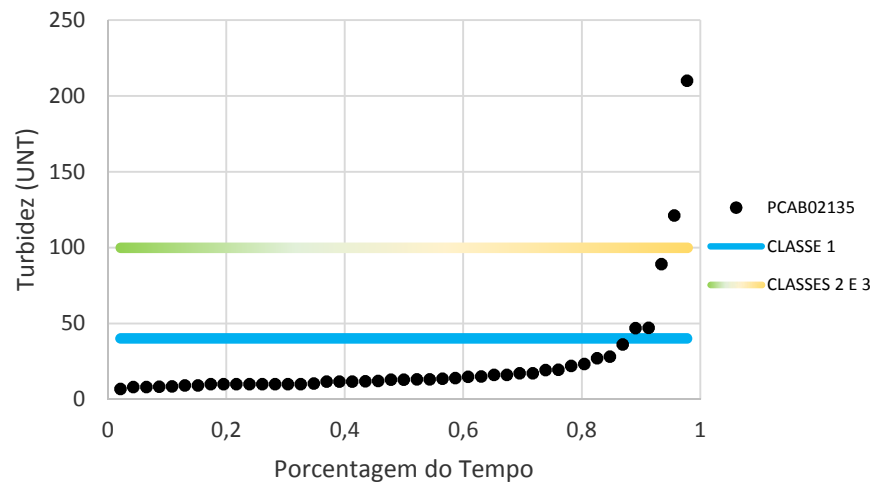
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



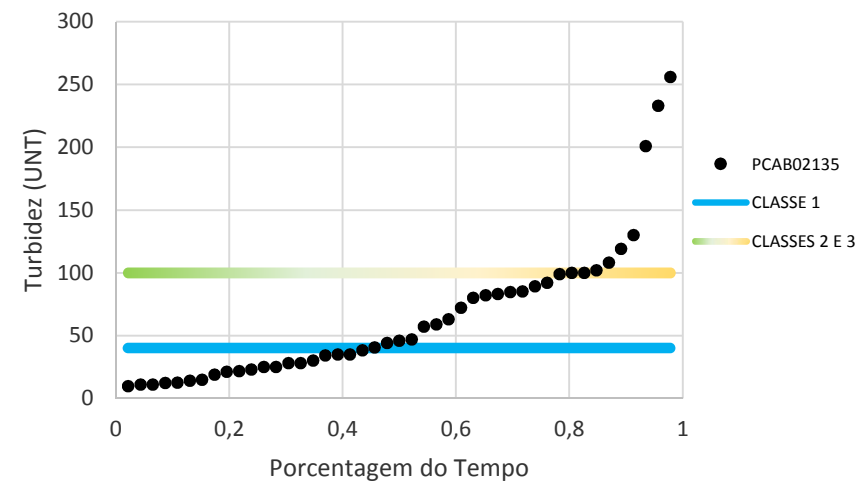
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



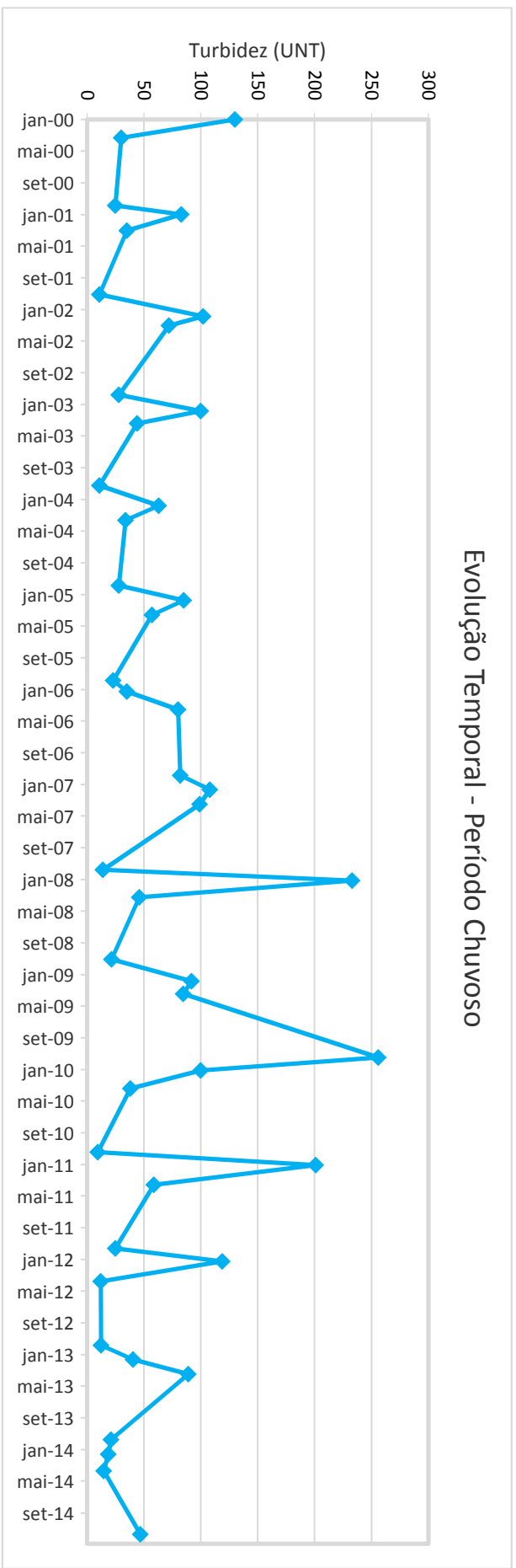
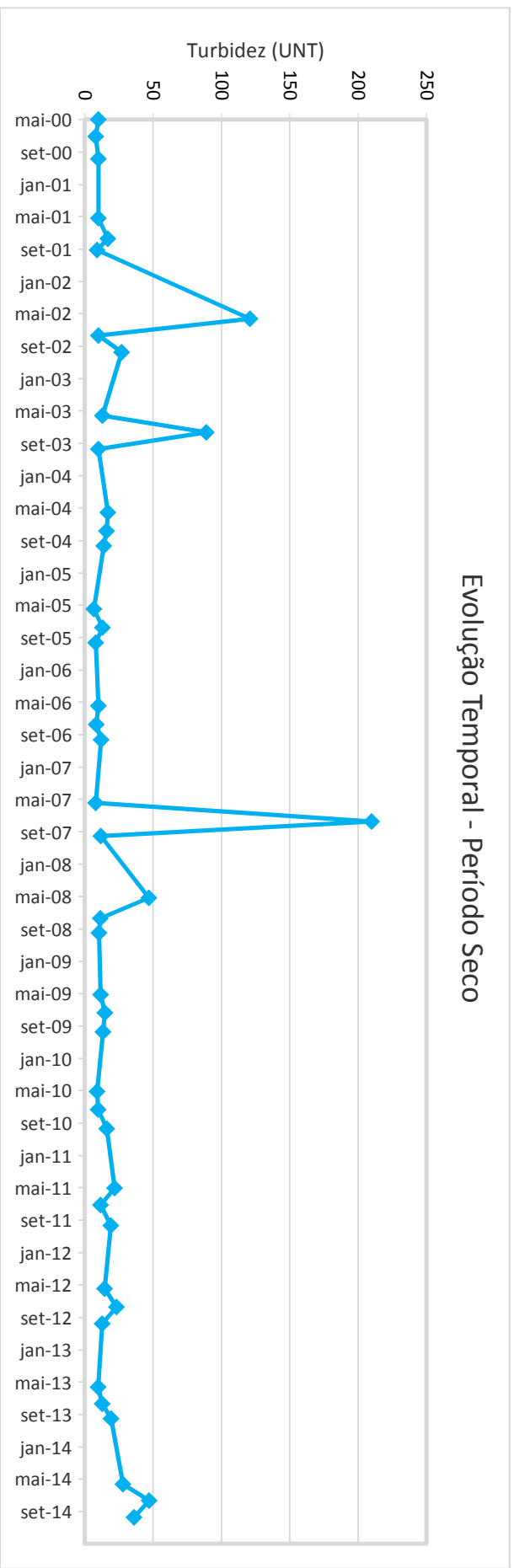
Curva de Permanência- Turbidez
Período Seco



Curva de Permanência- Turbidez
Período Chuvoso

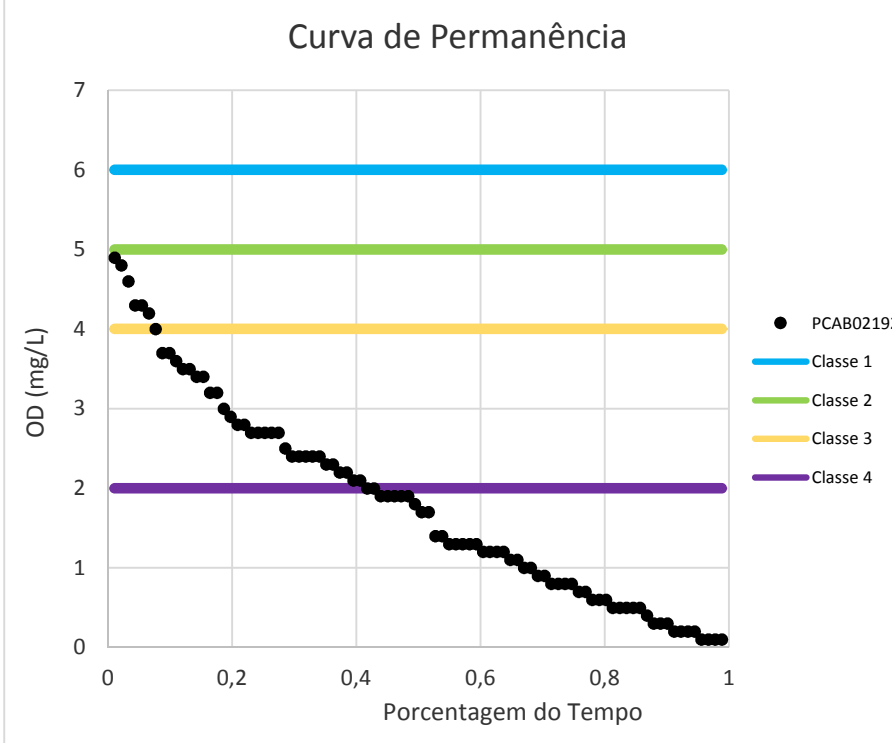
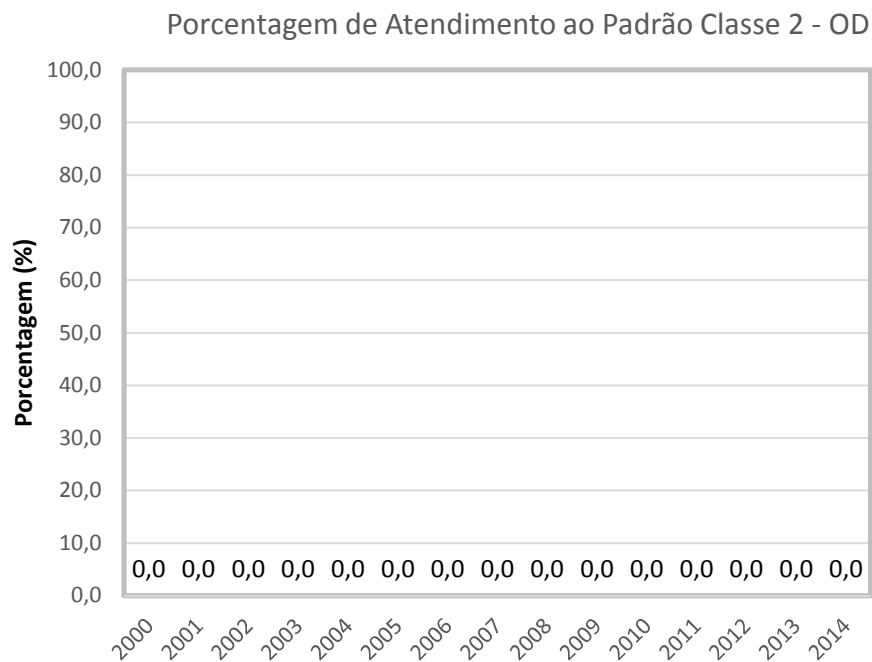


PCAB 02135 – Turbidez (Período Seco x Período Chuvoso)

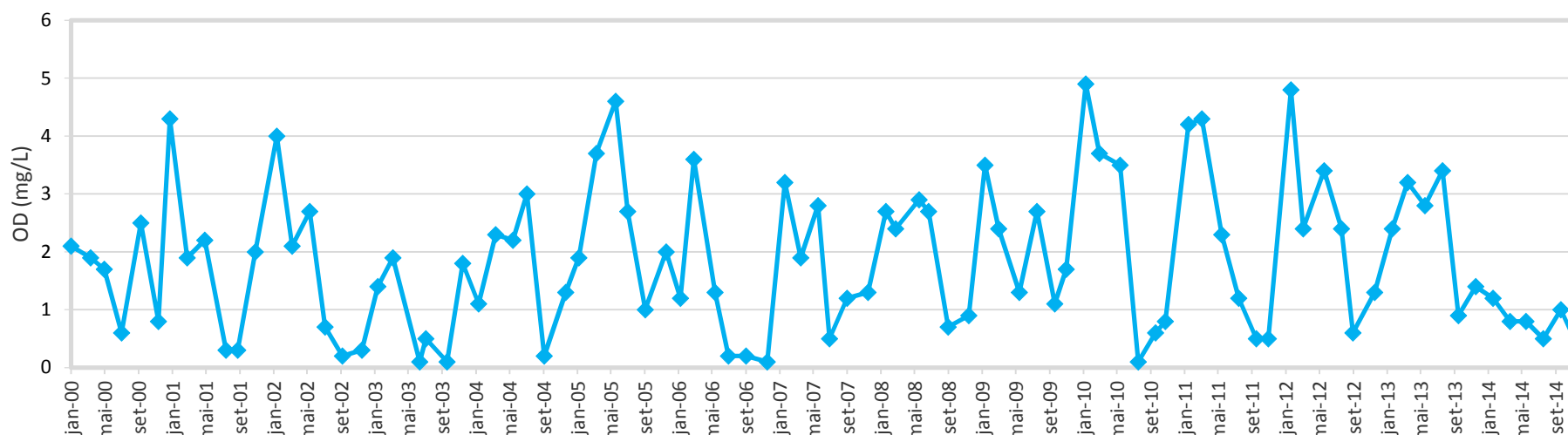


Rio Piracicaba
PCAB 02192

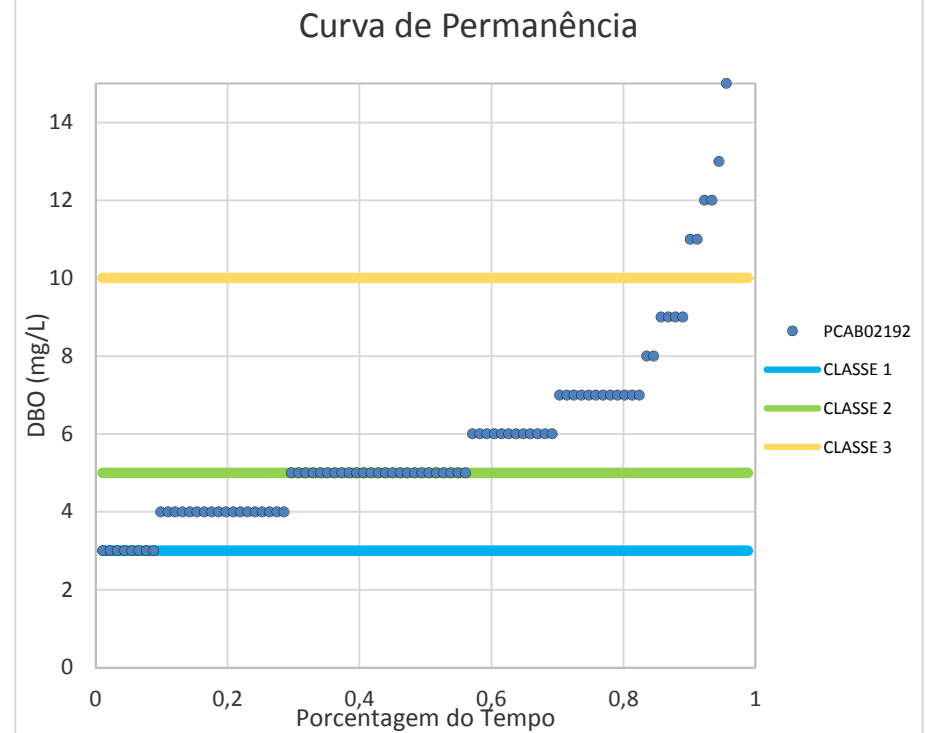
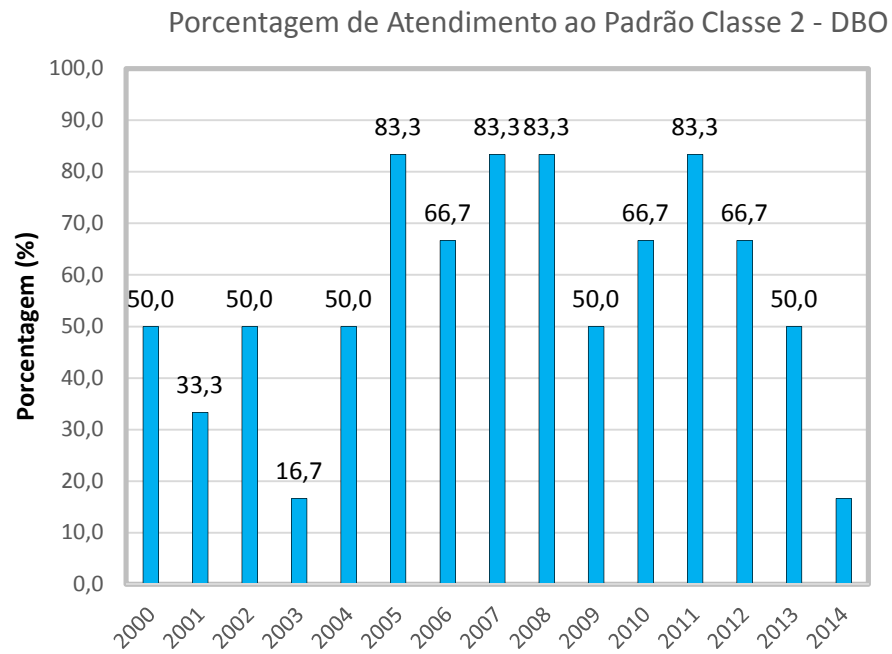
PCAB 02192 – Oxigênio Dissolvido (mg/L)



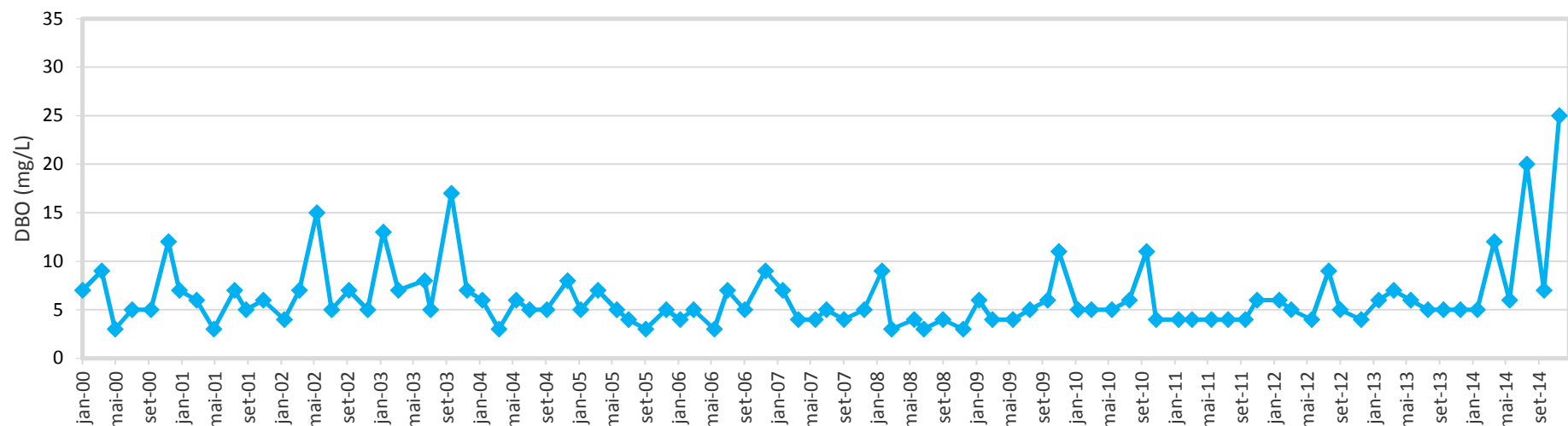
Evolução Temporal



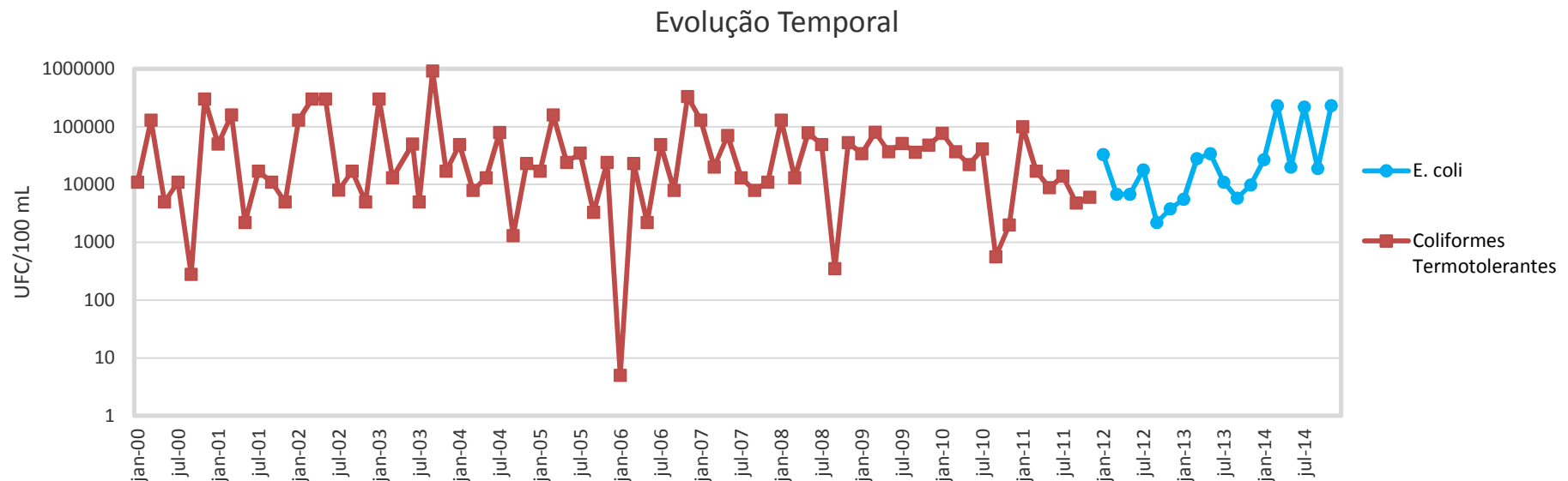
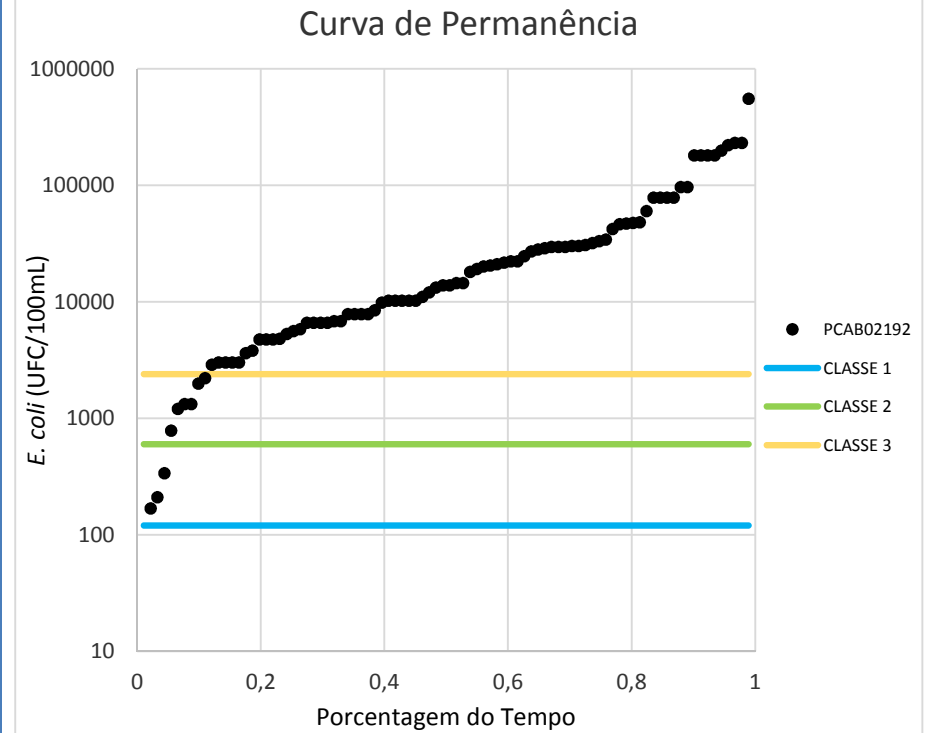
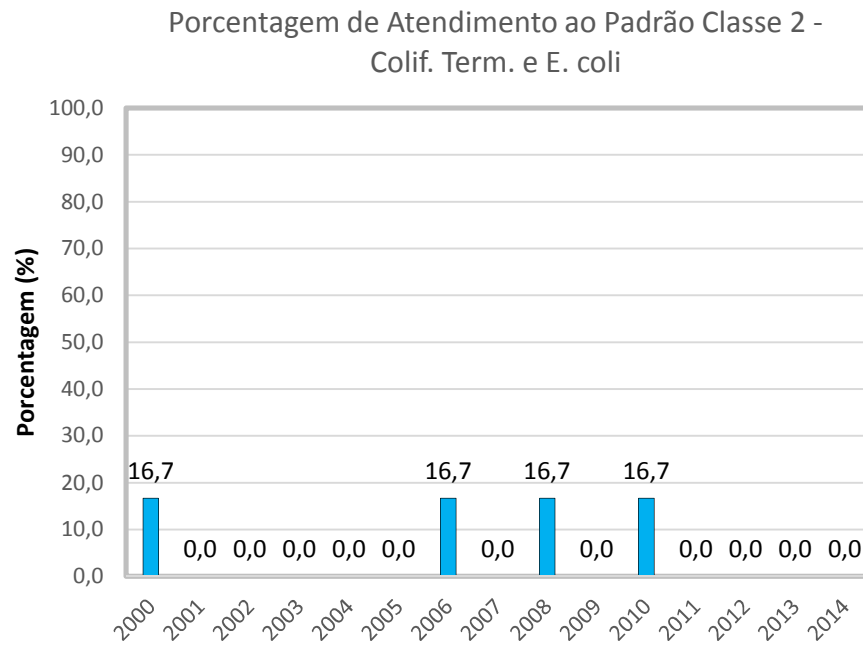
PCAB 02192 – DBO (mg/L)



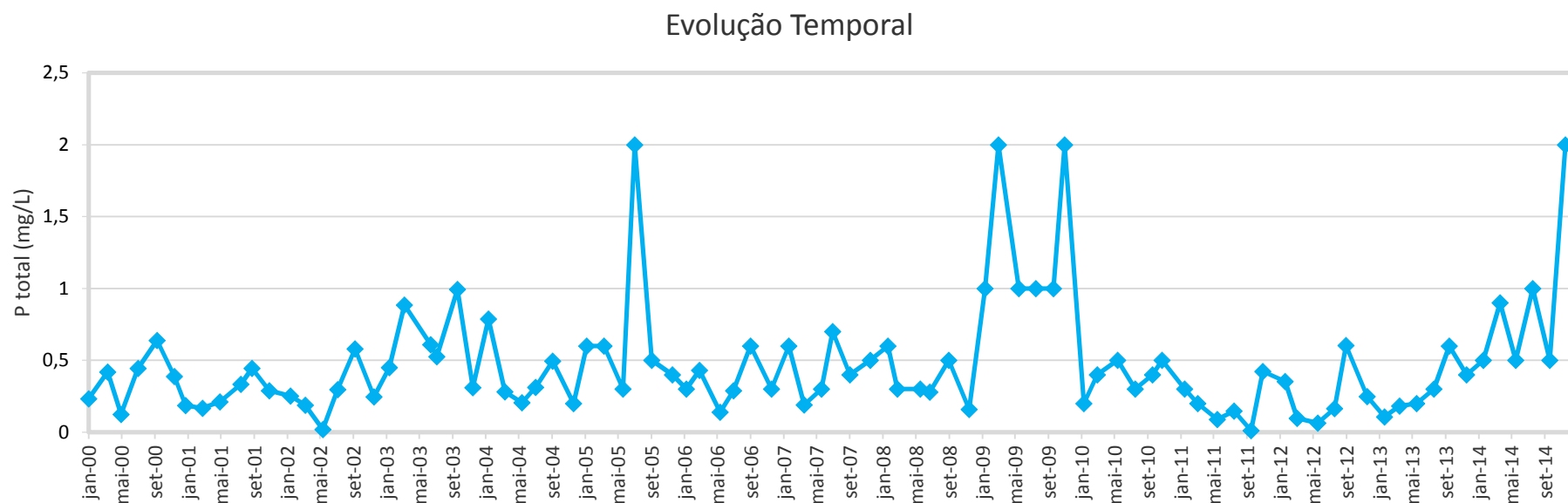
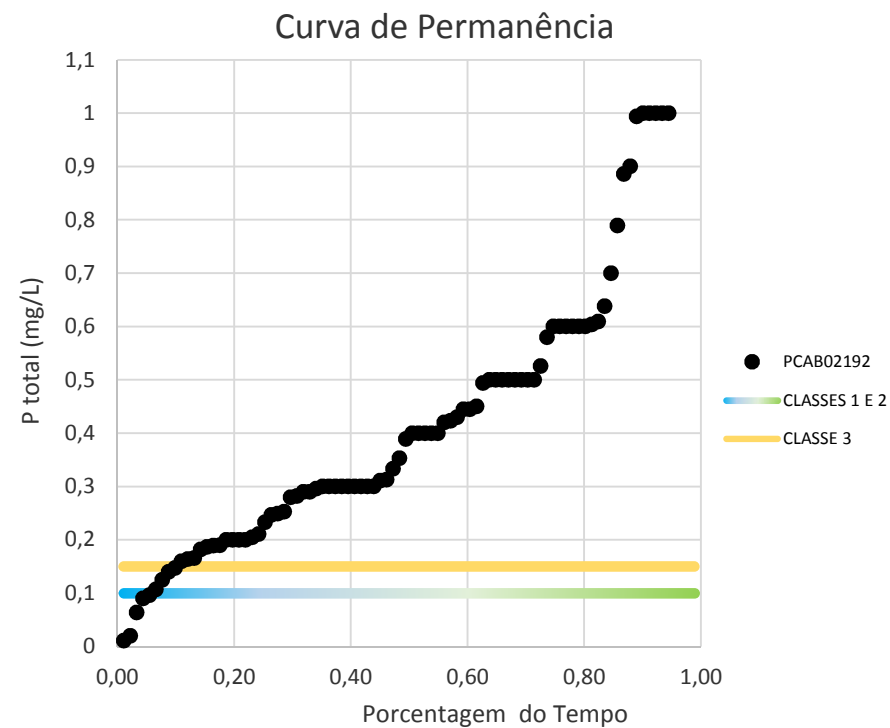
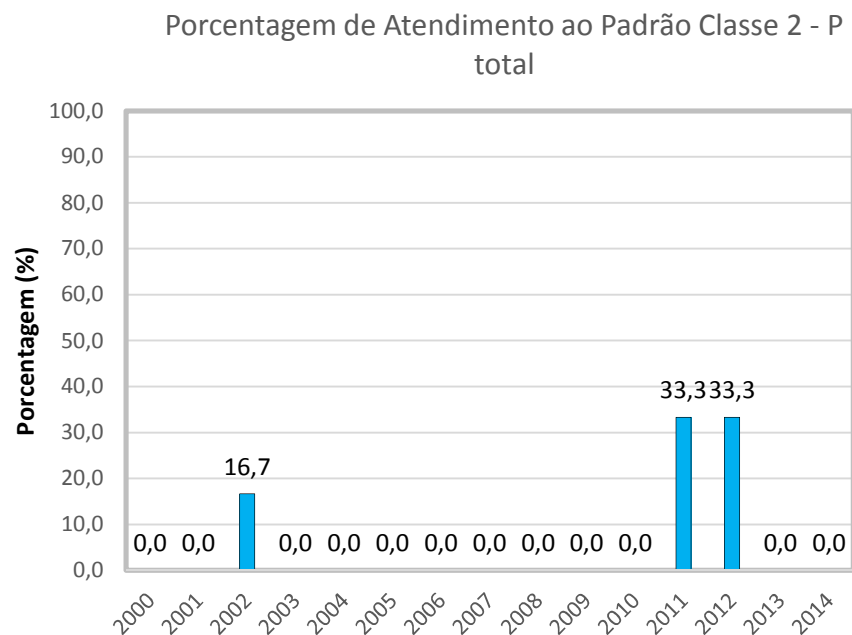
Evolução Temporal



PCAB 02192 – *Escherichia coli* (UFC/100mL)

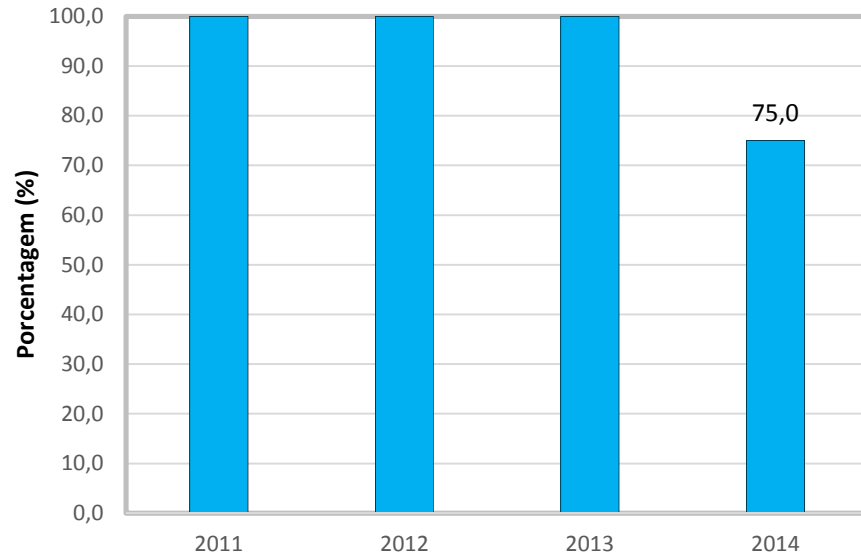


PCAB 02192 – Fósforo Total (mg/L)

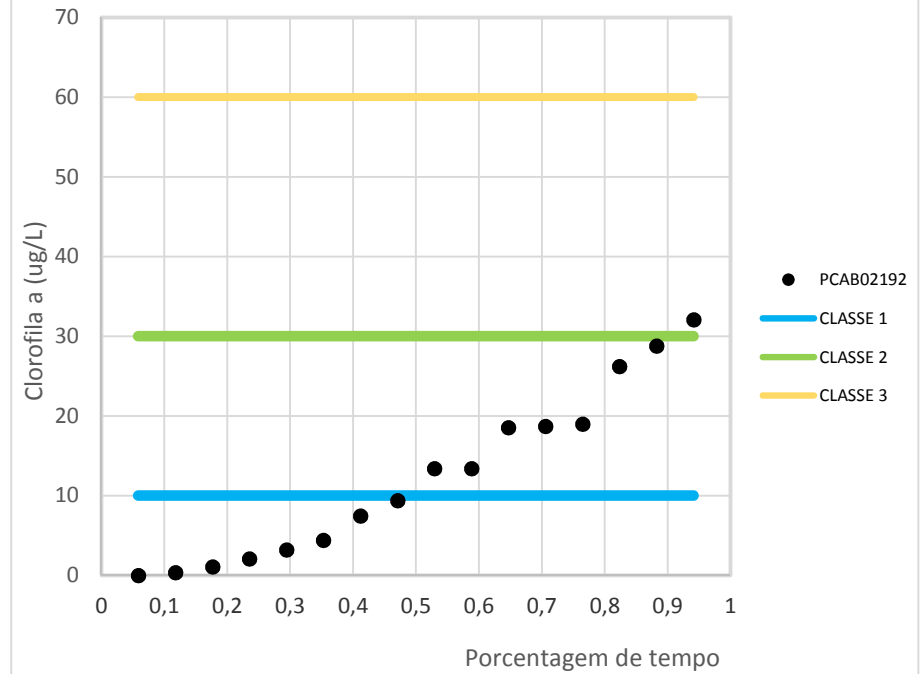


PCAB 02192 – Clorofila a (µg/L)

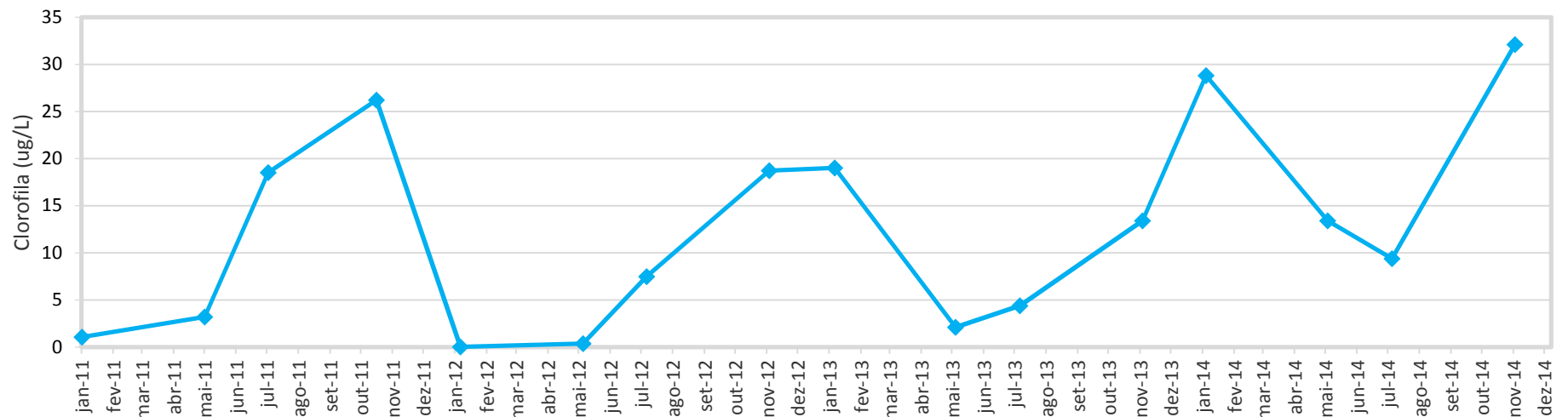
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila



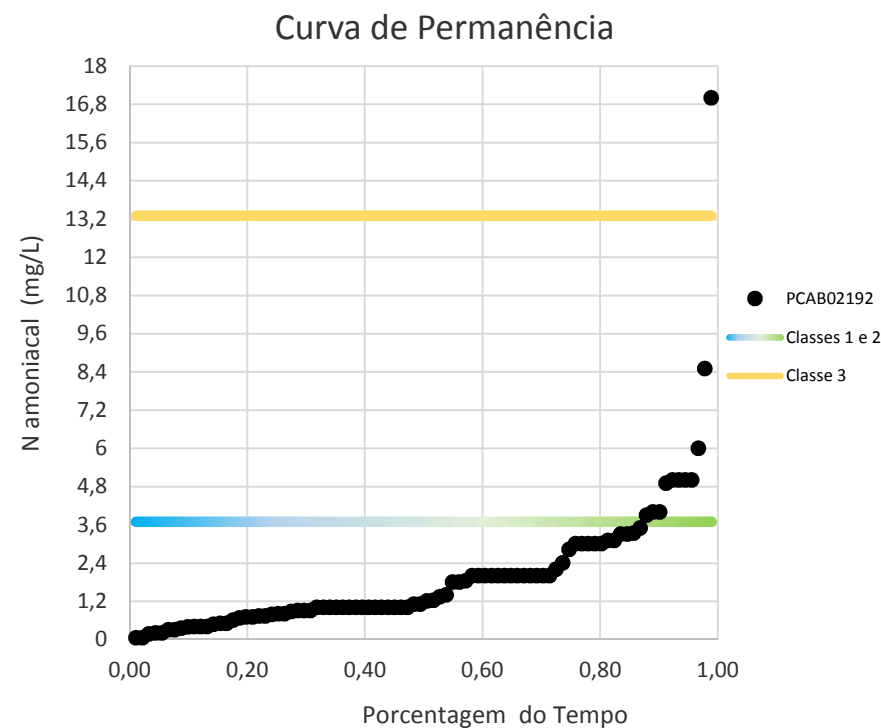
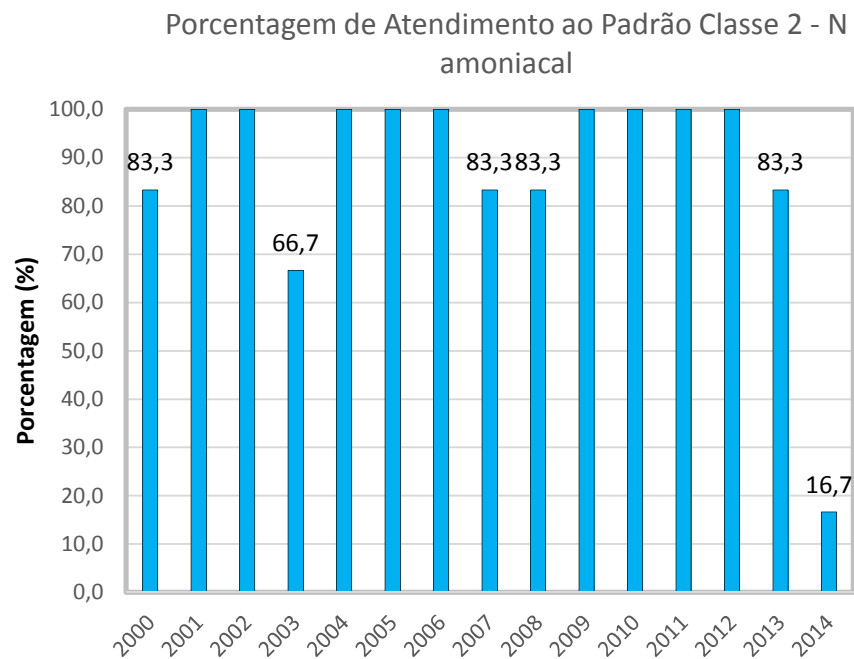
Curva de Permanência



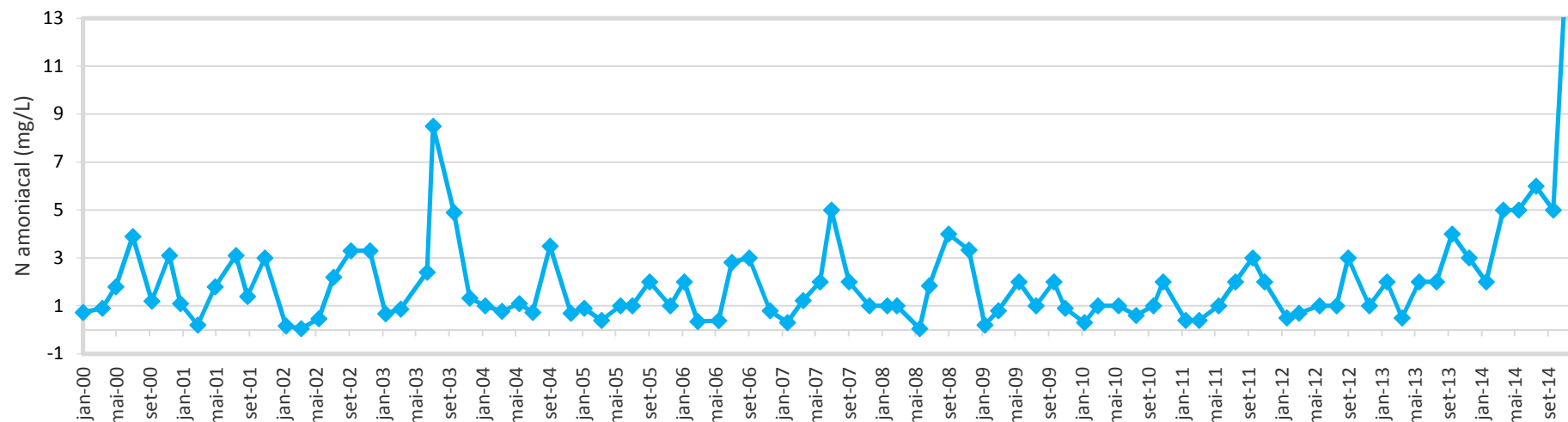
Evolução Temporal



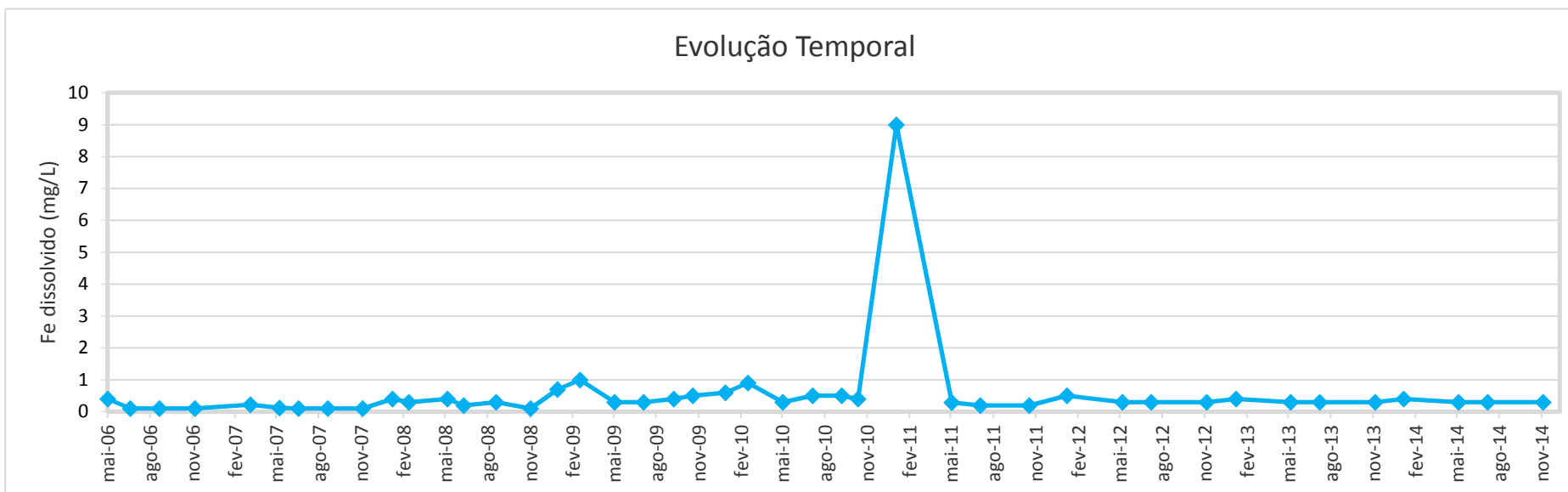
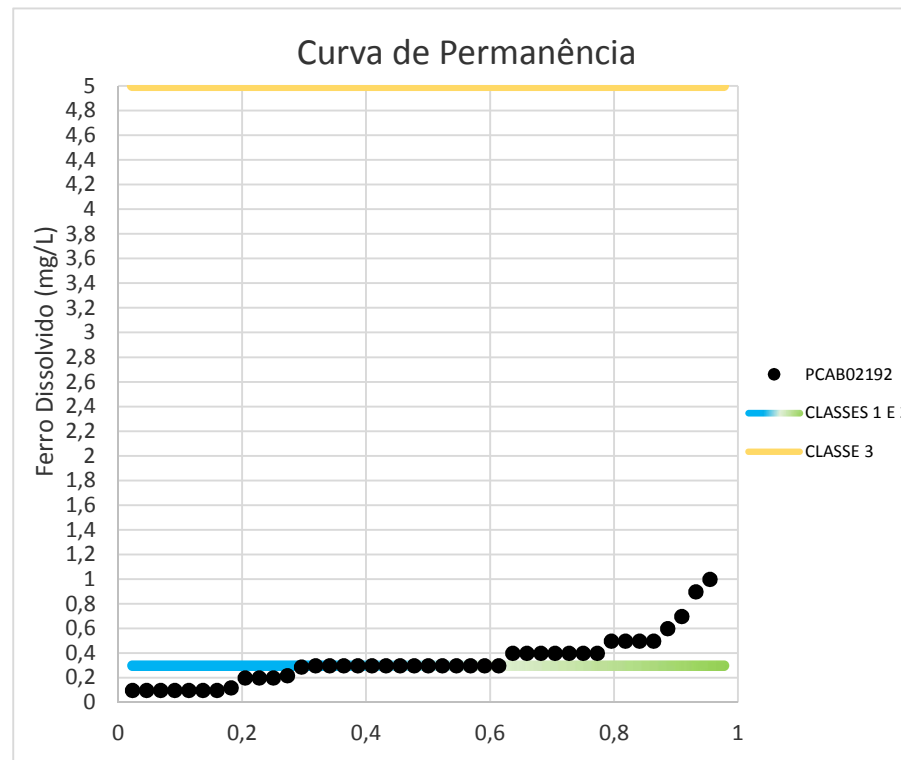
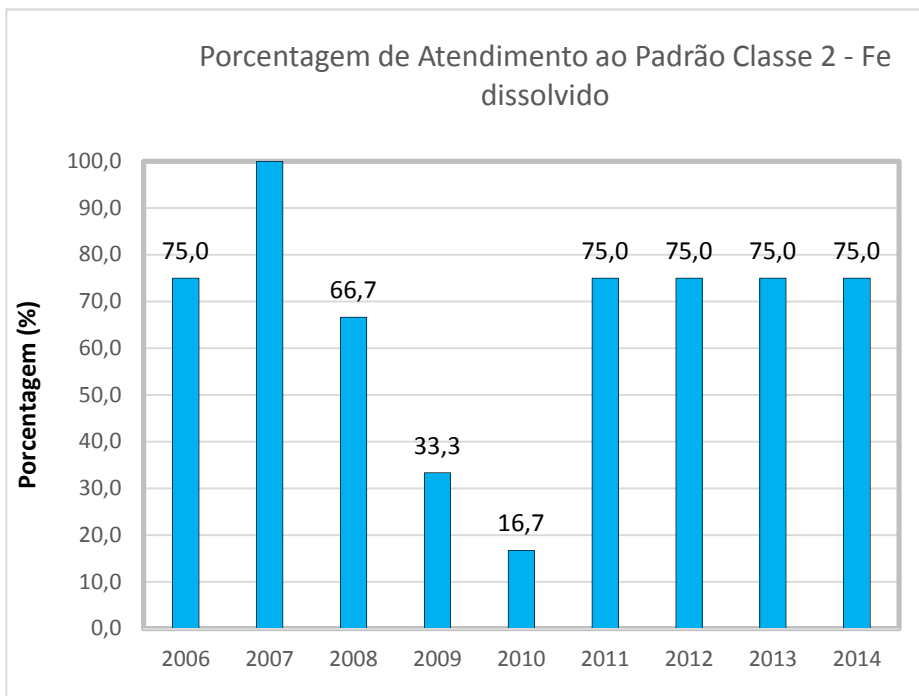
PCAB 02192– Nitrogênio Amoniacal (mg/L)



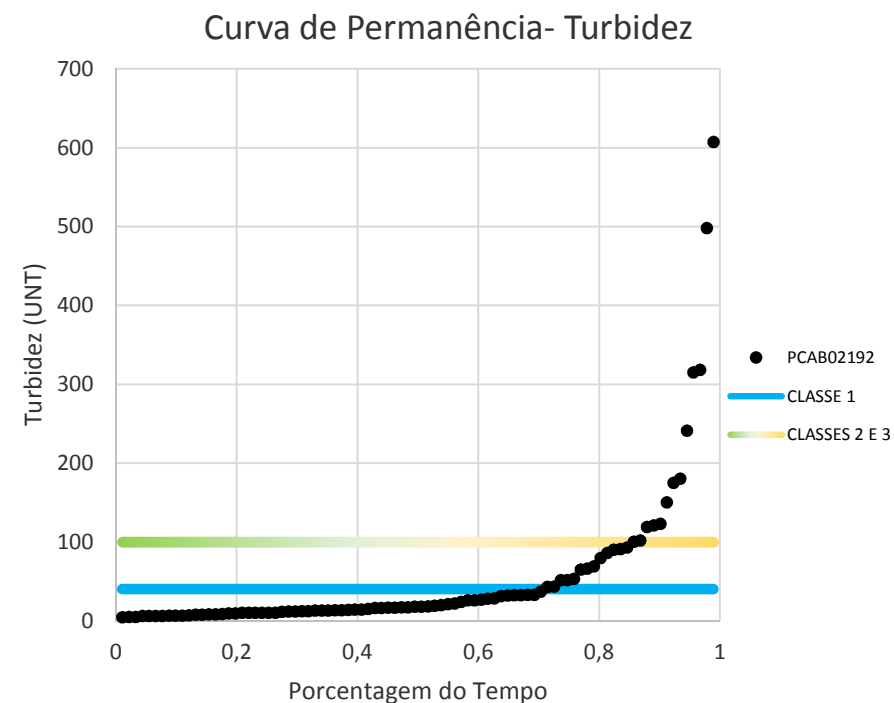
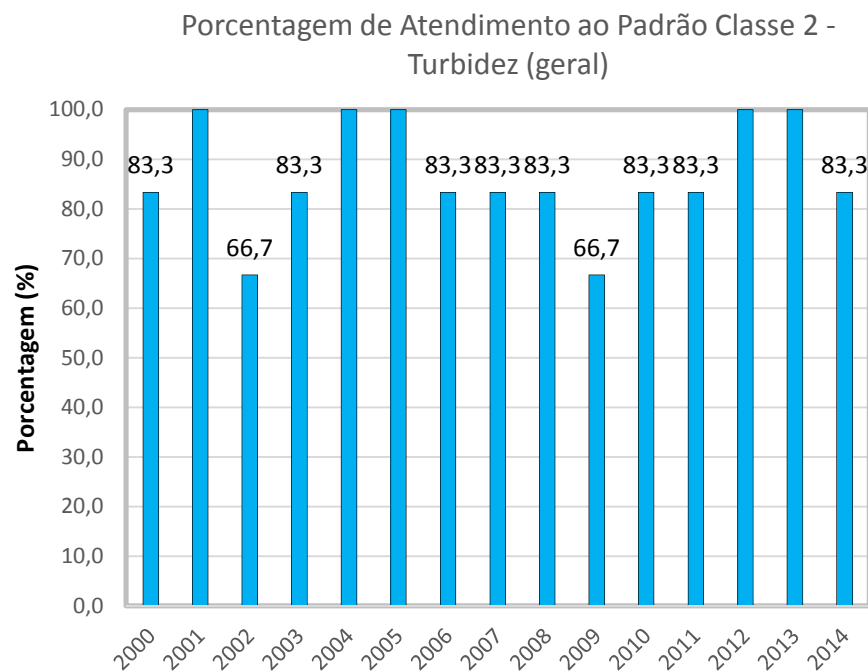
Evolução Temporal



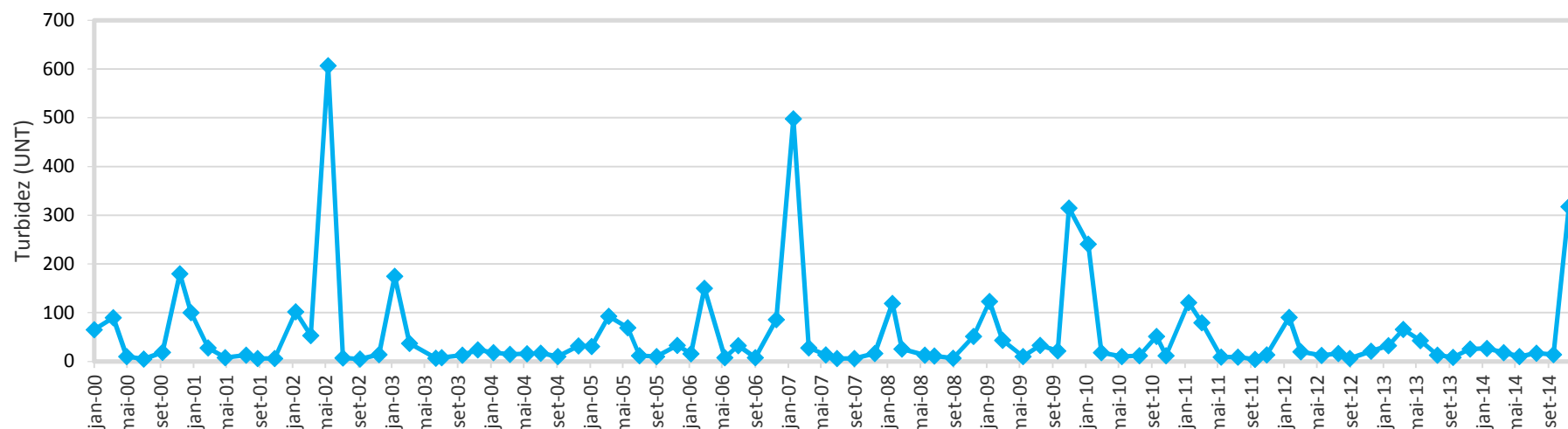
PCAB 02192 – Ferro Dissolvido (mg/L)



PCAB 02192 – Turbidez (UNT)

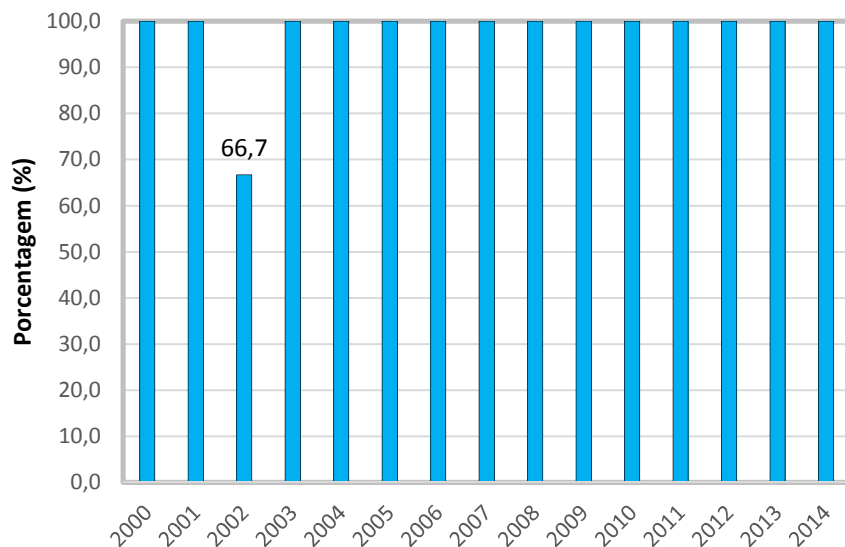


Evolução Temporal

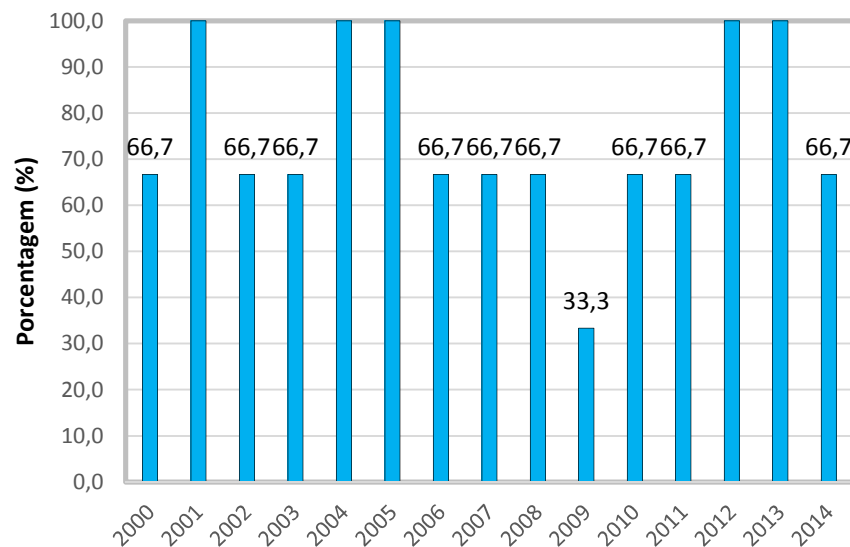


PCAB 02192 – Turbidez (Período Seco x Período Chuvoso)

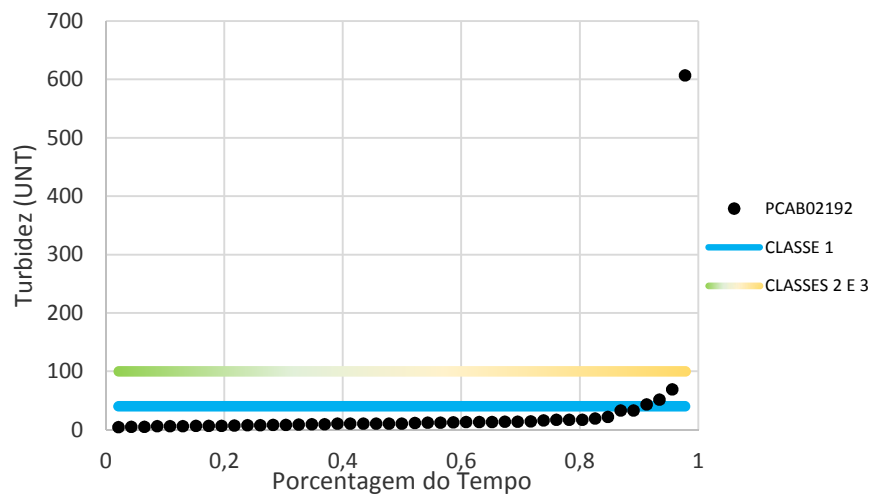
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



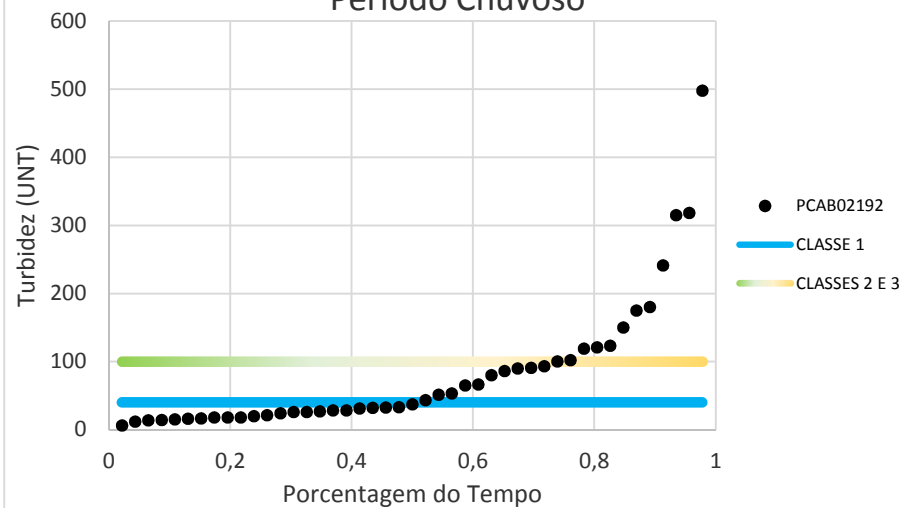
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

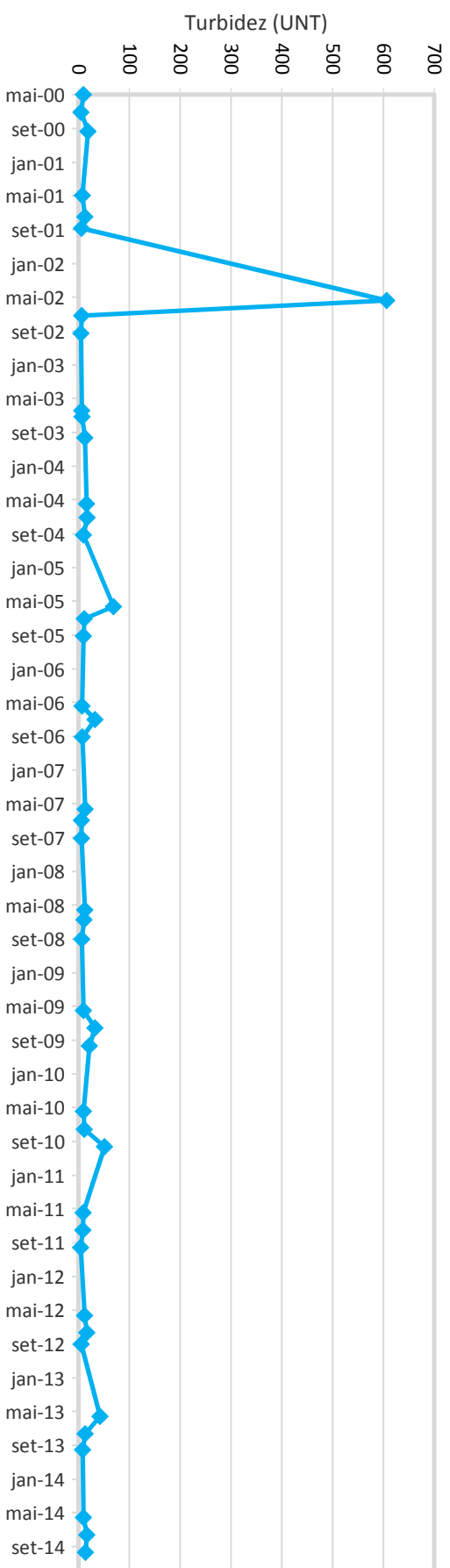


Curva de Permanência- Turbidez
Período Chuvoso

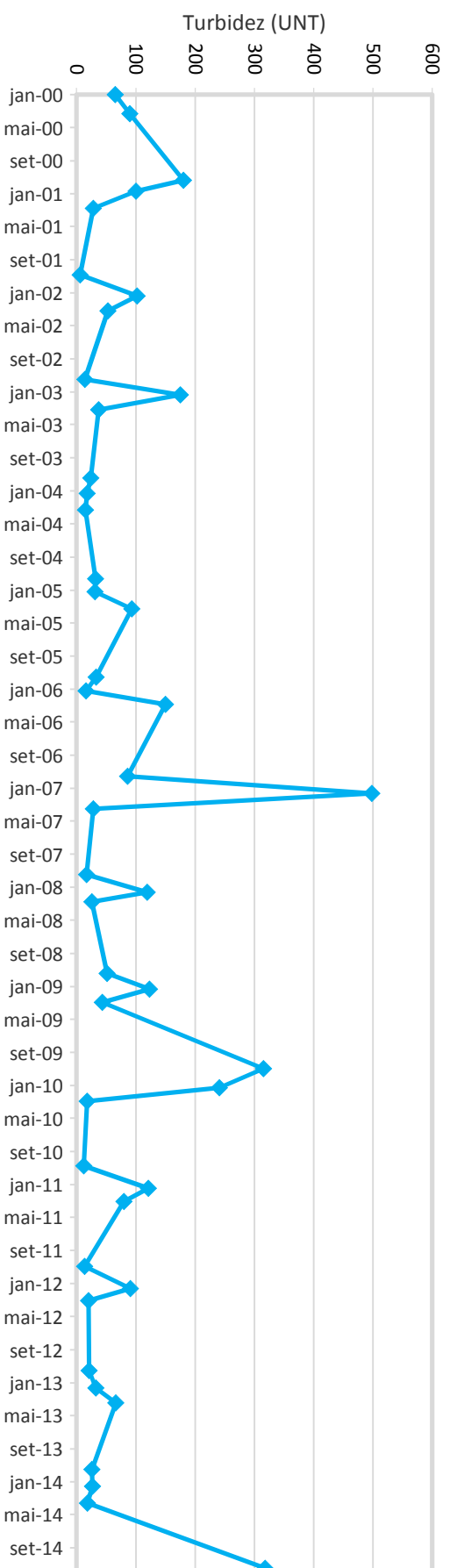


PCAB 02192 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

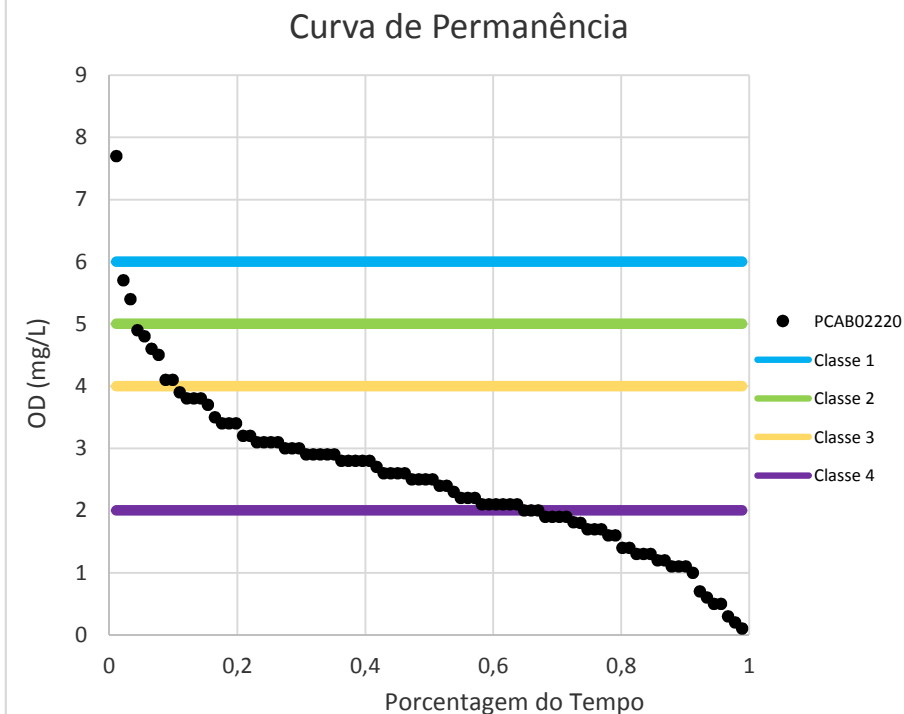
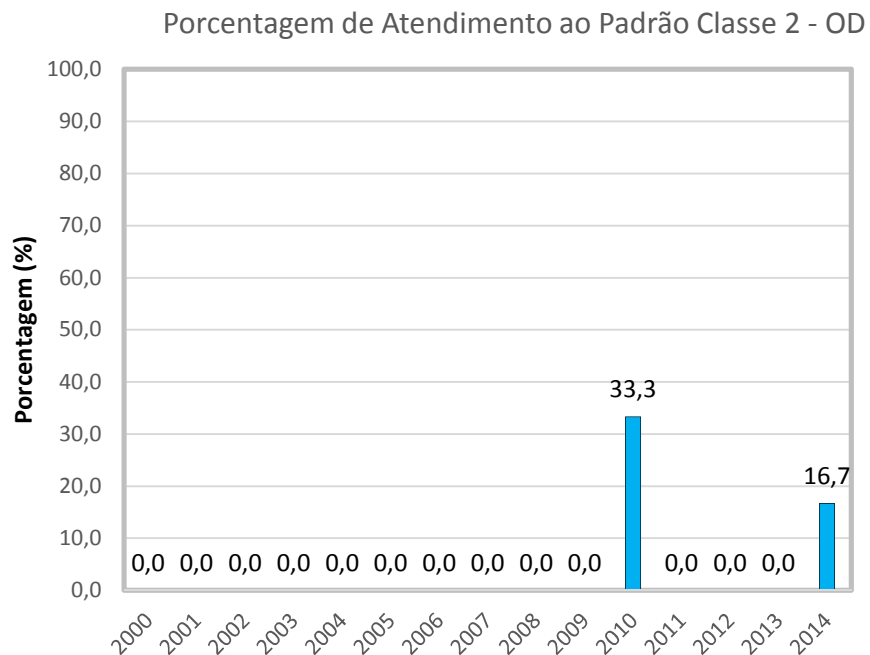


Evolução Temporal - Período Chuvoso

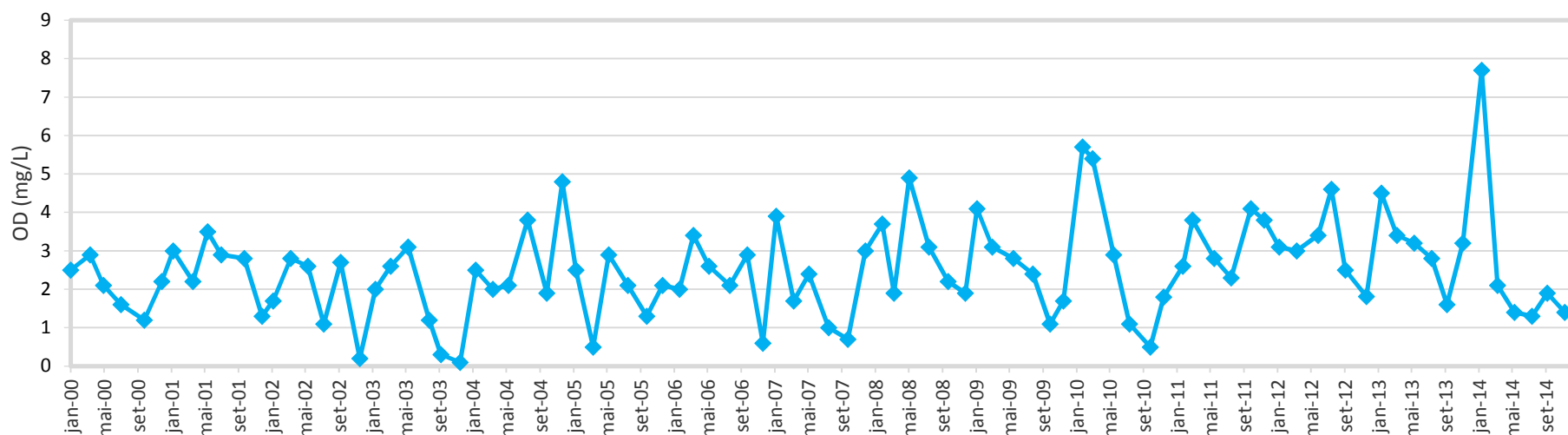


Rio Piracicaba
PCAB 02220

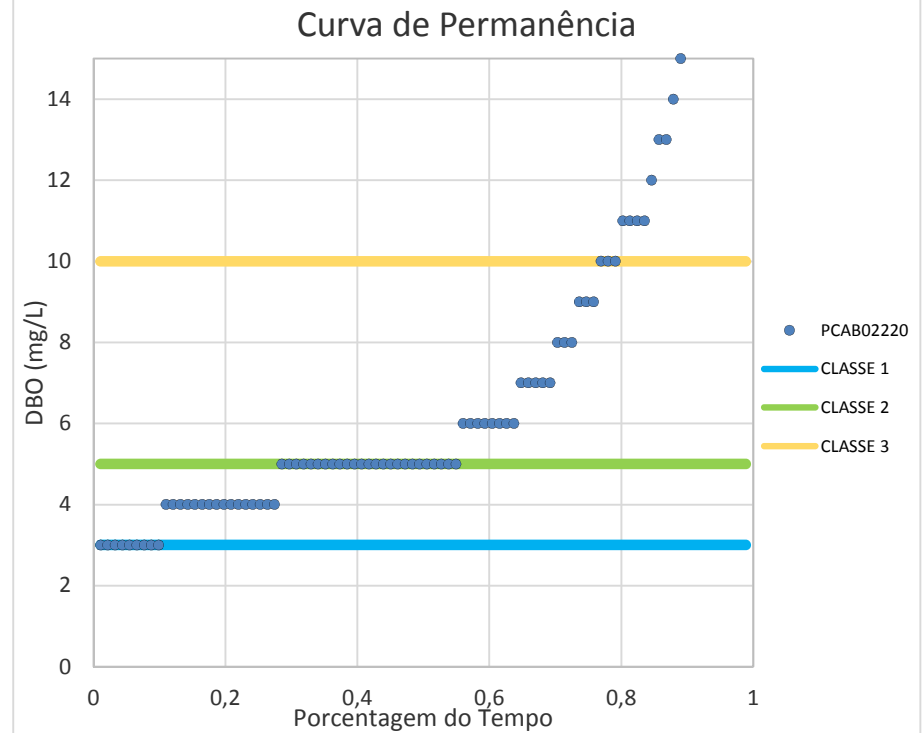
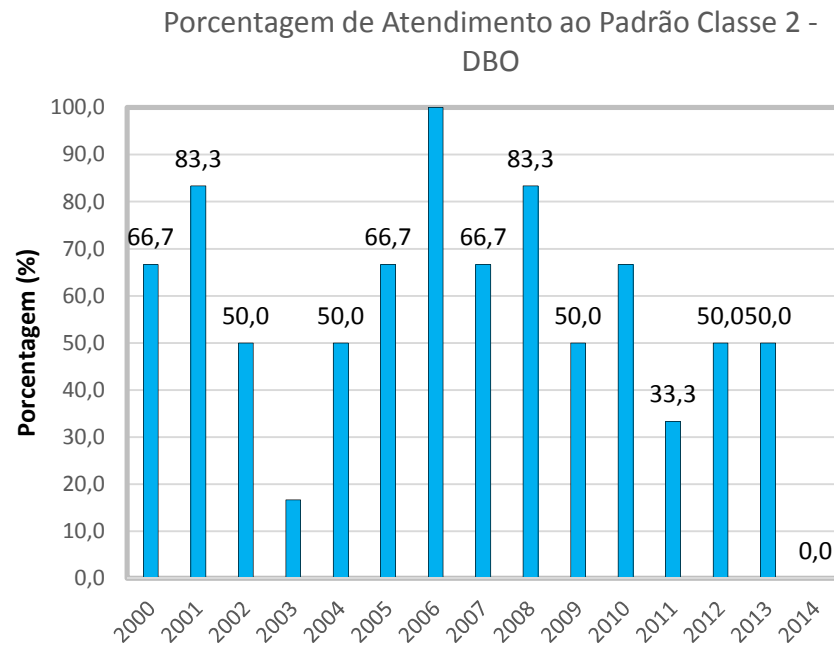
PCAB 02220 – Oxigênio Dissolvido (mg/L)



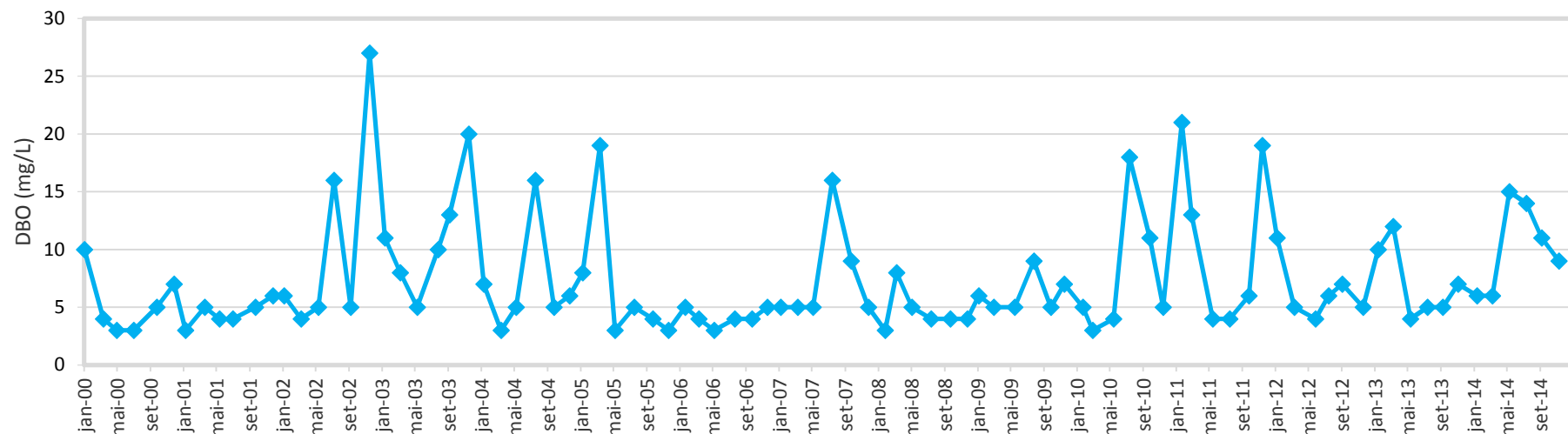
Evolução Temporal



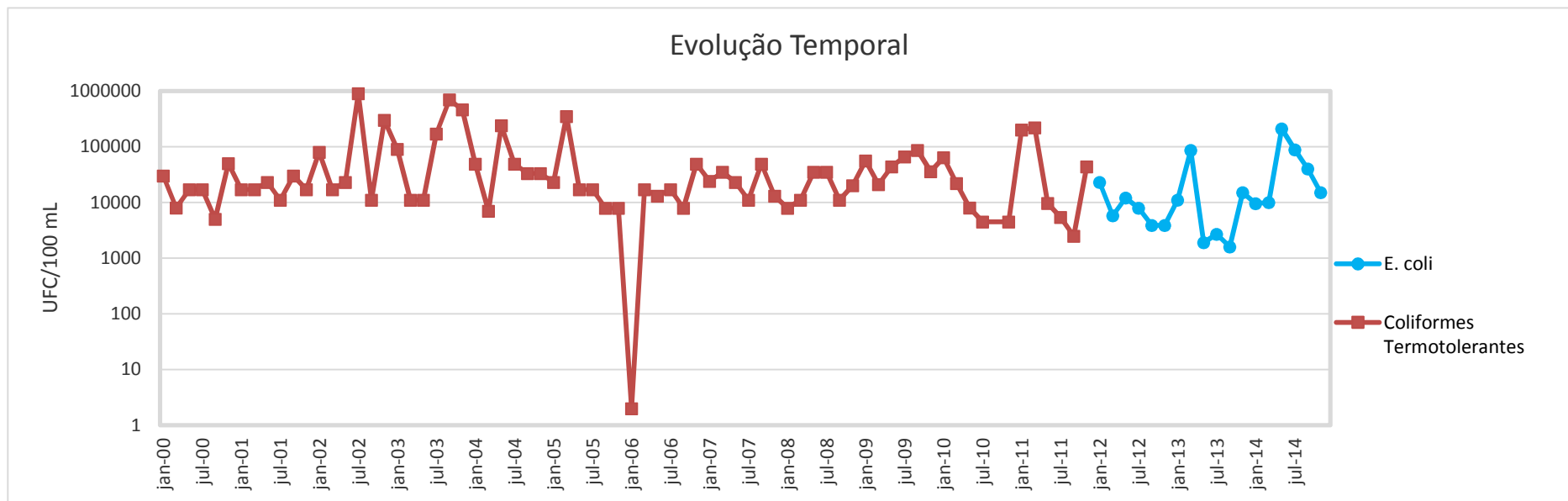
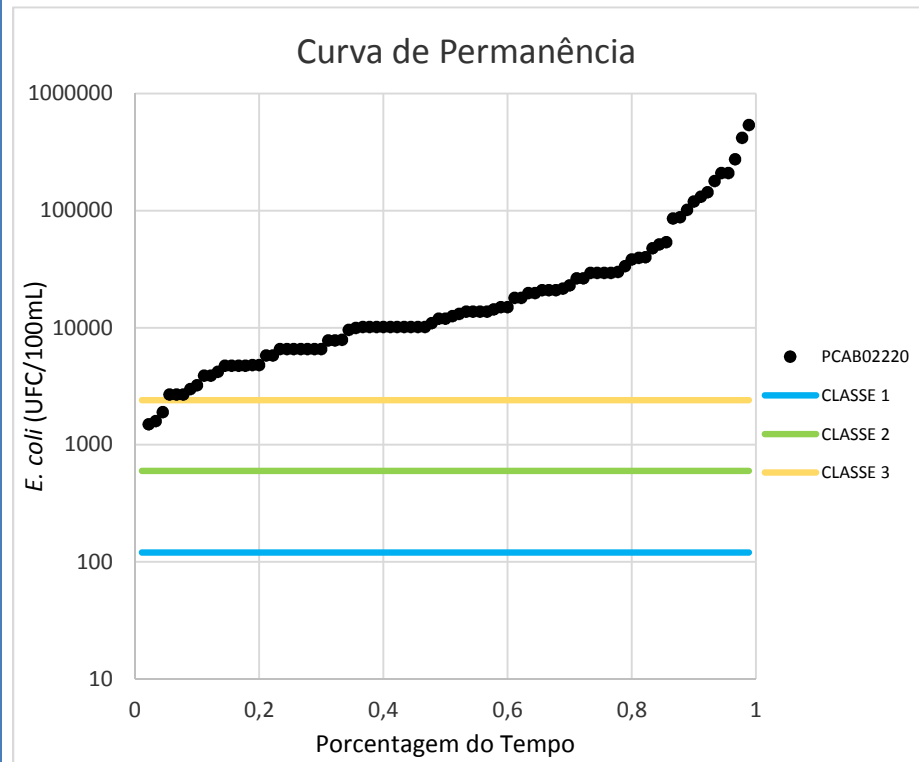
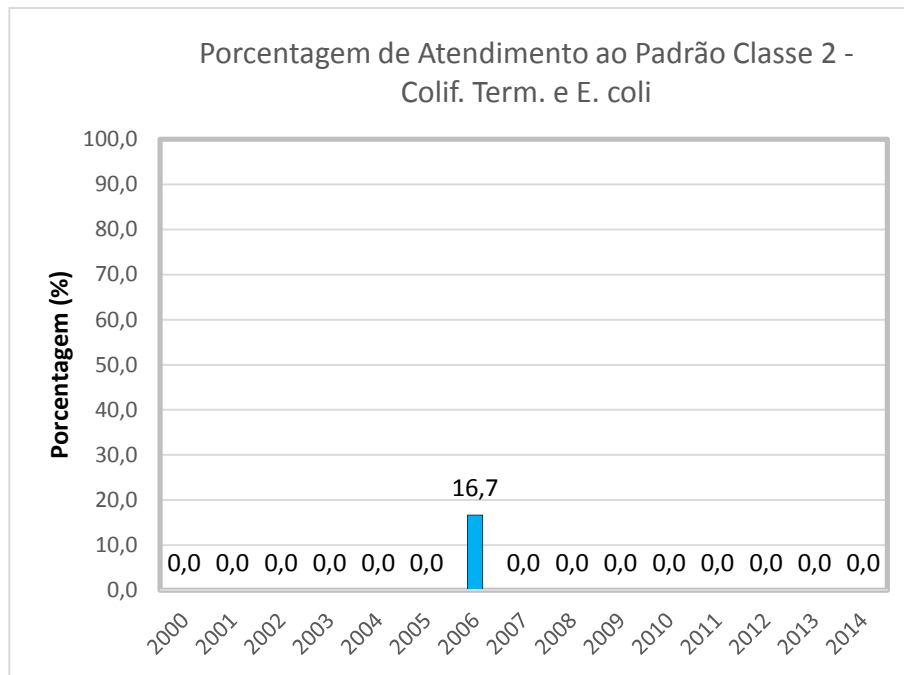
PCAB 02220 – DBO (mg/L)



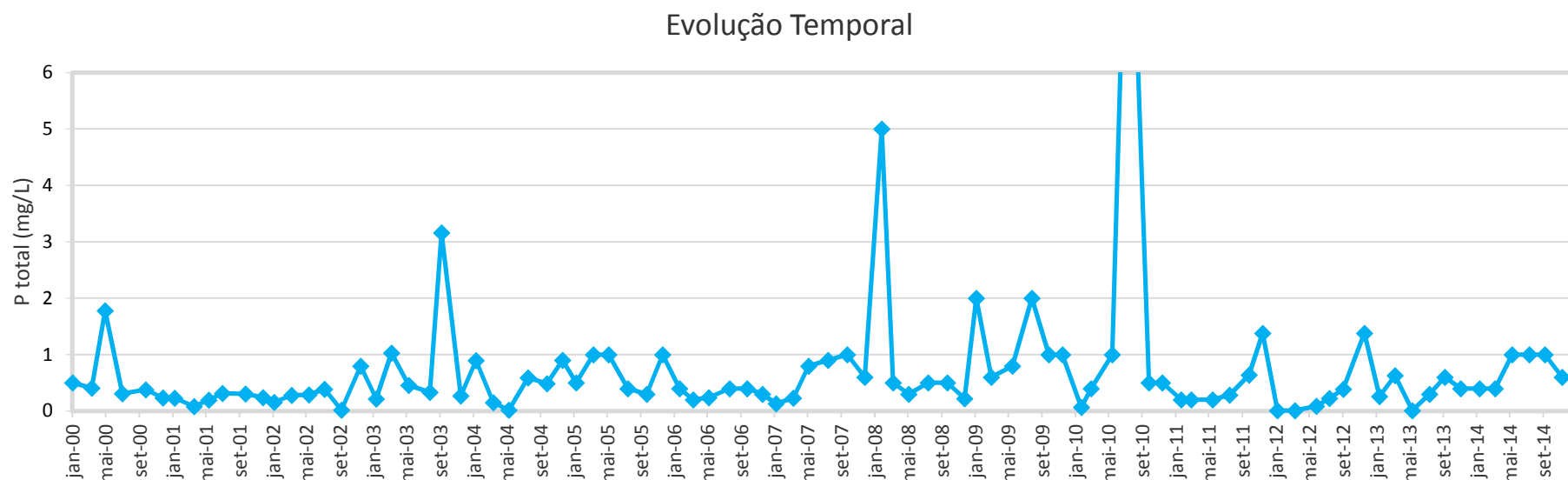
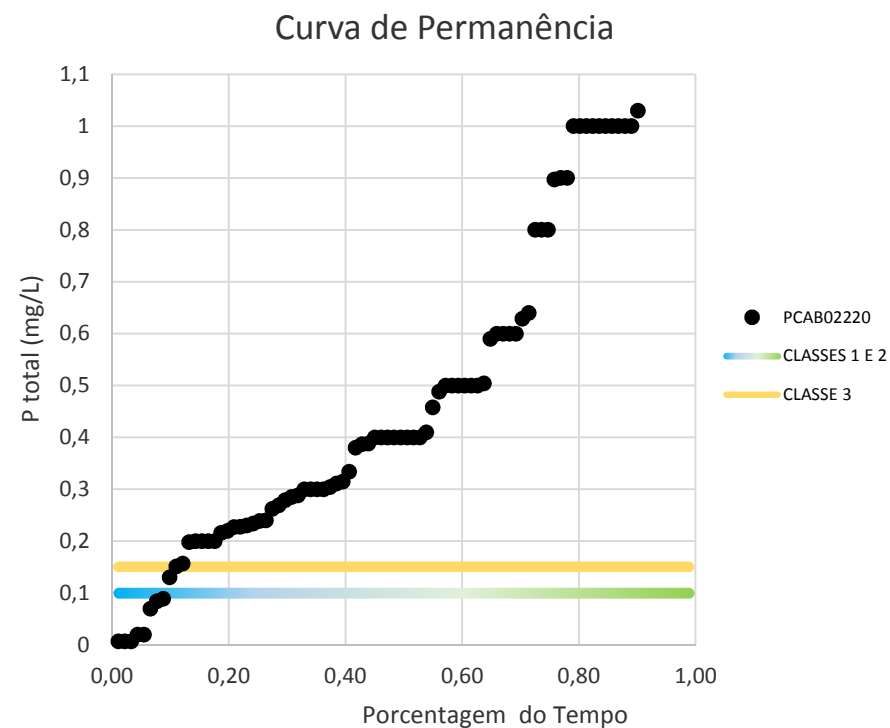
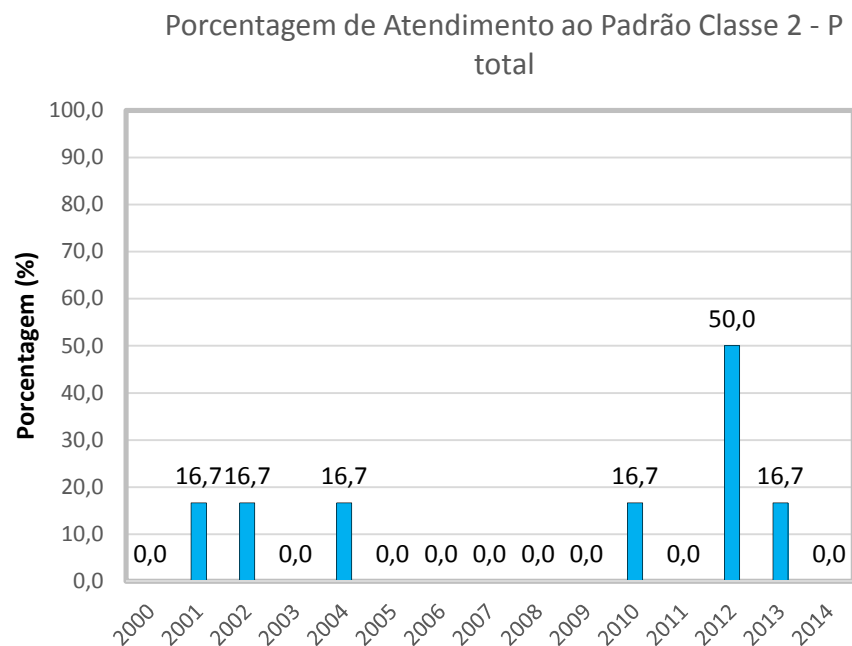
Evolução Temporal



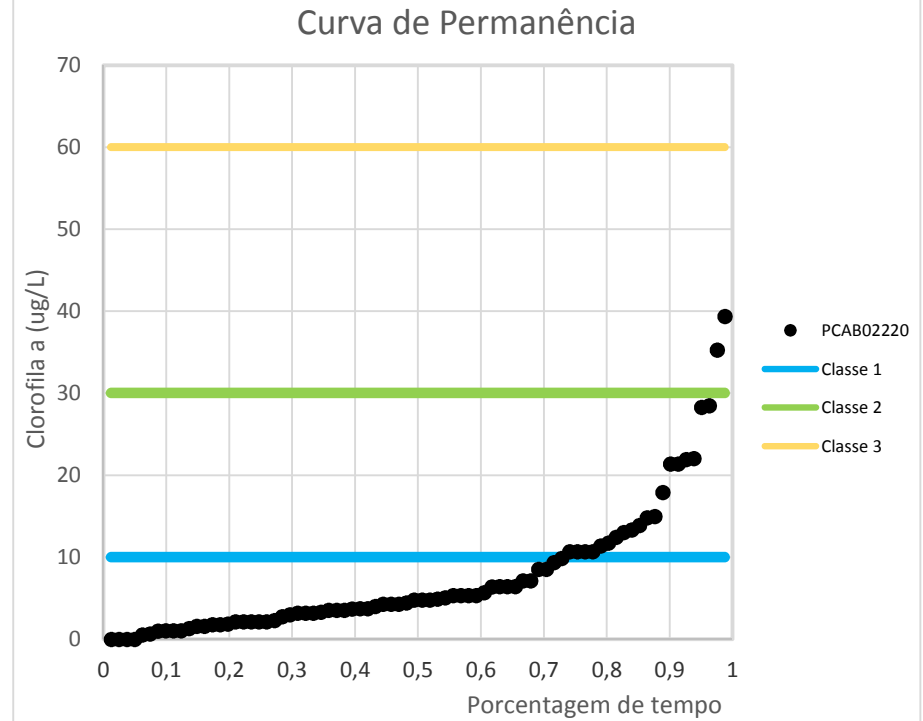
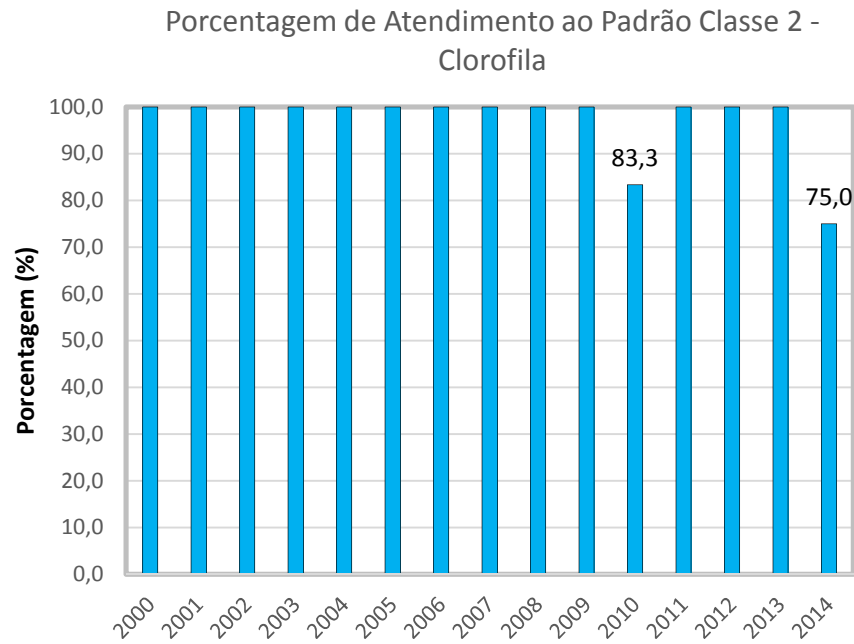
PCAB 02220 – *Escherichia coli* (UFC/100mL)



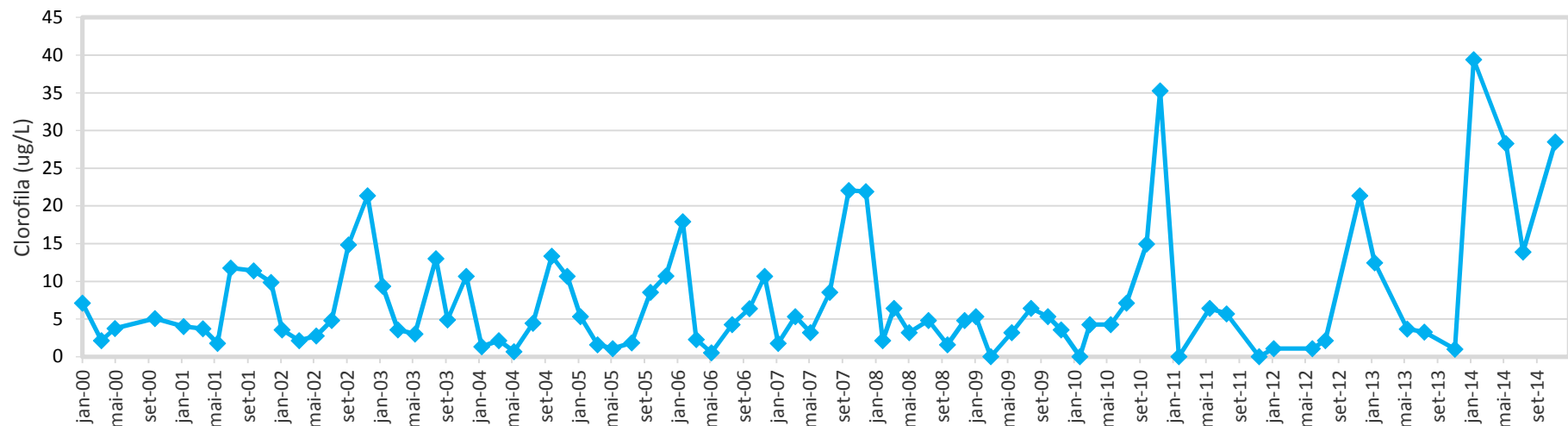
PCAB 02220 – Fósforo Total (mg/L)



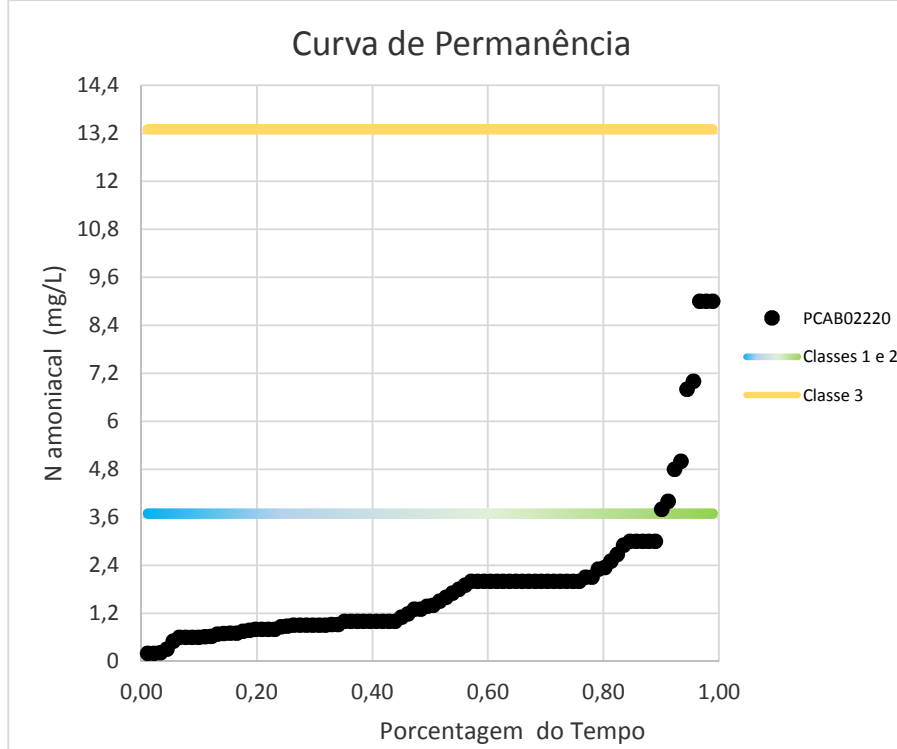
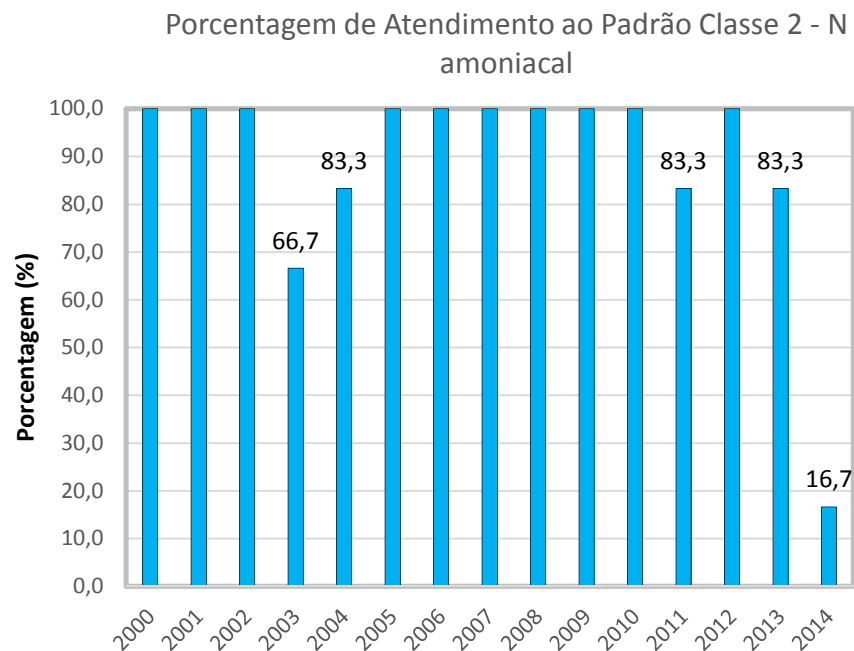
PCAB 02220 – Clorofila a ($\mu\text{g/L}$)



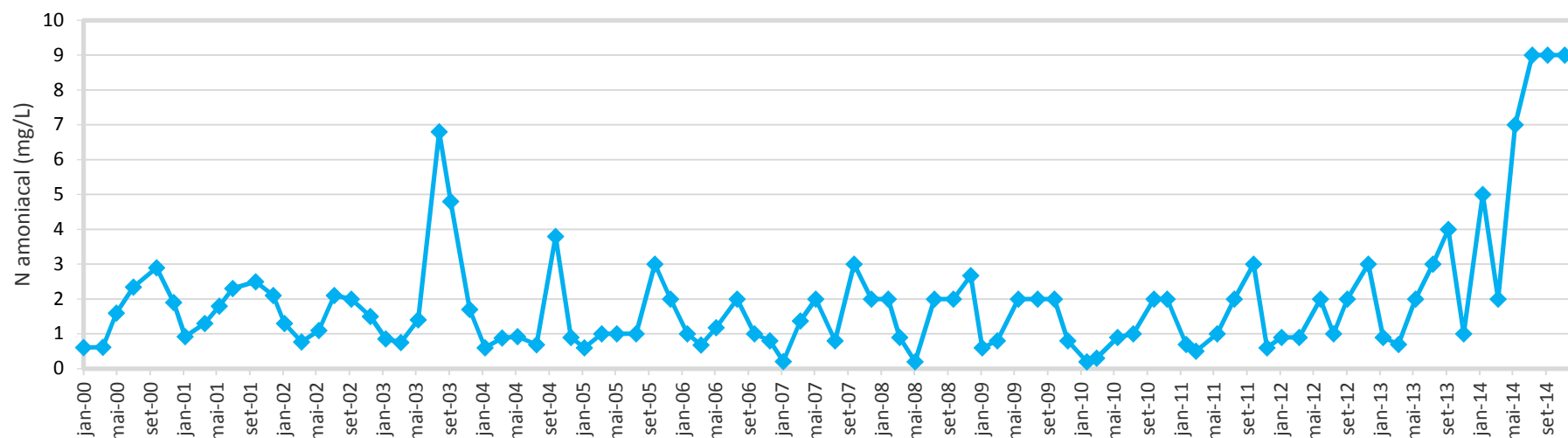
Evolução Temporal



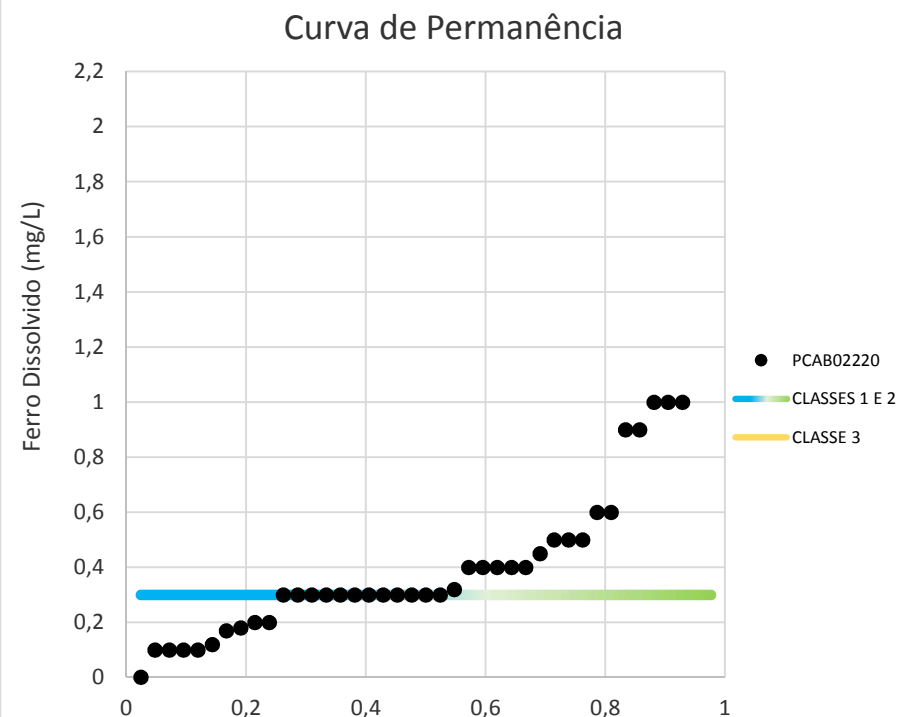
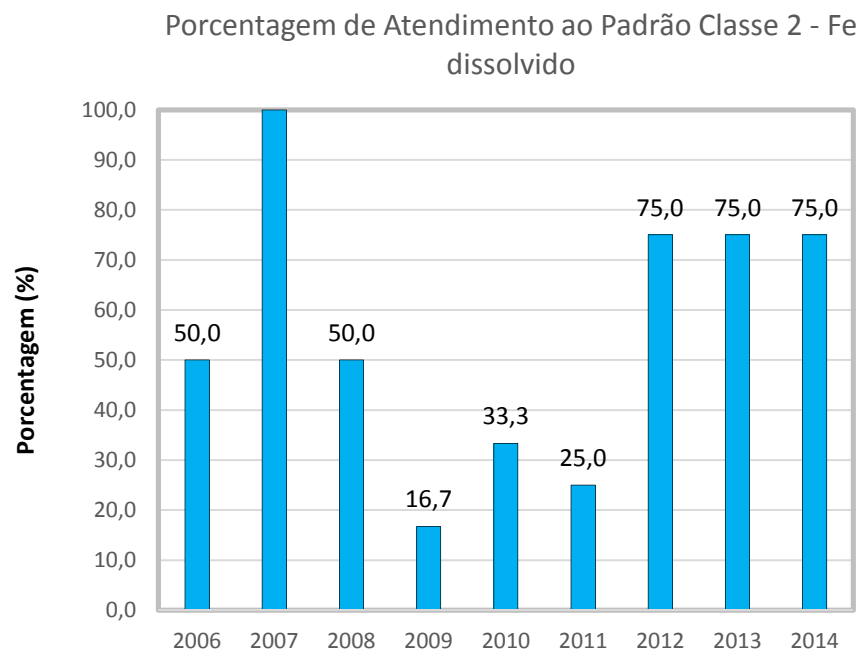
PCAB 02220– Nitrogênio Amoniacal (mg/L)



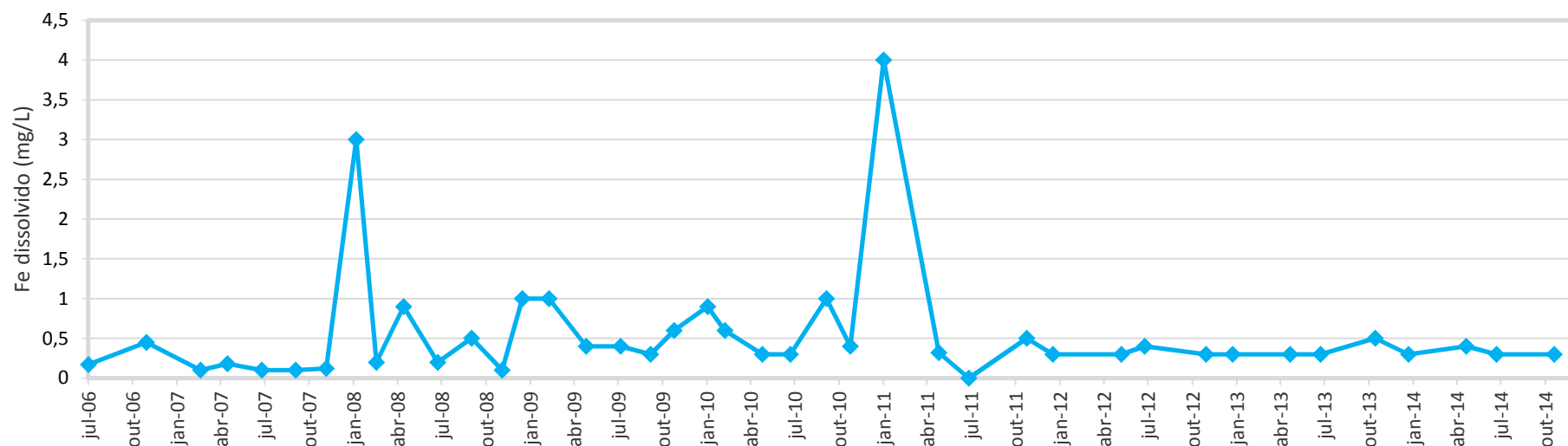
Evolução Temporal



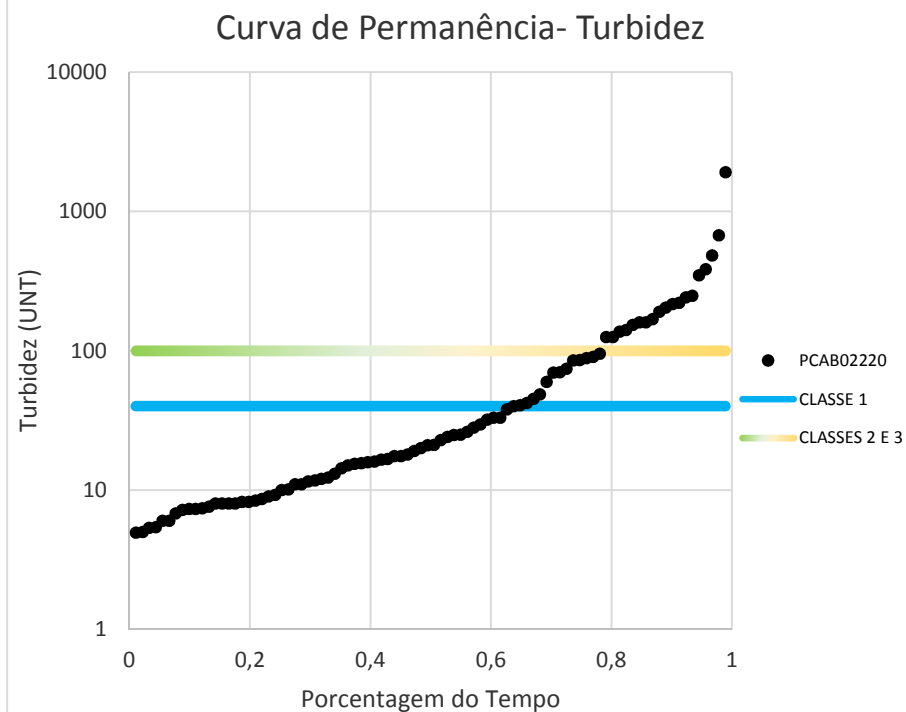
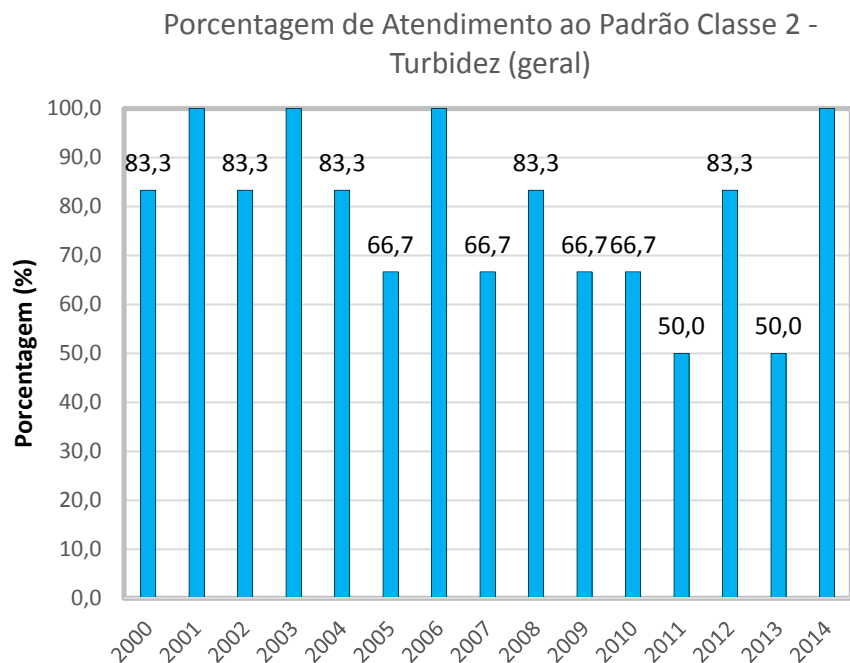
PCAB 02220 – Ferro Dissolvido (mg/L)



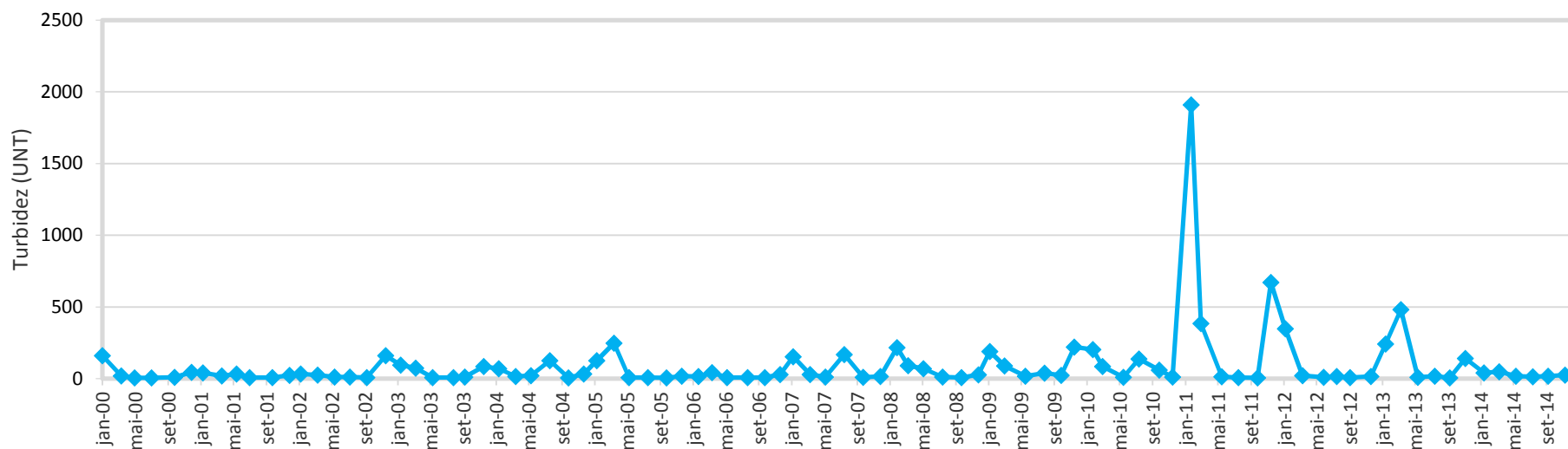
Evolução Temporal



PCAB 02220 – Turbidez (UNT)

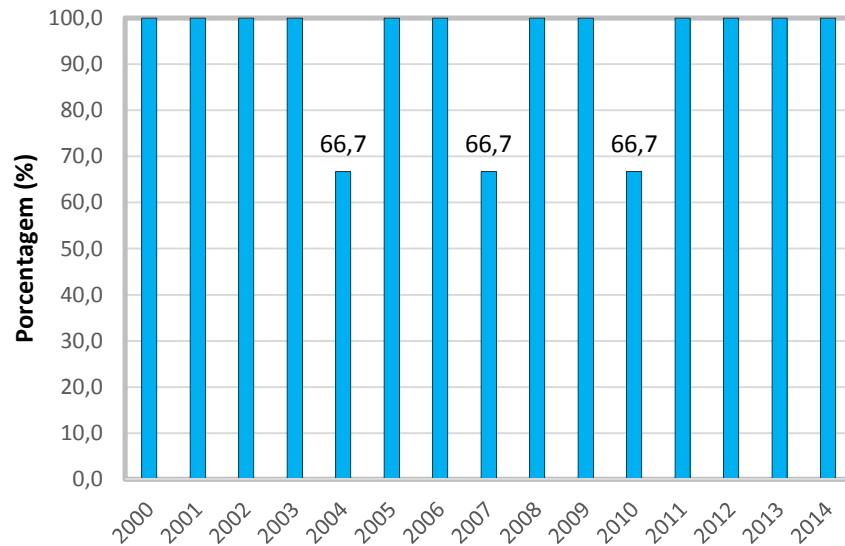


Evolução Temporal

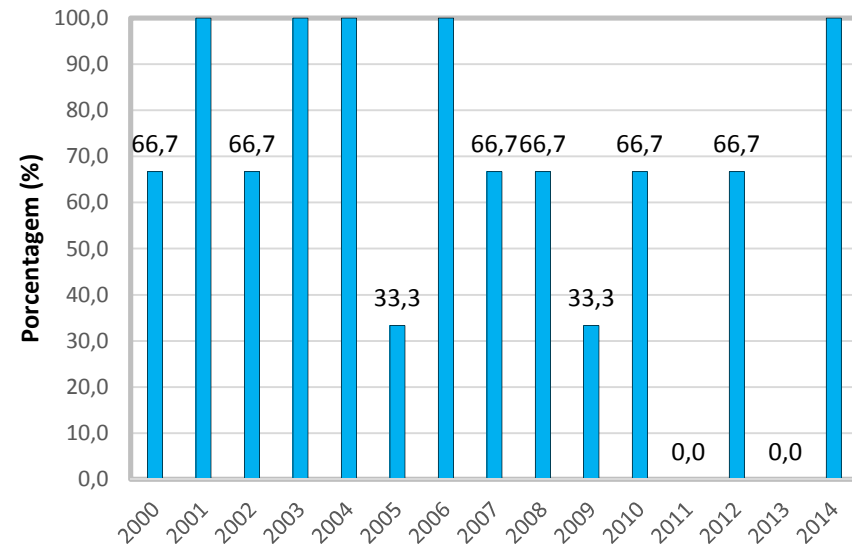


PCAB 02220 – Turbidez (Período Seco x Período Chuvoso)

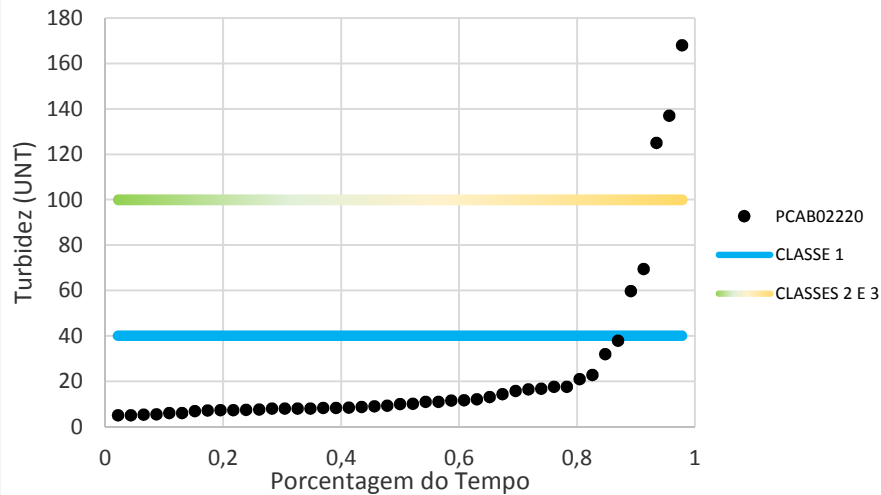
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



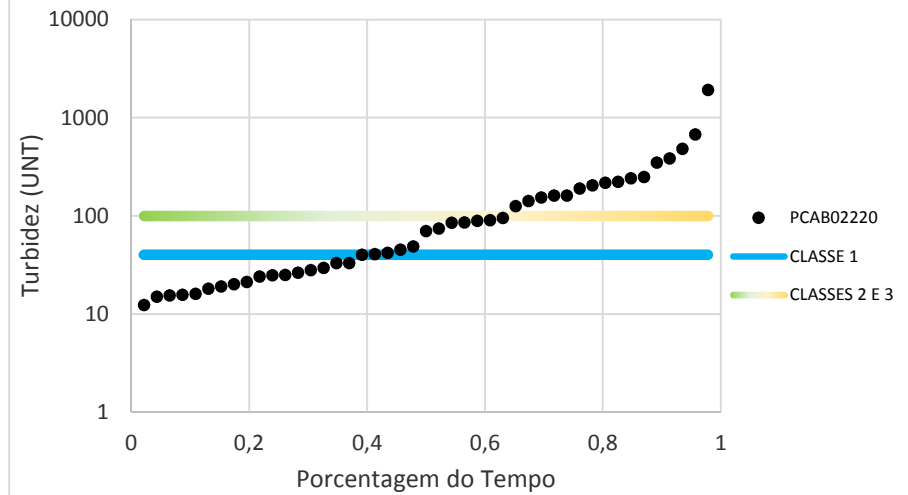
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

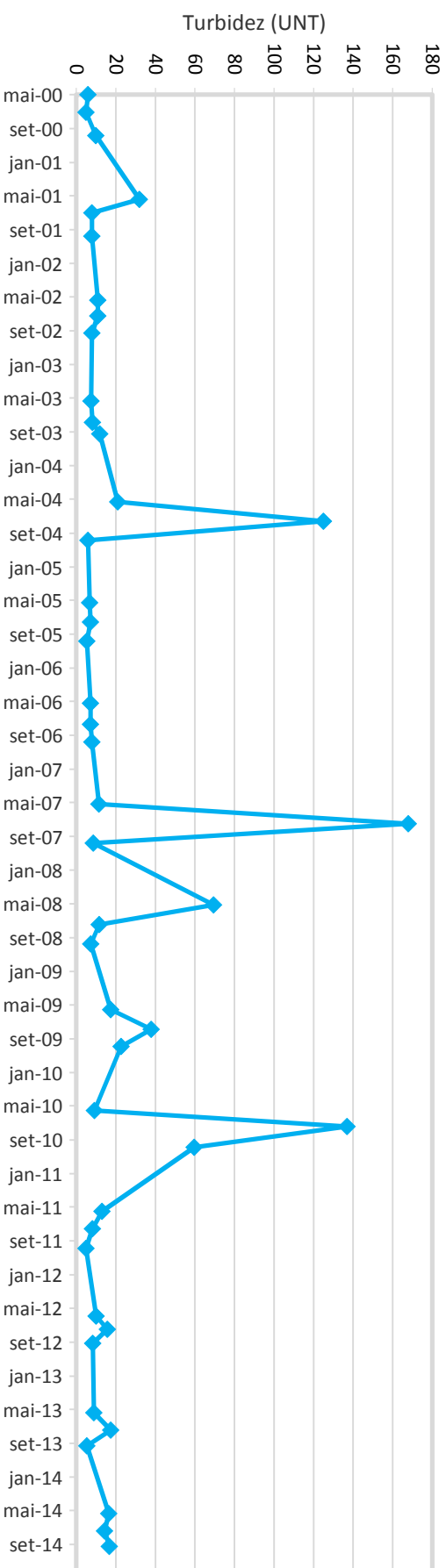


Curva de Permanência- Turbidez
Período Chuvoso

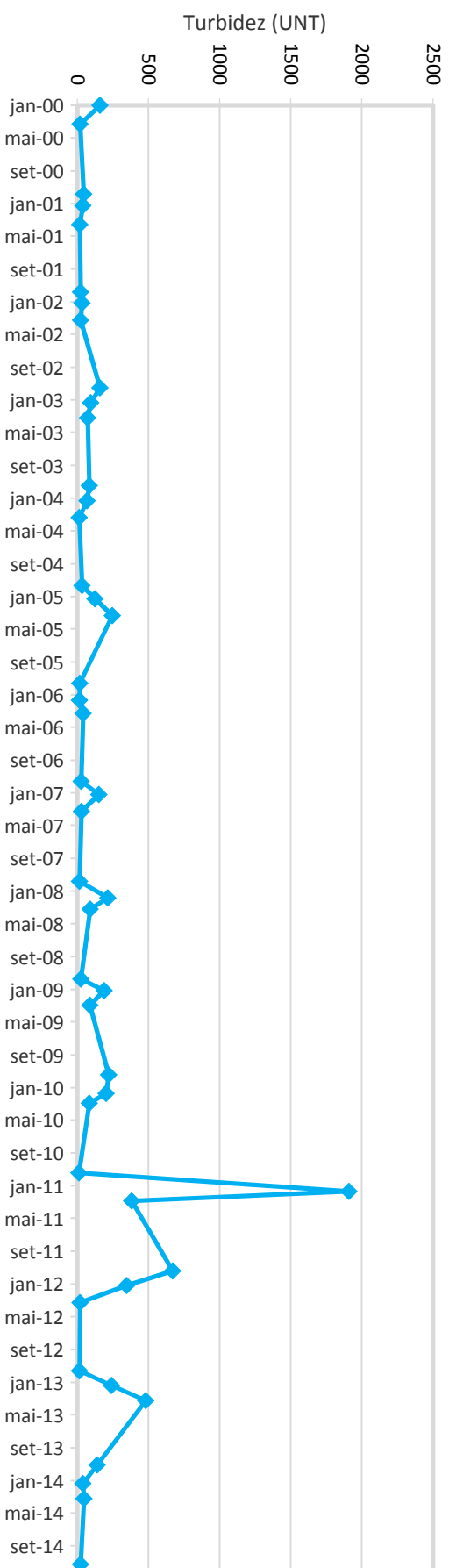


PCAB 02220 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

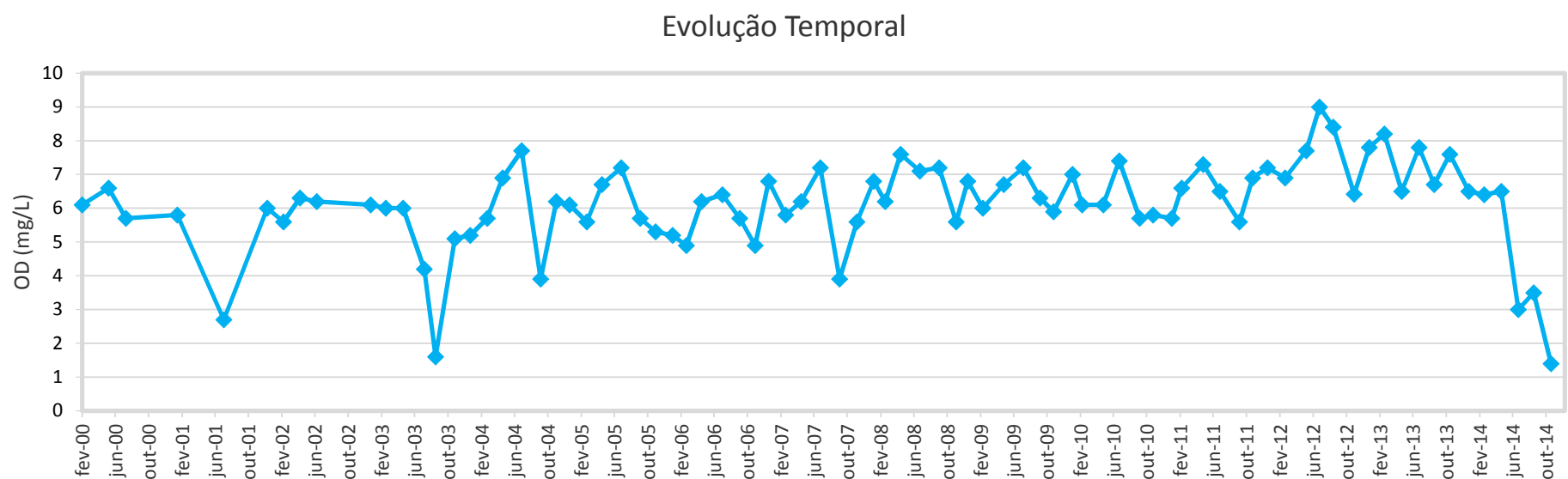
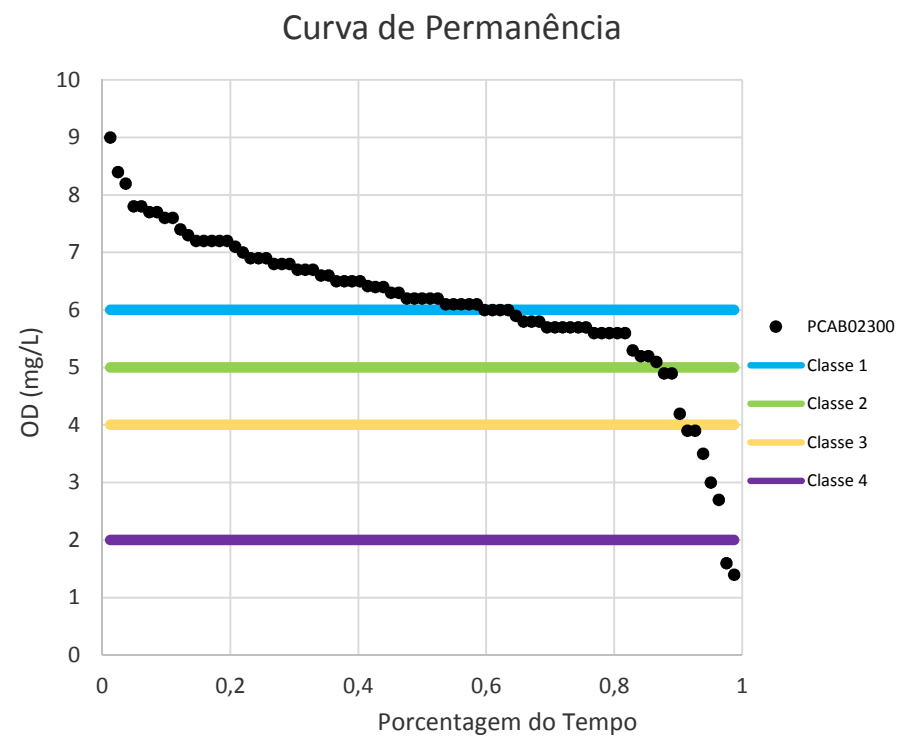
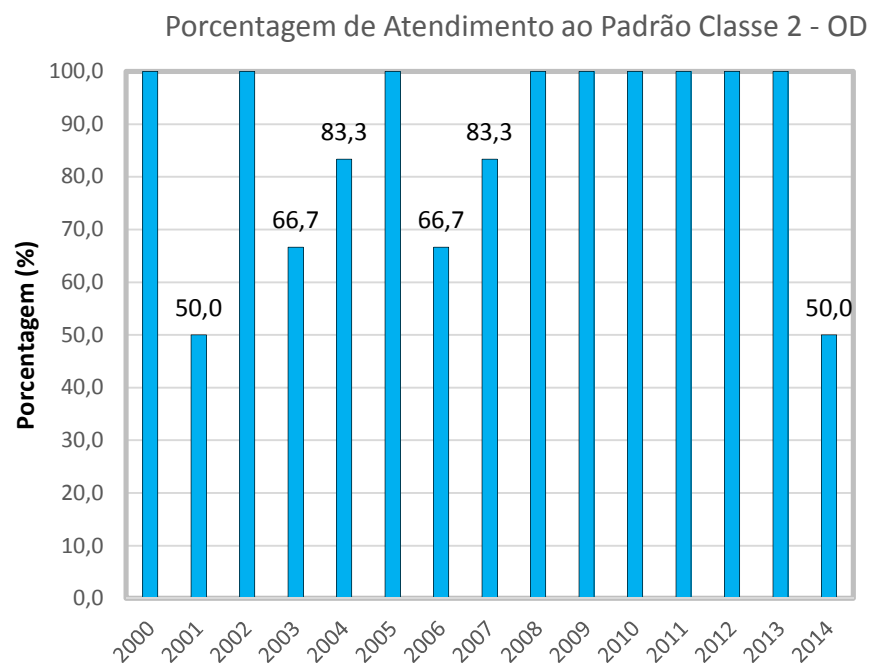


Evolução Temporal - Período Chuvoso

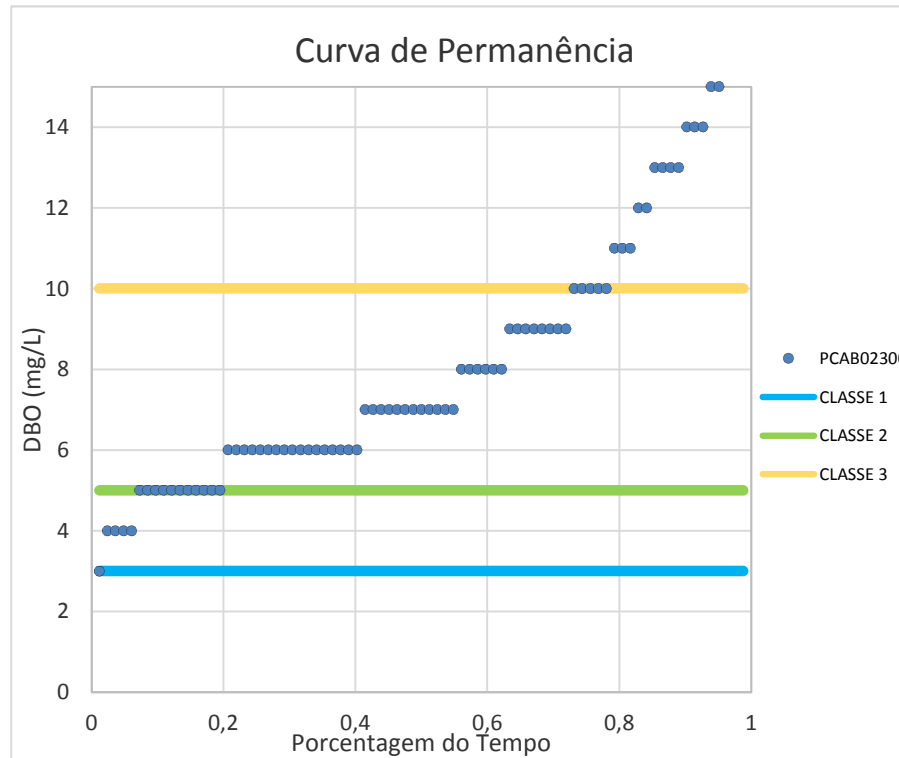
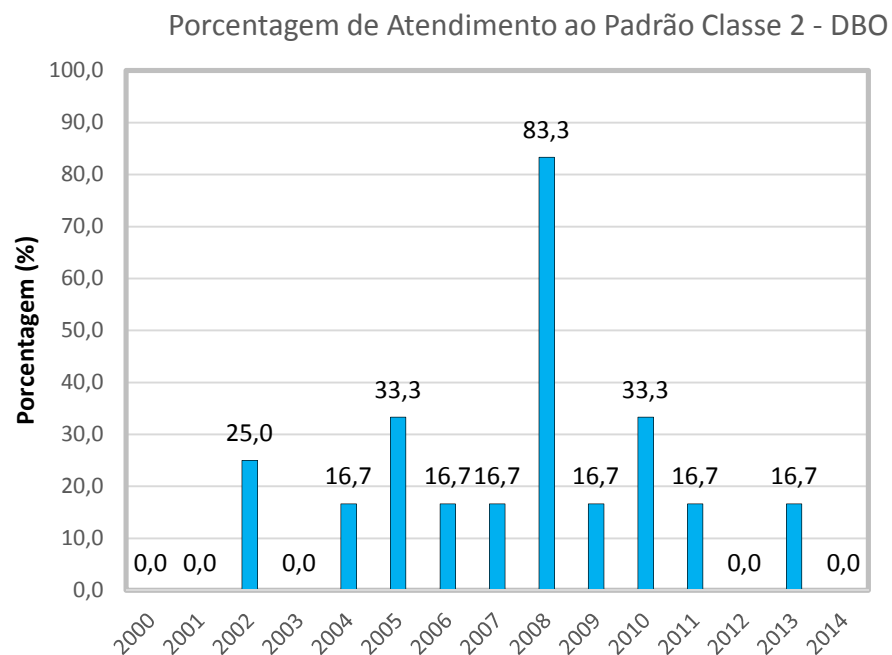


Rio Piracicaba
PCAB 02300

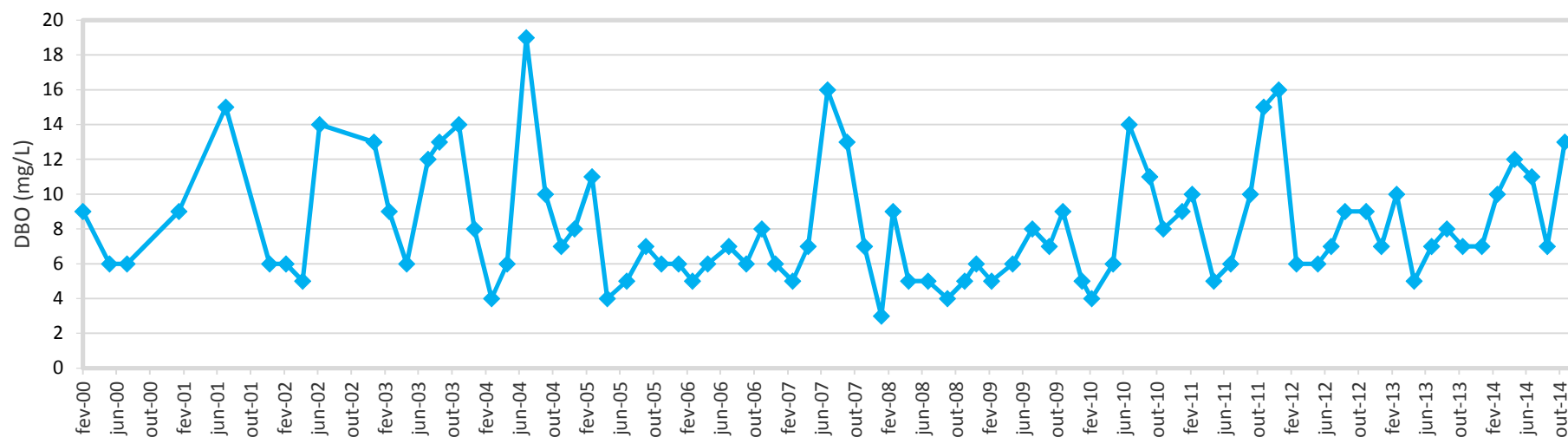
PCAB 02300 – Oxigênio Dissolvido (mg/L)



PCAB 02300 – DBO (mg/L)

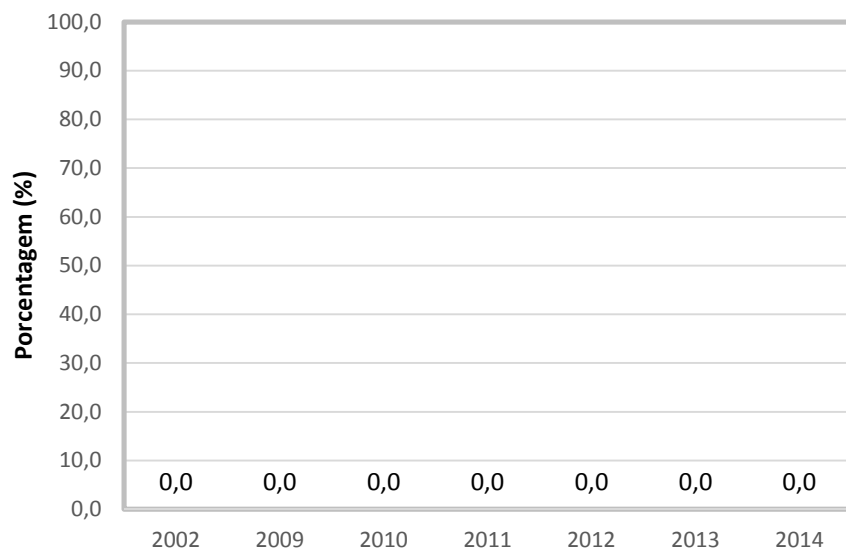


Evolução Temporal

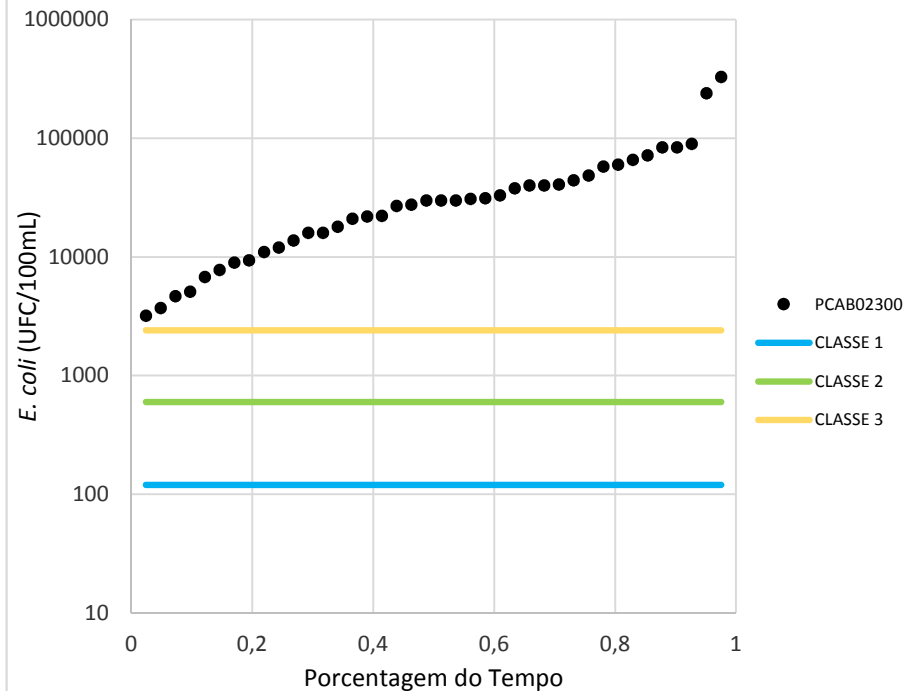


PCAB 02300 – *Escherichia coli* (UFC/100mL)

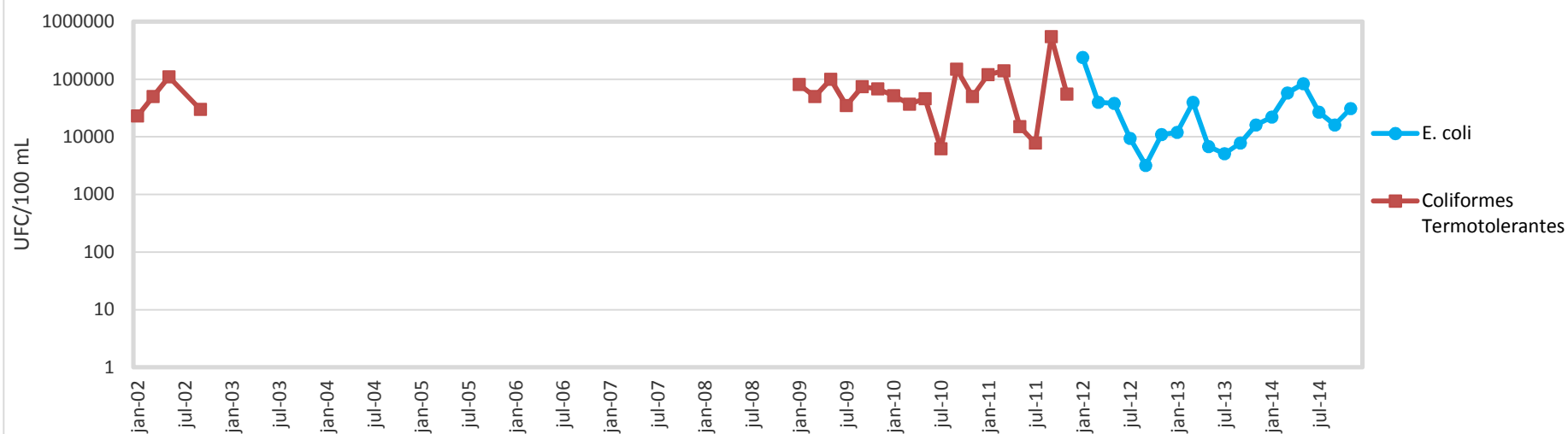
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



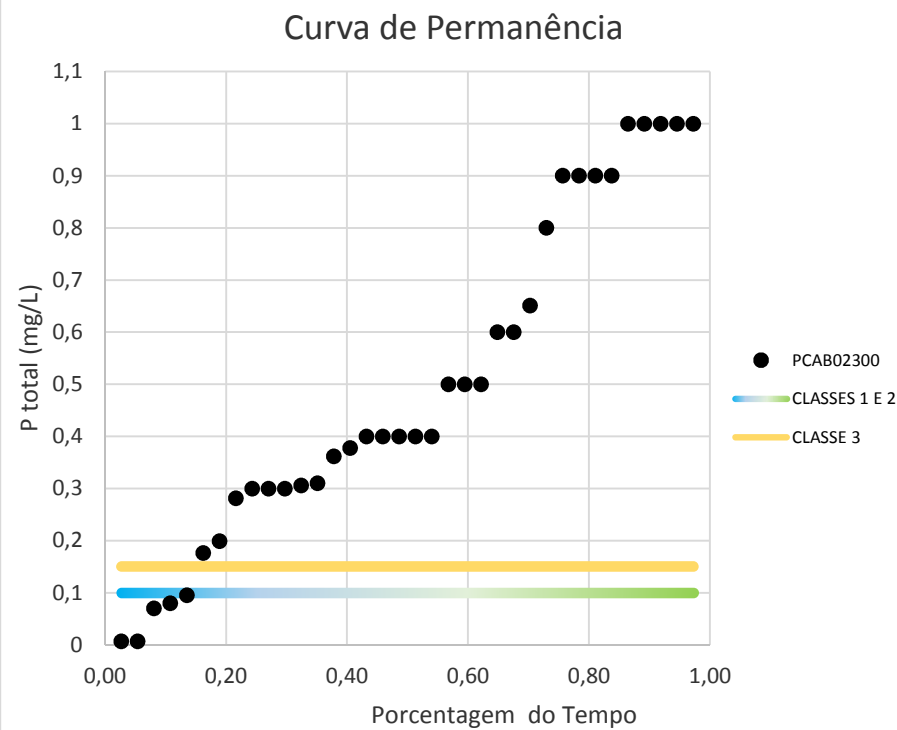
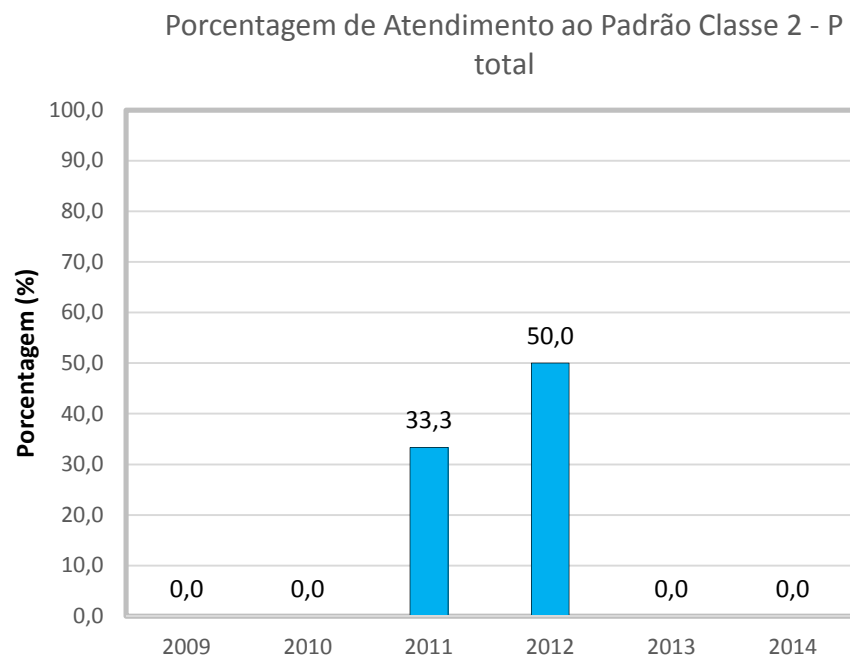
Curva de Permanência



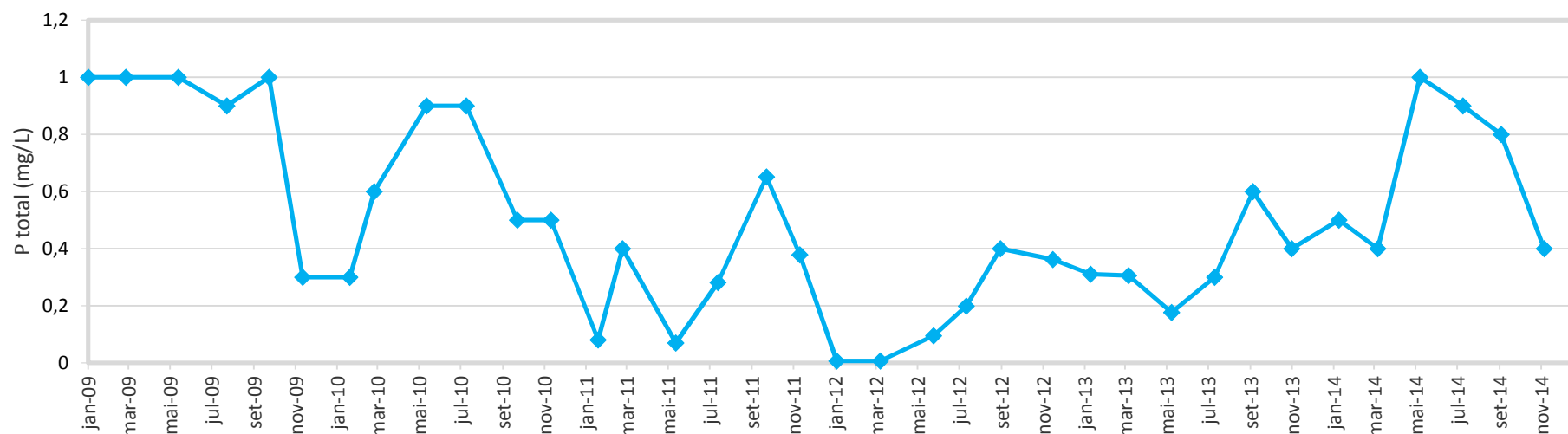
Evolução Temporal



PCAB 02300 – Fósforo Total (mg/L)

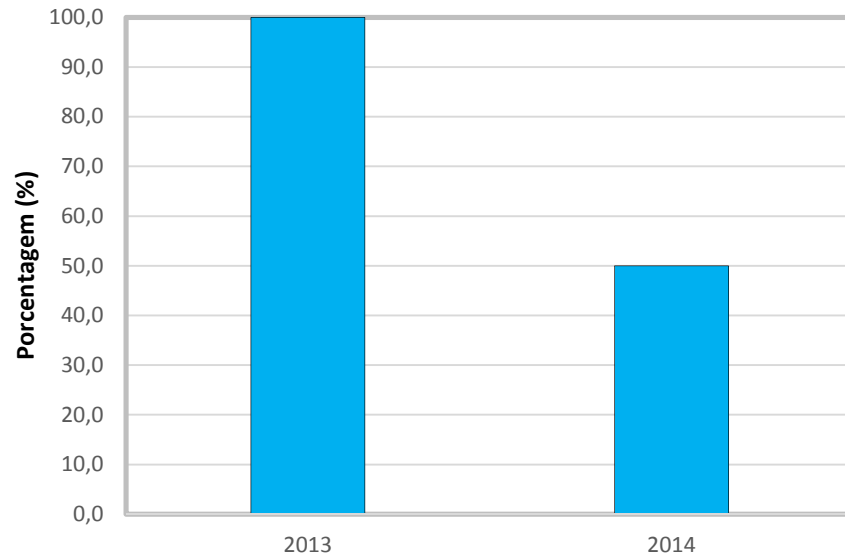


Evolução Temporal

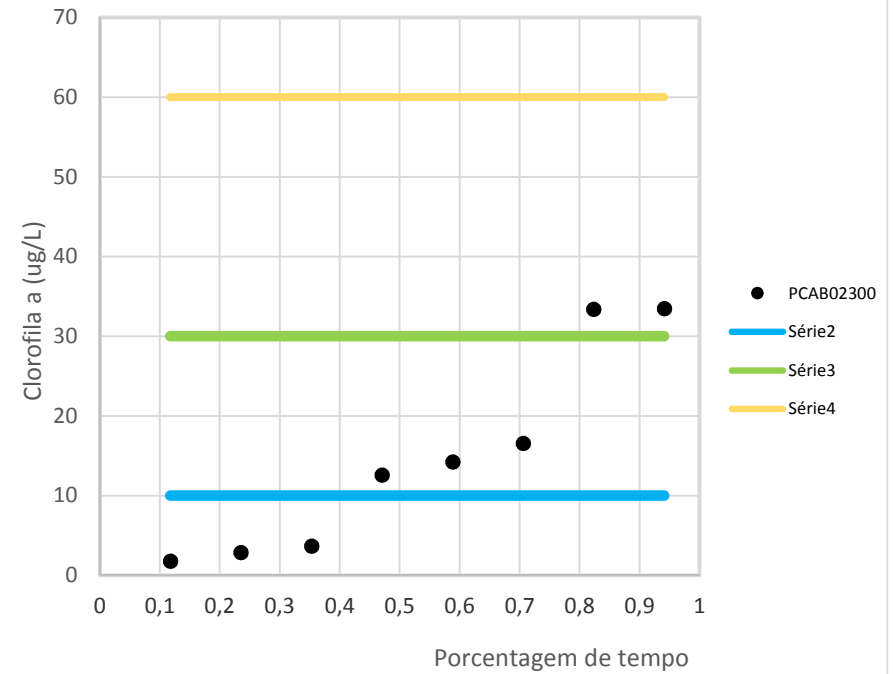


PCAB 02300 – Clorofila a (µg/L)

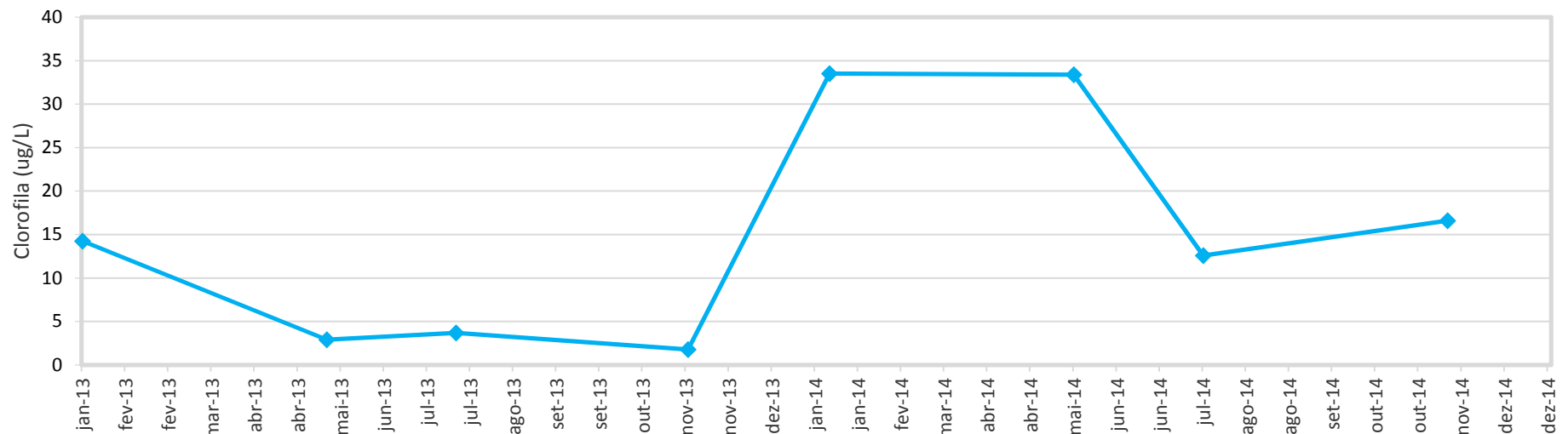
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila



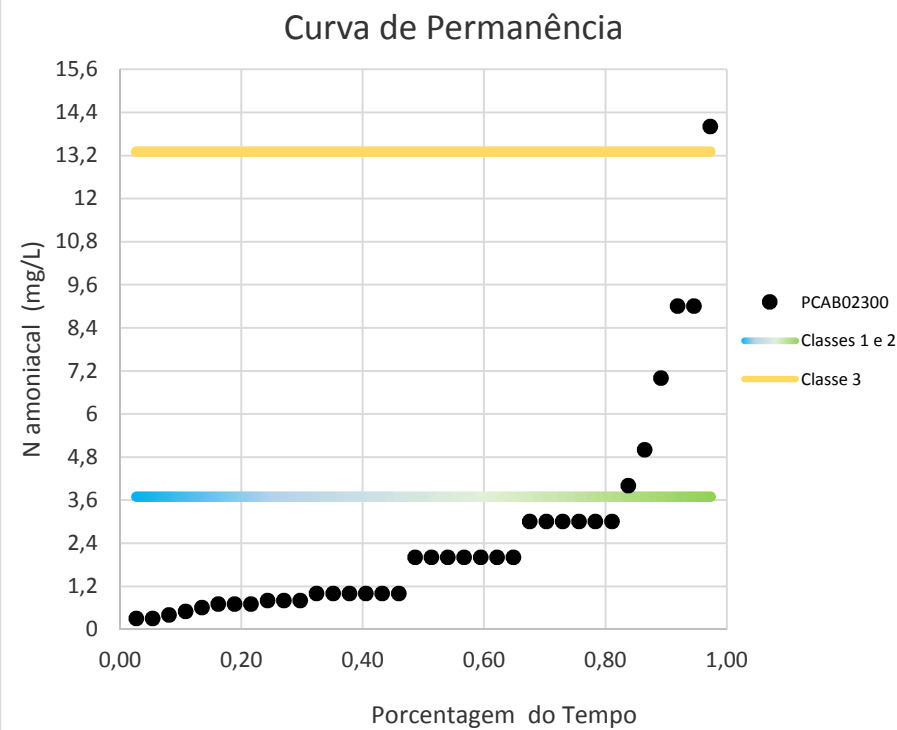
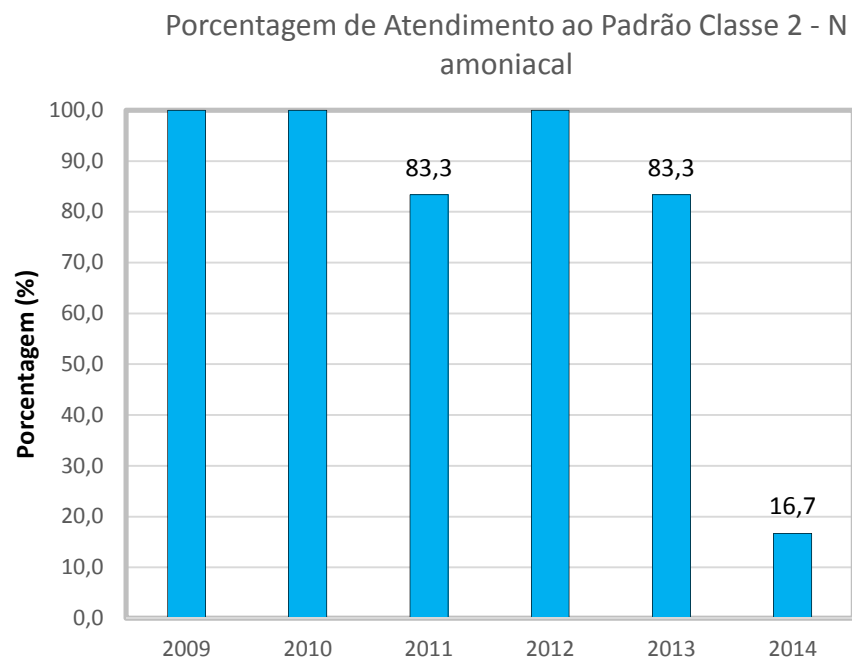
Curva de Permanência



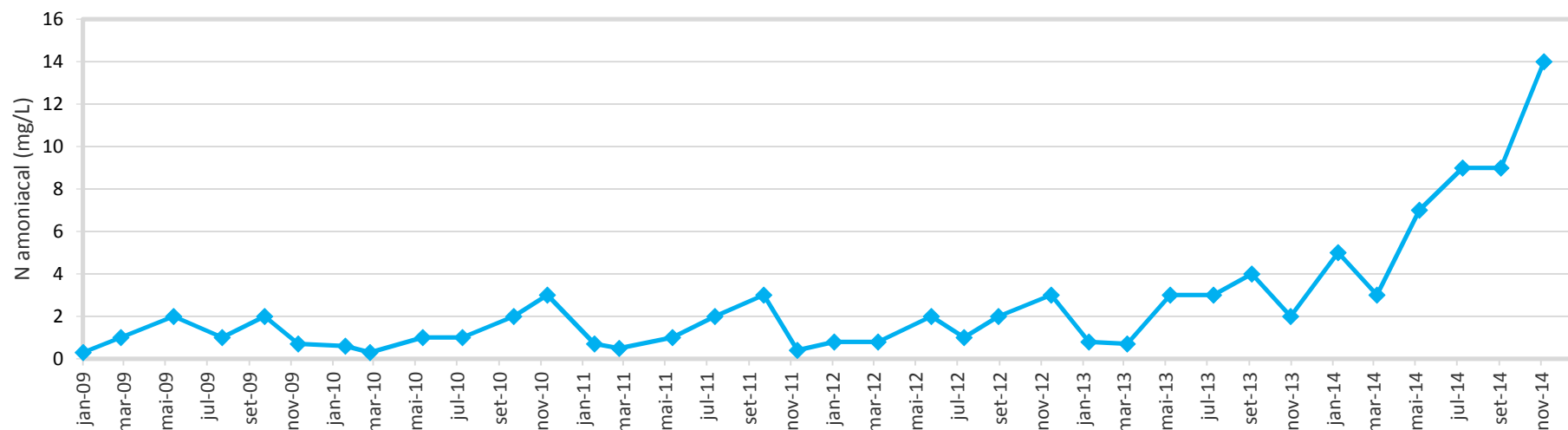
Evolução Temporal



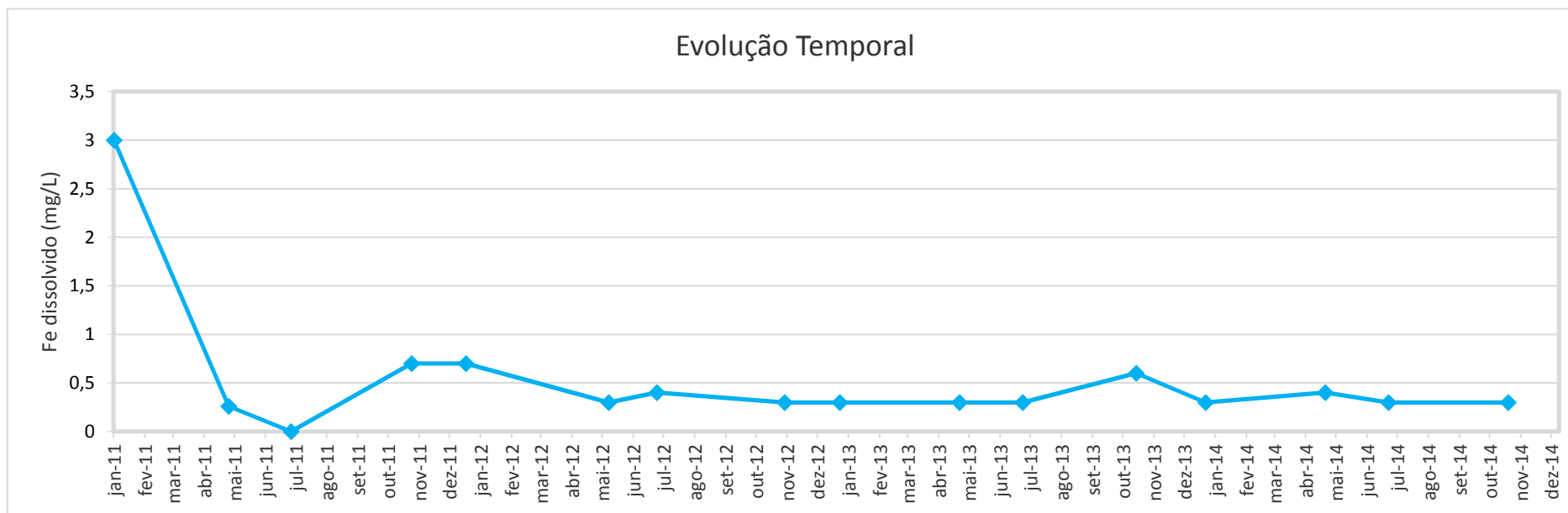
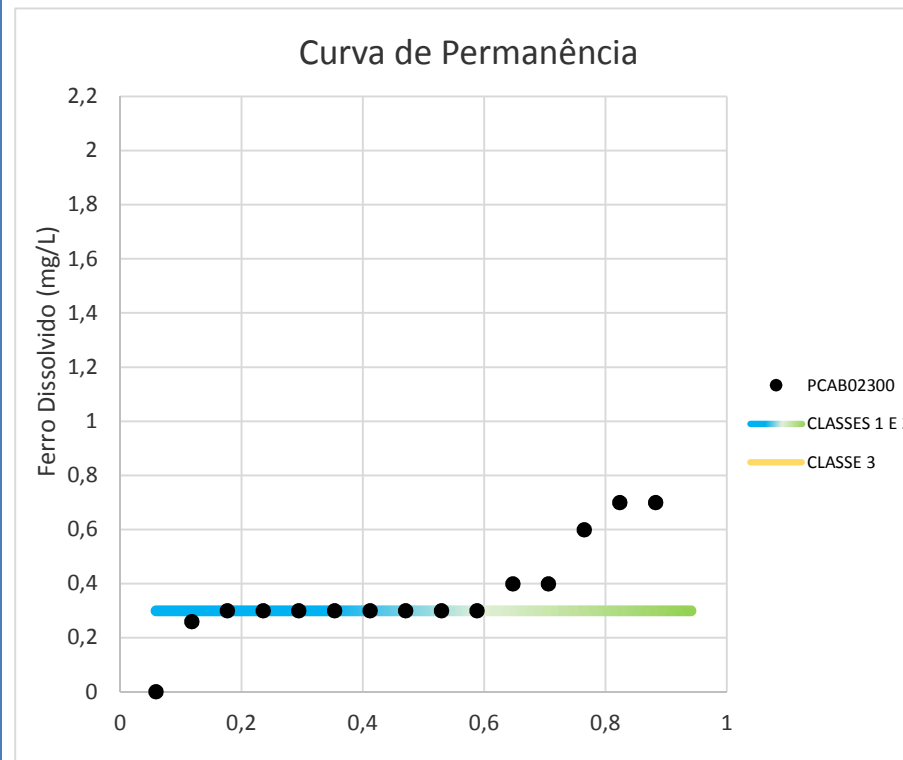
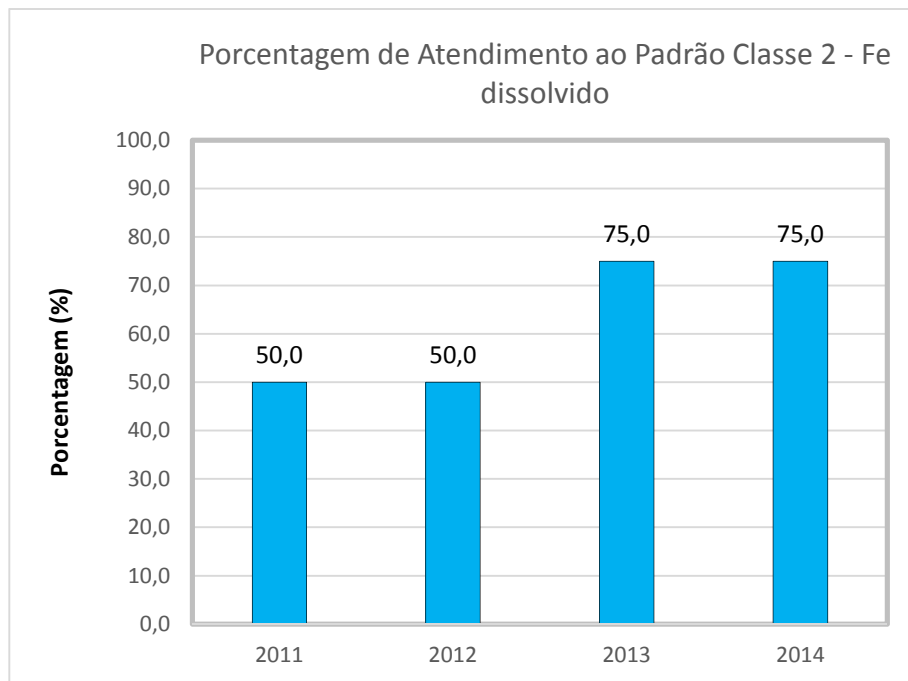
PCAB 02300– Nitrogênio Amoniacal (mg/L)



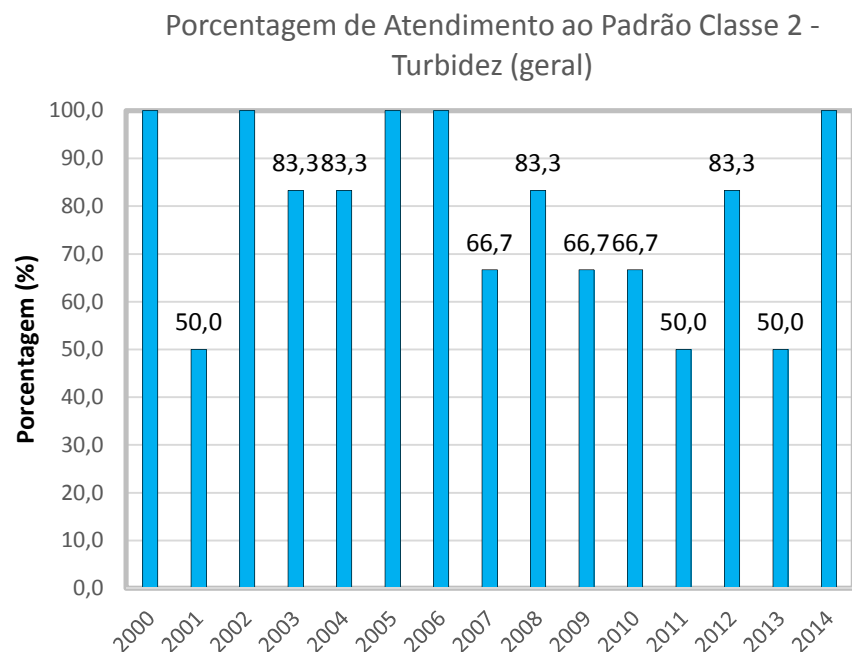
Evolução Temporal



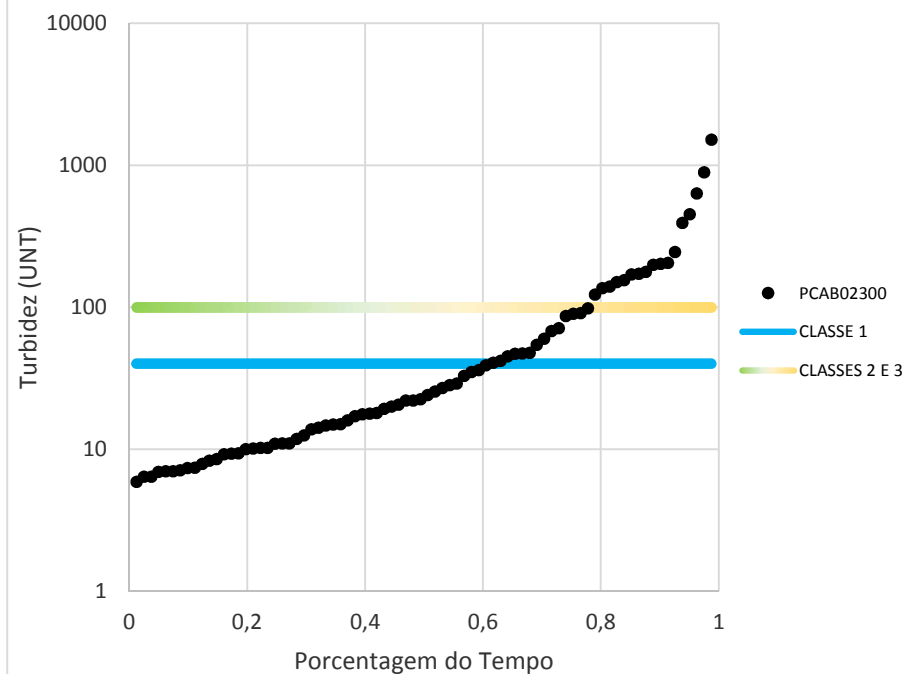
PCAB 02300 – Ferro Dissolvido (mg/L)



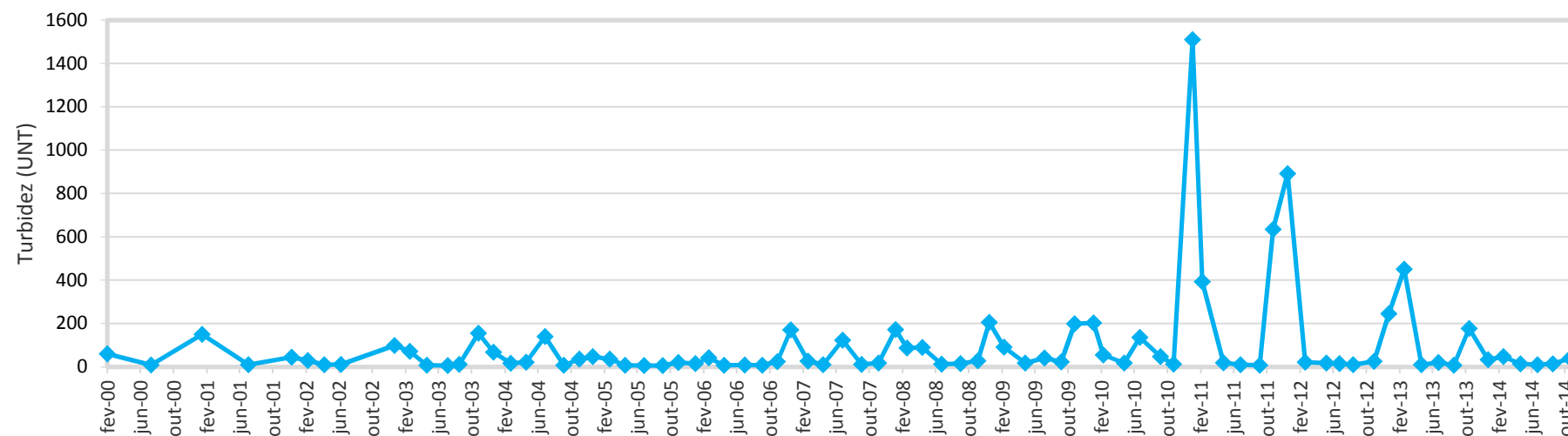
PCAB 02300 – Turbidez (UNT)



Curva de Permanência- Turbidez

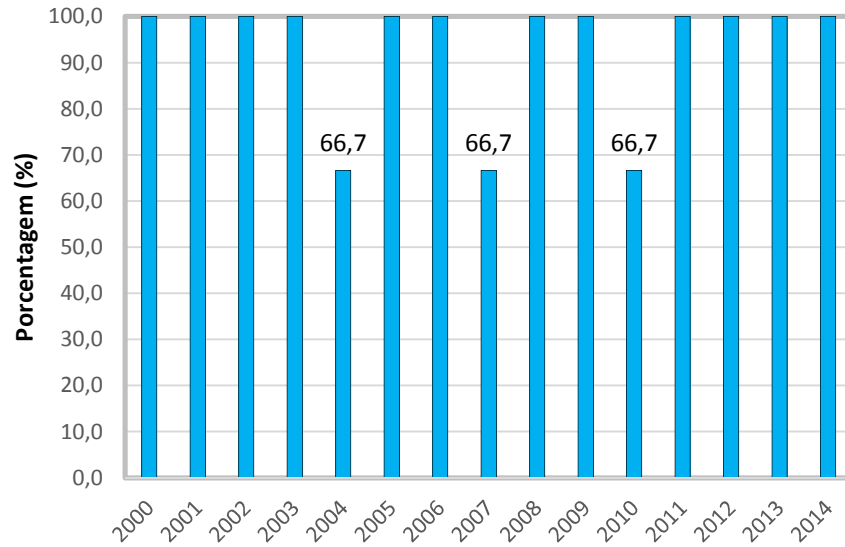


Evolução Temporal

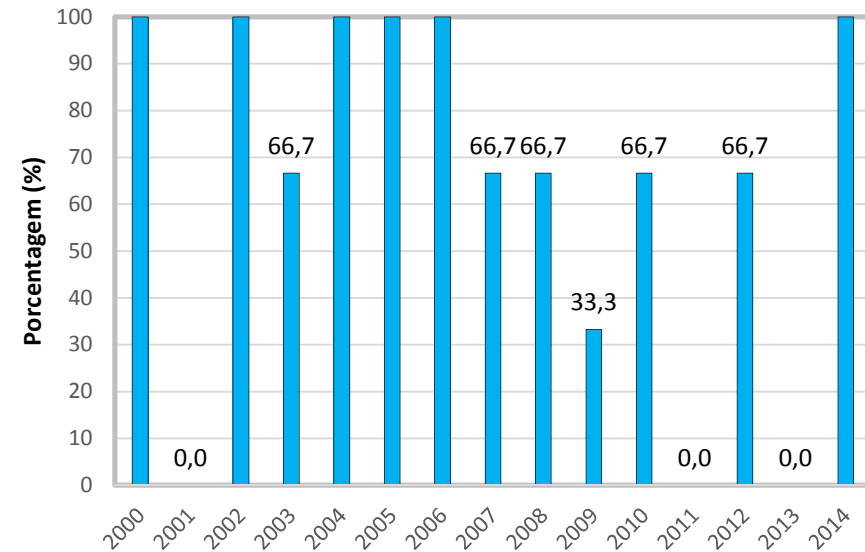


PCAB 02300 – Turbidez (Período Seco x Período Chuvoso)

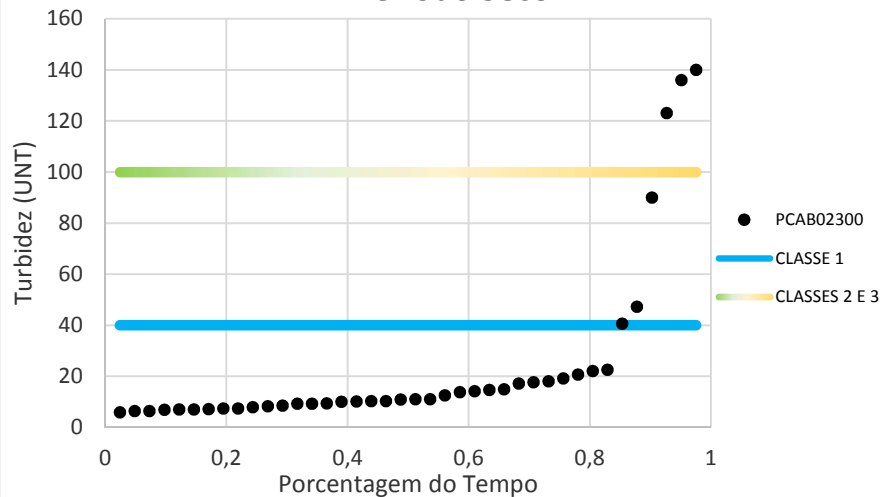
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



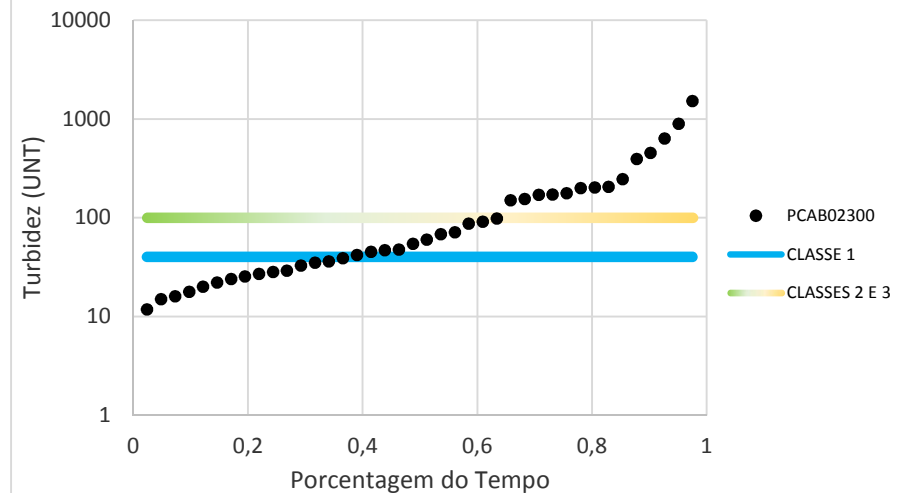
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

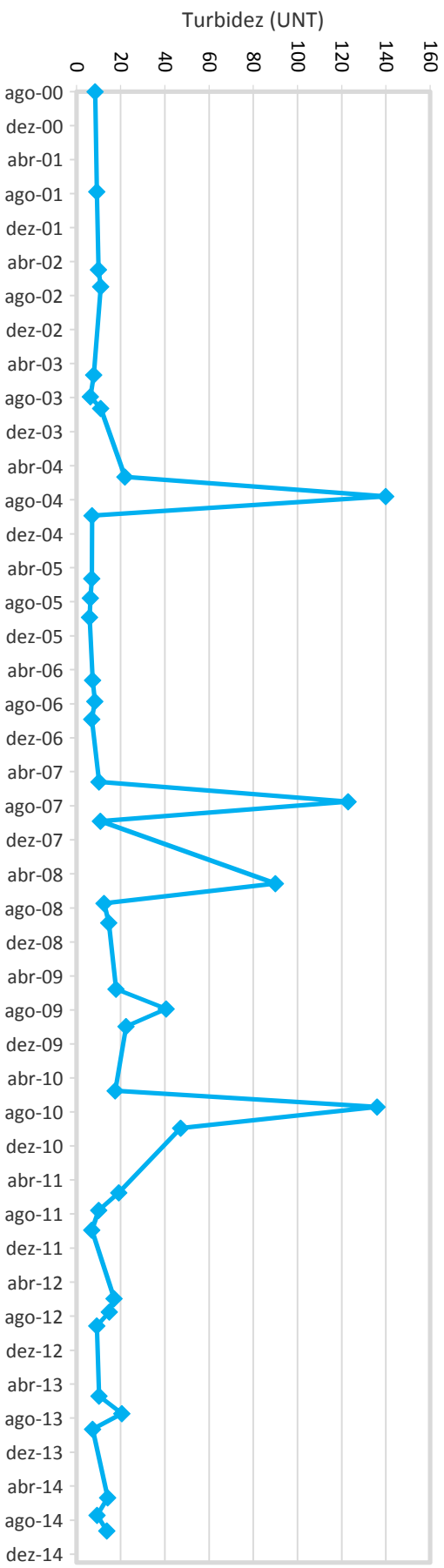


Curva de Permanência- Turbidez
Período Chuvoso

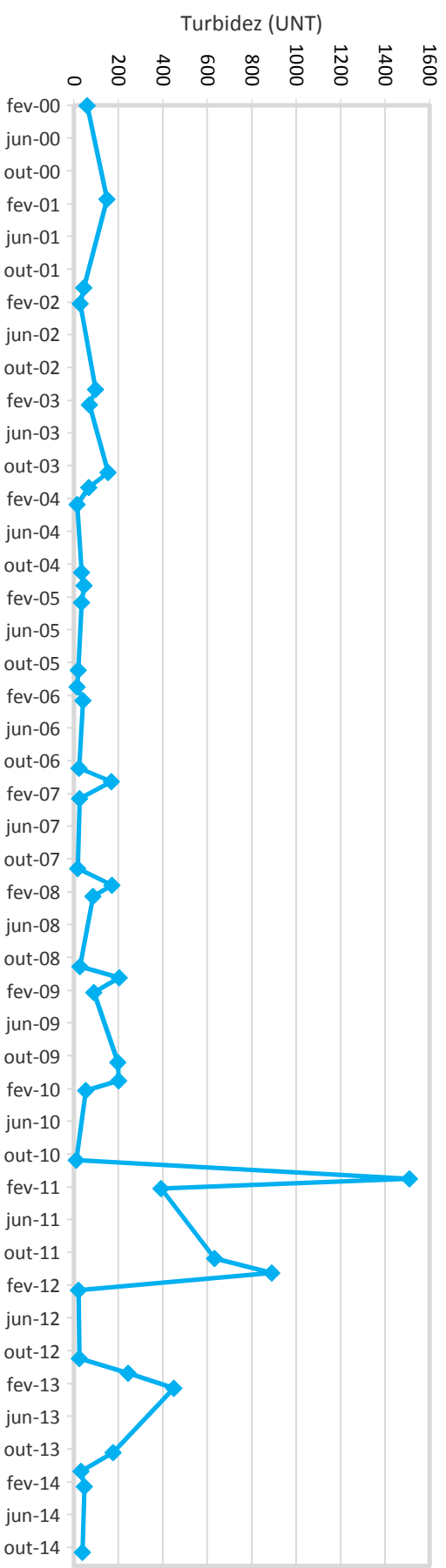


PCAB 02300 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

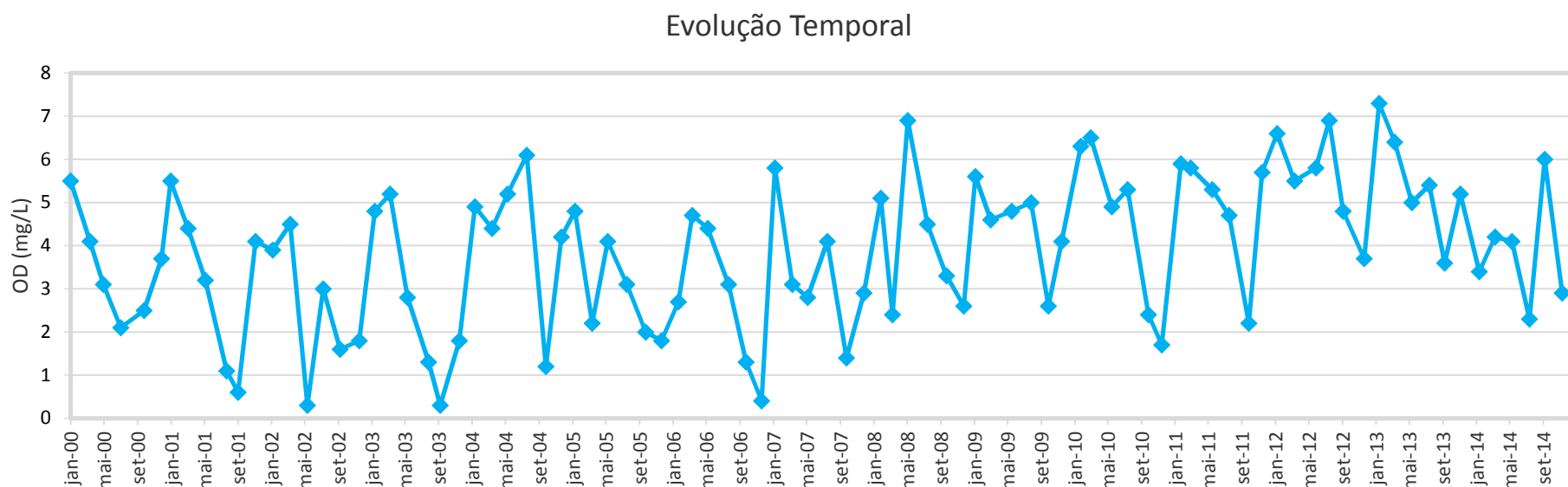
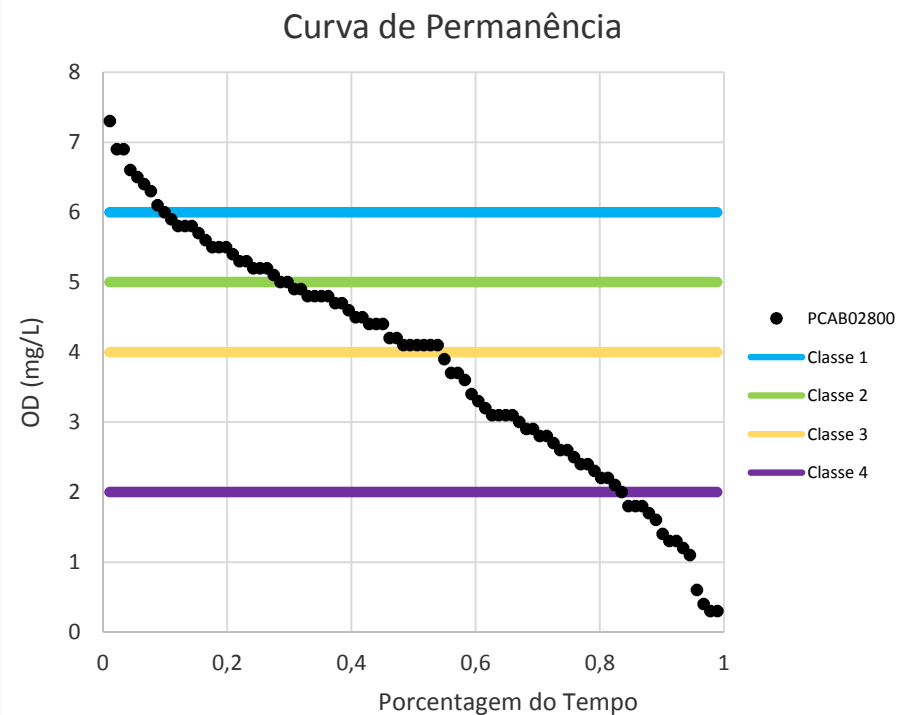
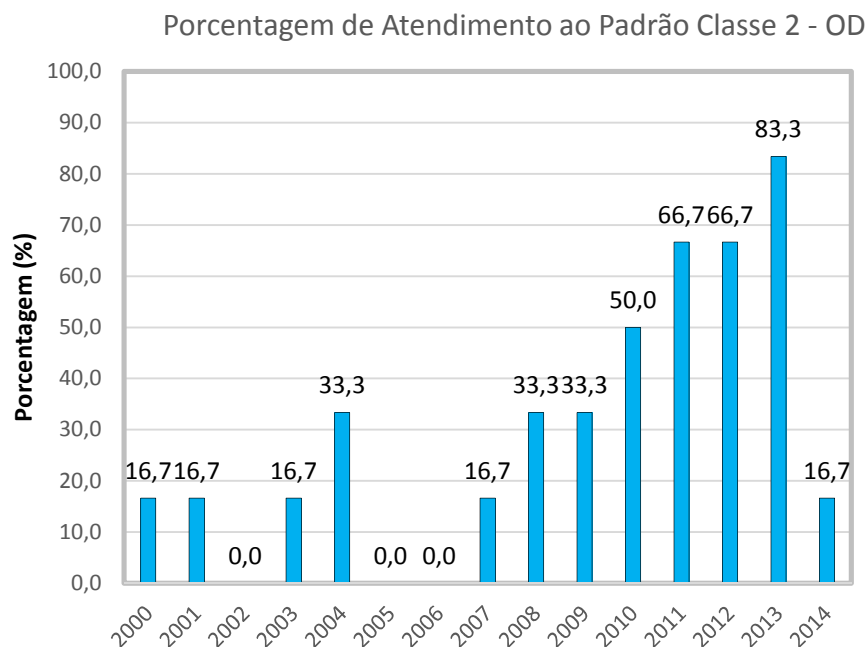


Evolução Temporal - Período Chuvoso

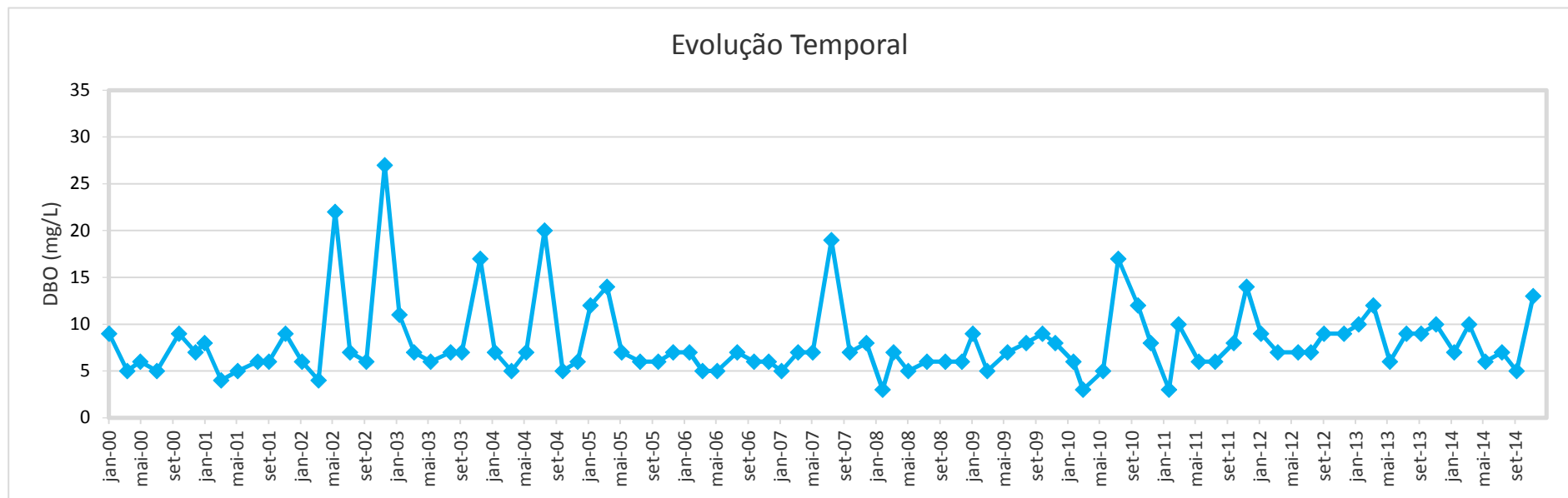
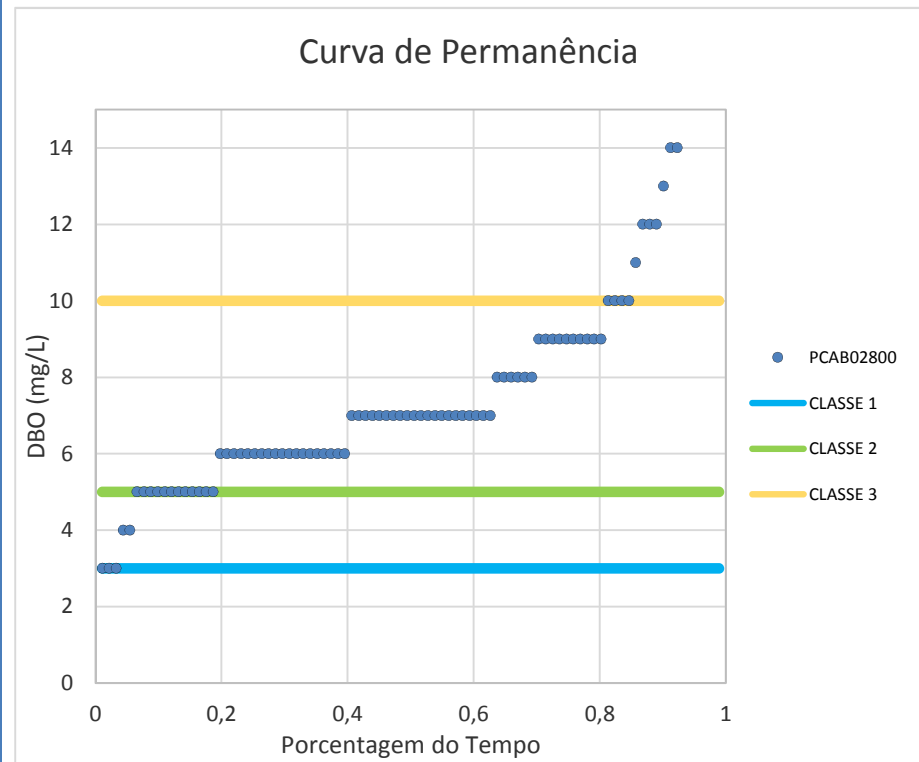
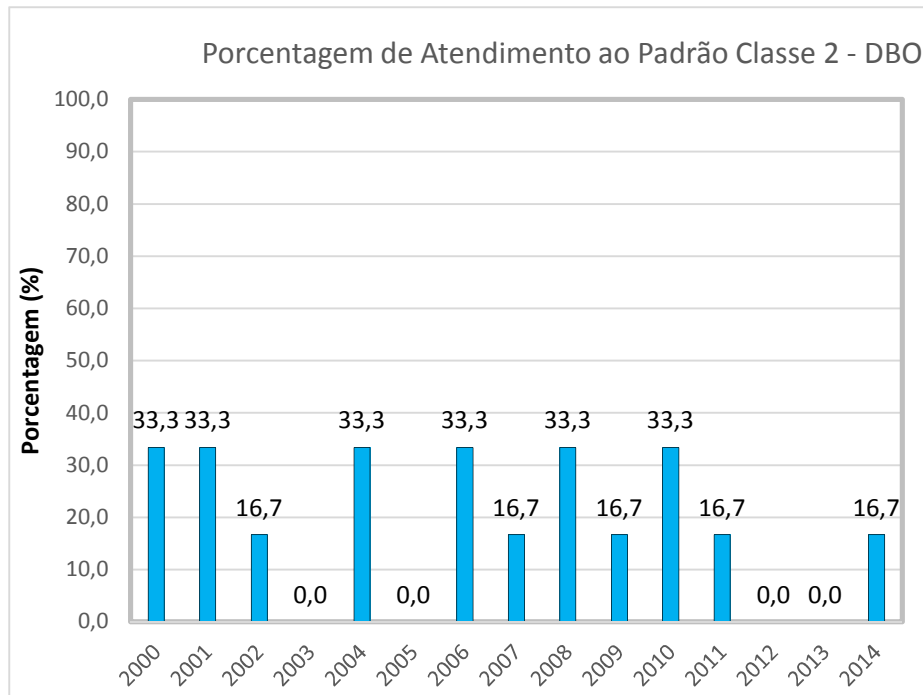


Rio Piracicaba
PCAB 02800

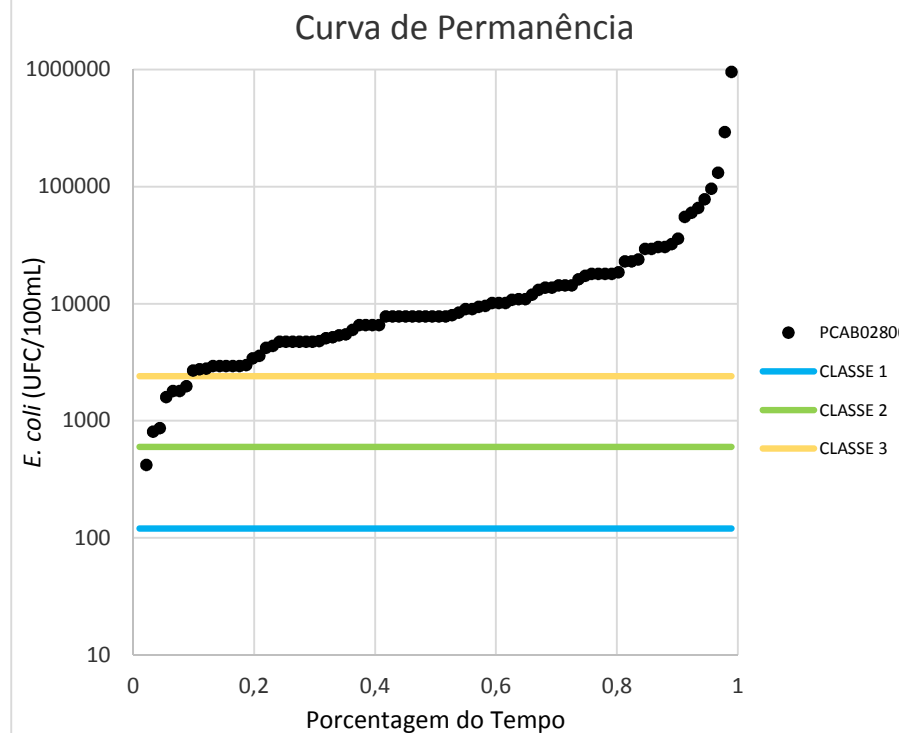
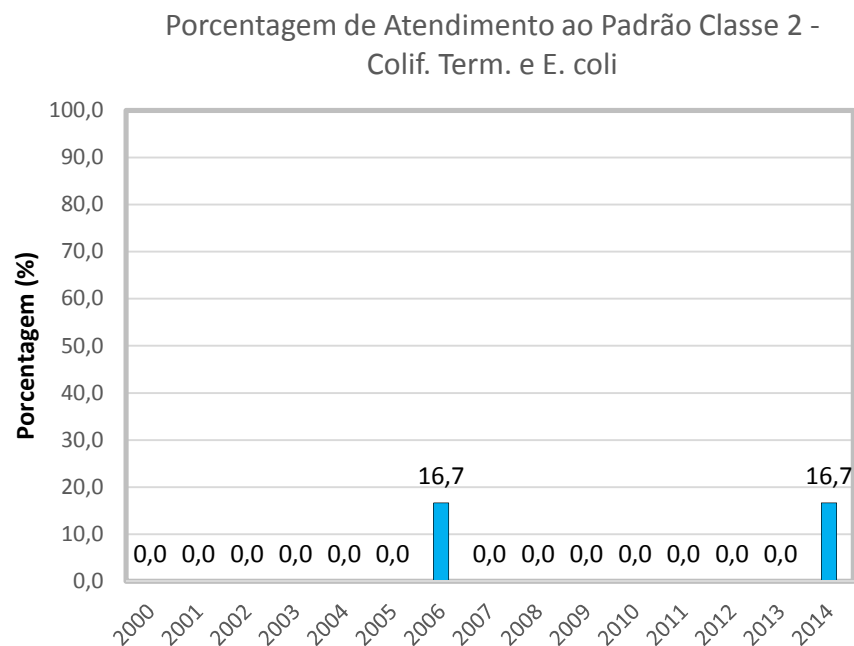
PCAB 02800 – Oxigênio Dissolvido (mg/L)



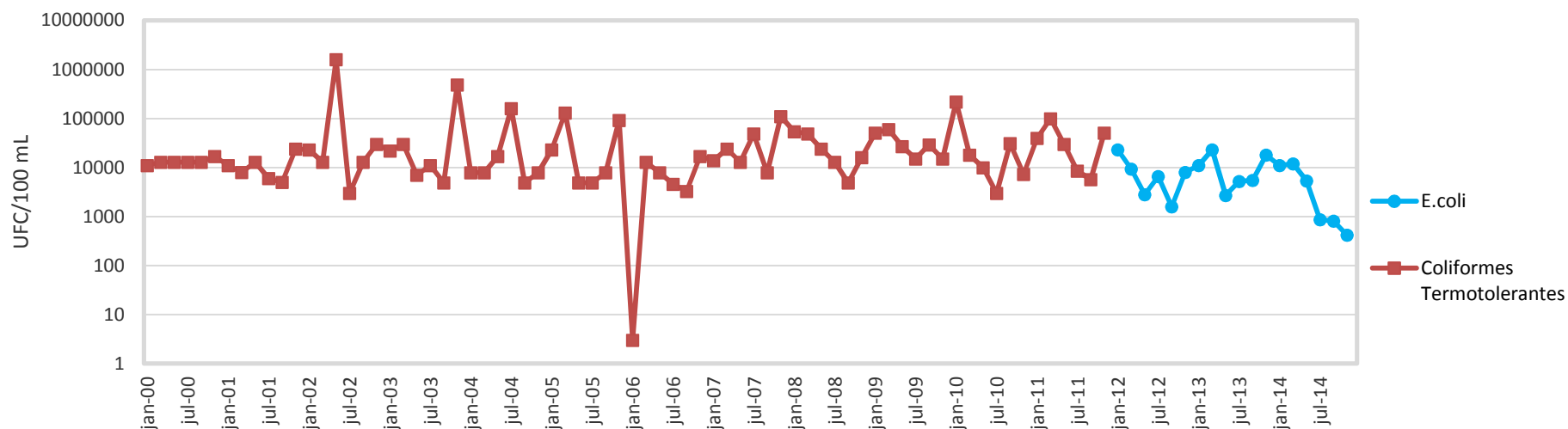
PCAB 02800 – DBO (mg/L)



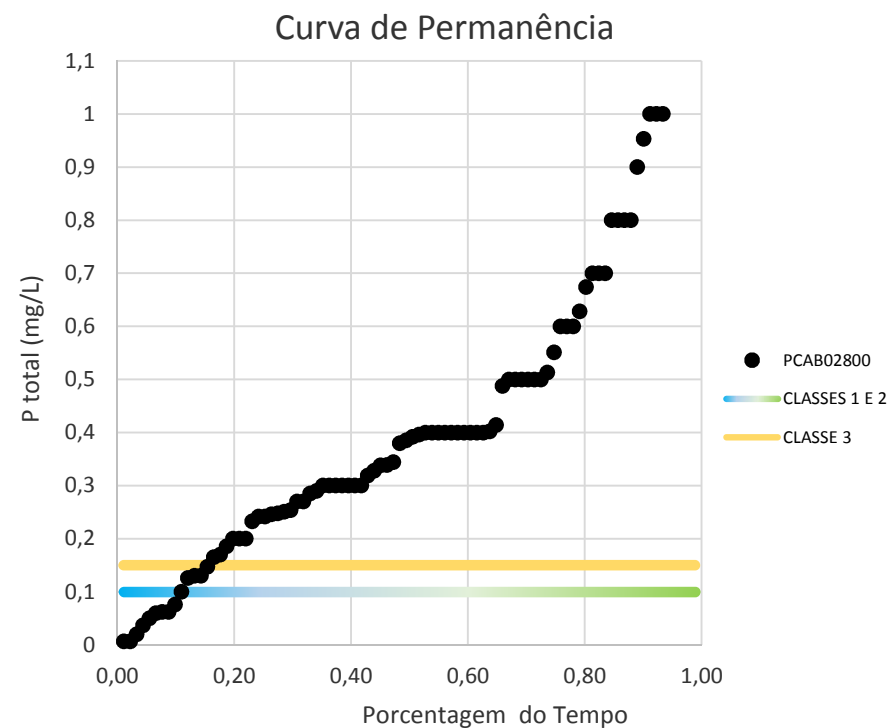
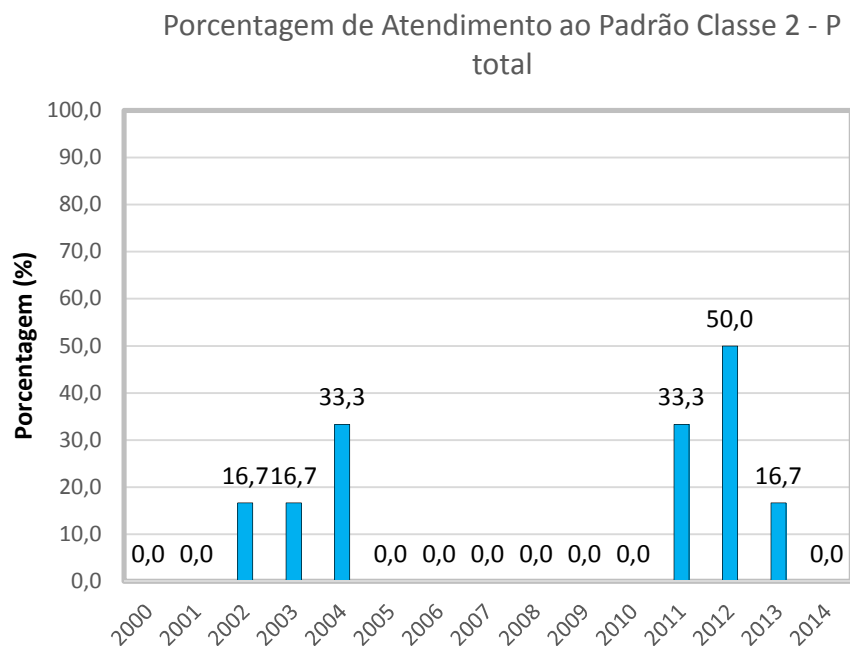
PCAB 02800 – *Escherichia coli* (UFC/100mL)



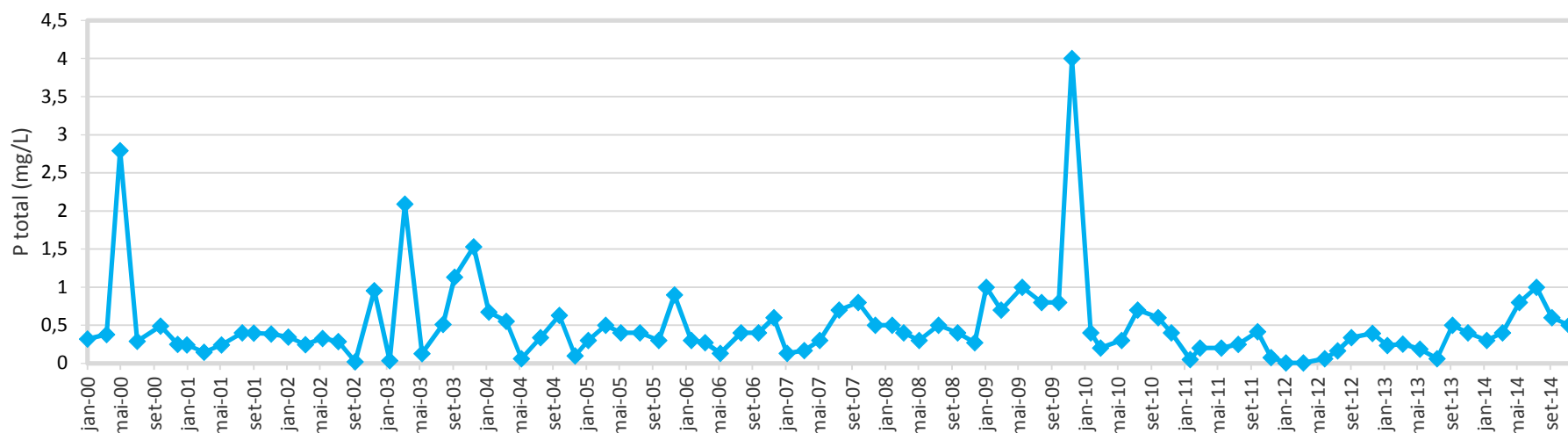
Evolução Temporal



PCAB 02800 – Fósforo Total (mg/L)

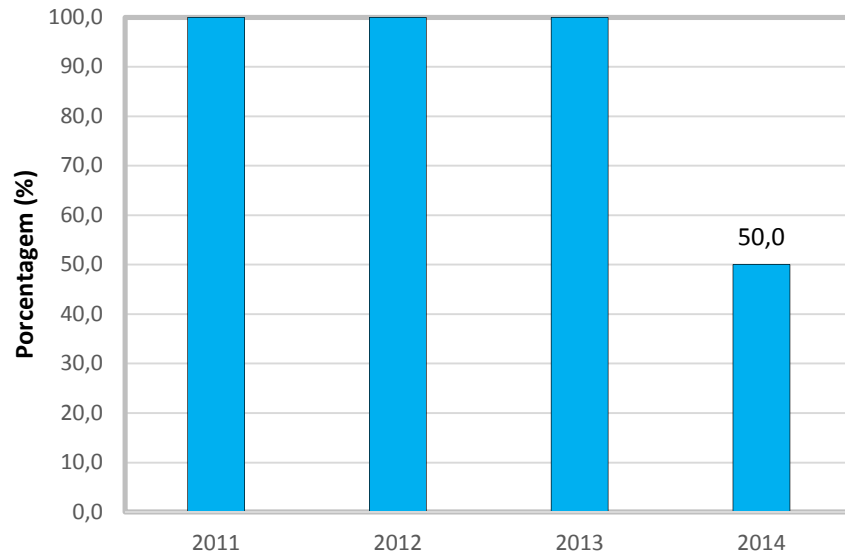


Evolução Temporal

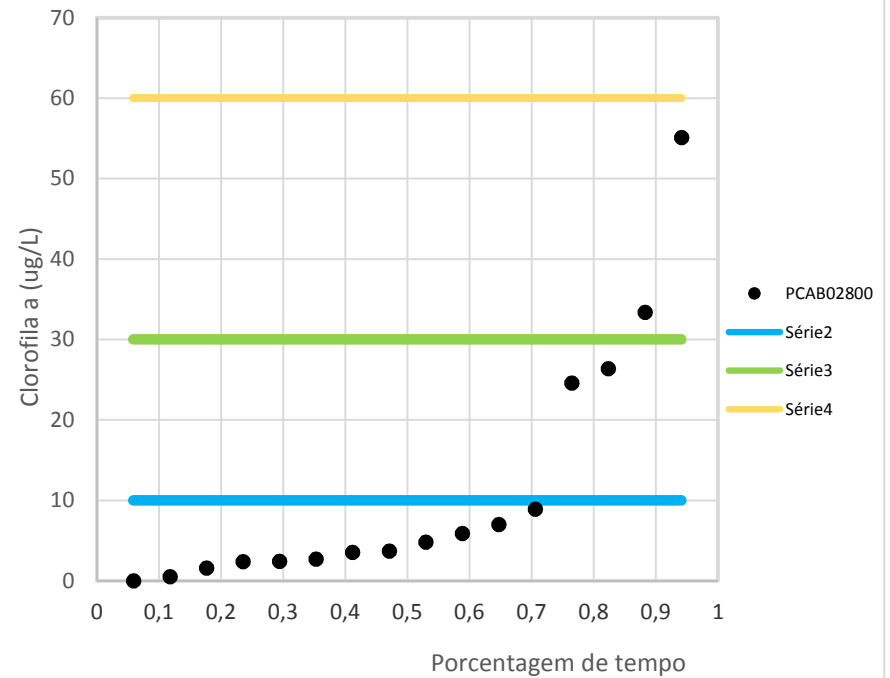


PCAB 02800 – Clorofila a (µg/L)

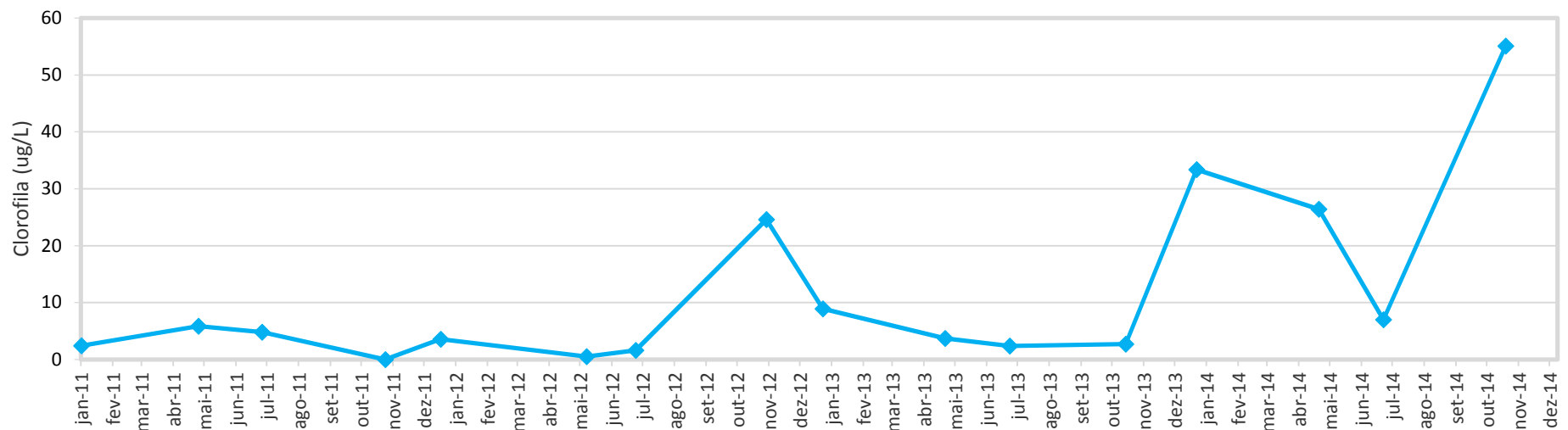
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila



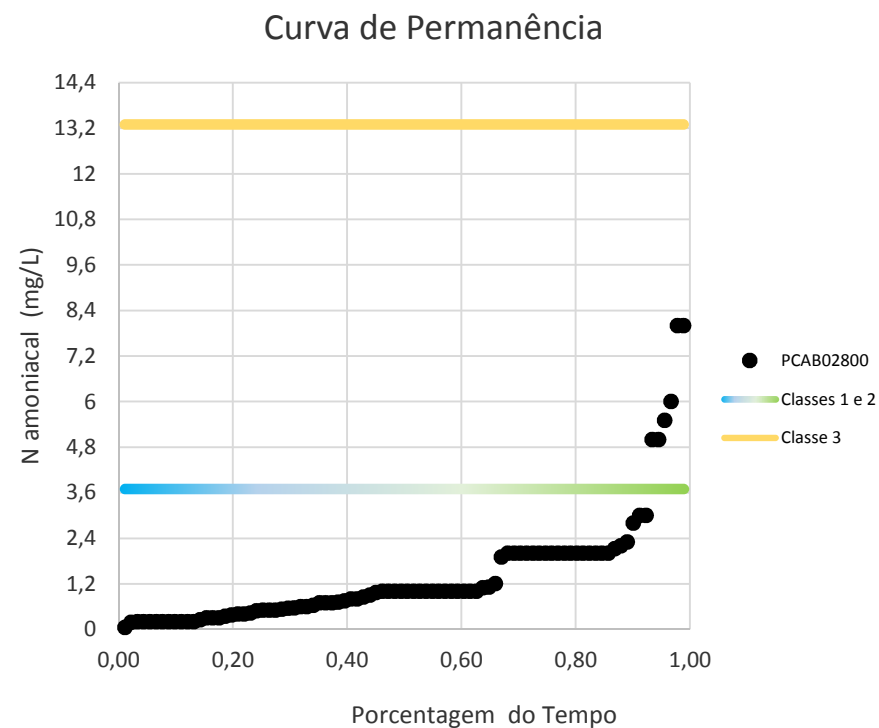
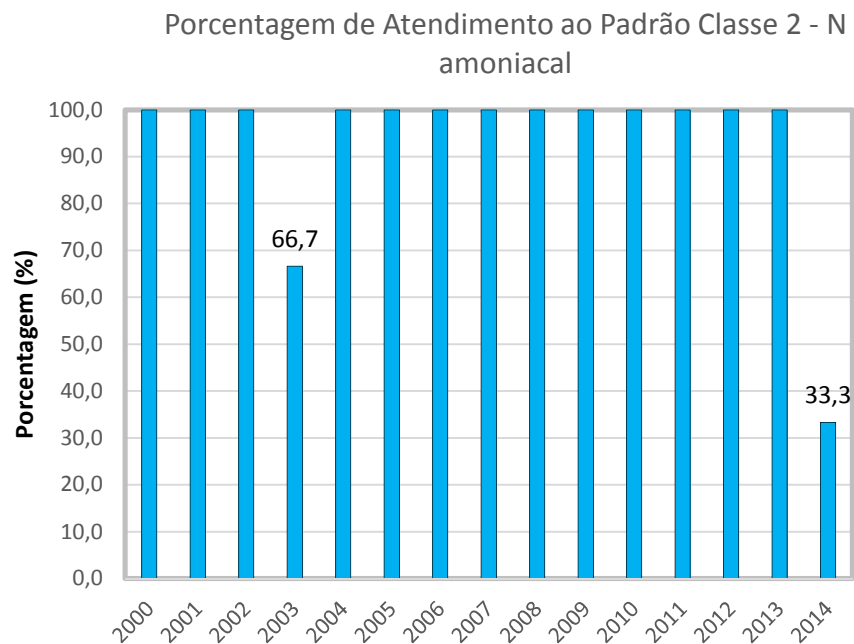
Curva de Permanência



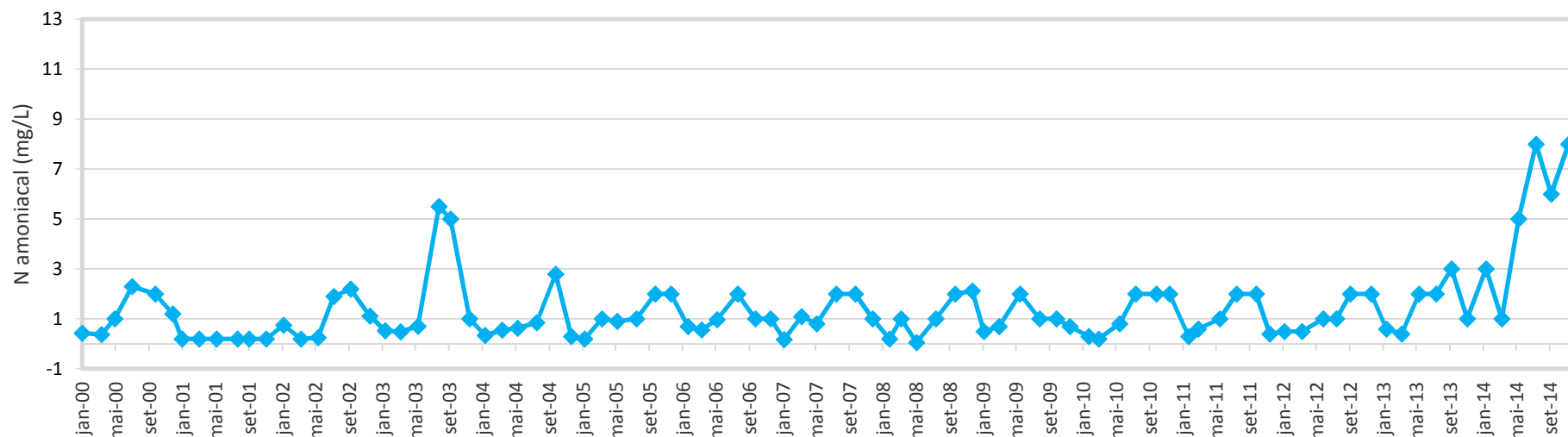
Evolução Temporal



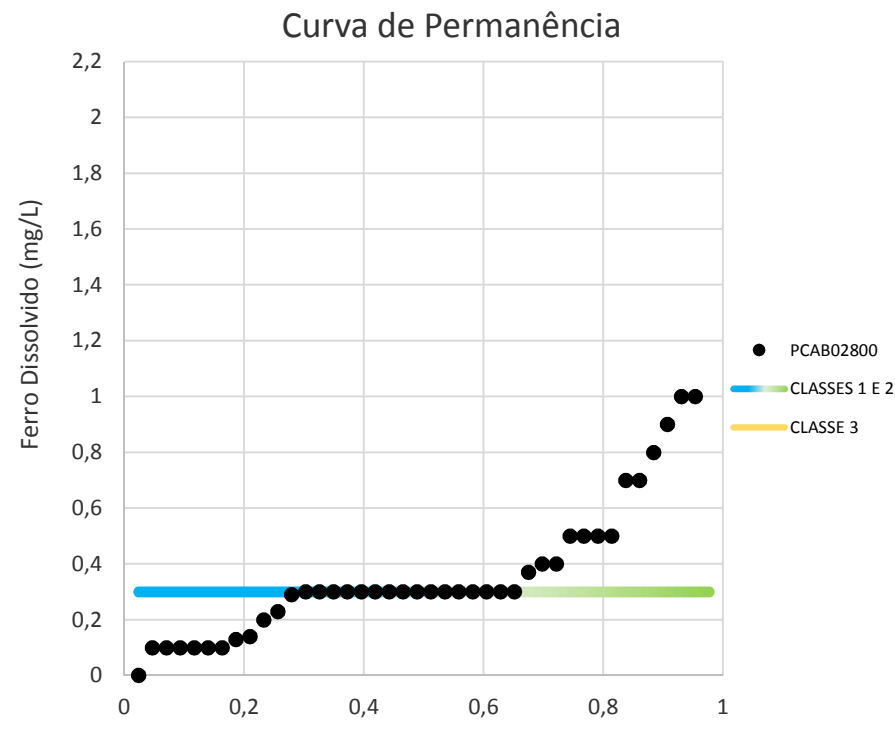
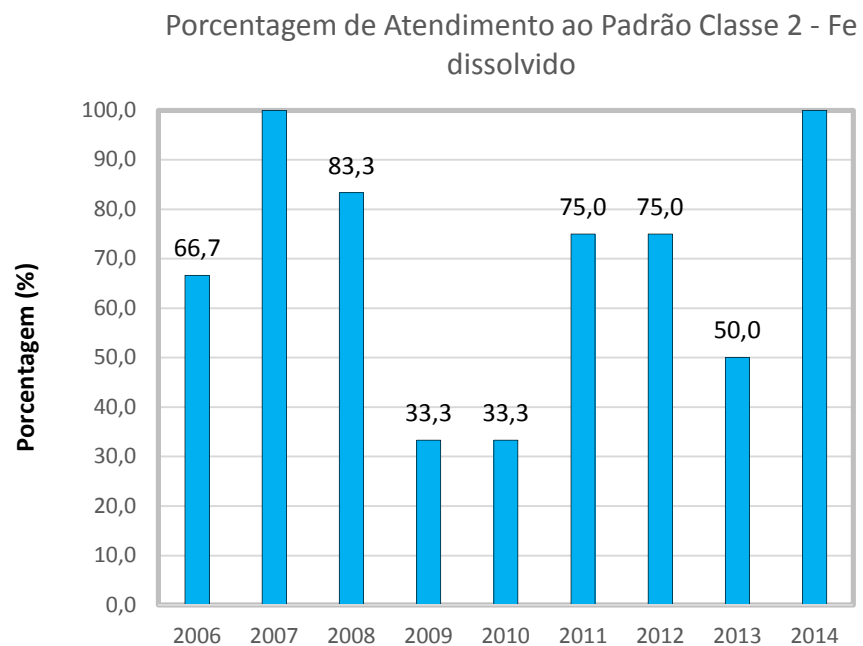
PCAB 02800– Nitrogênio Amoniacal (mg/L)



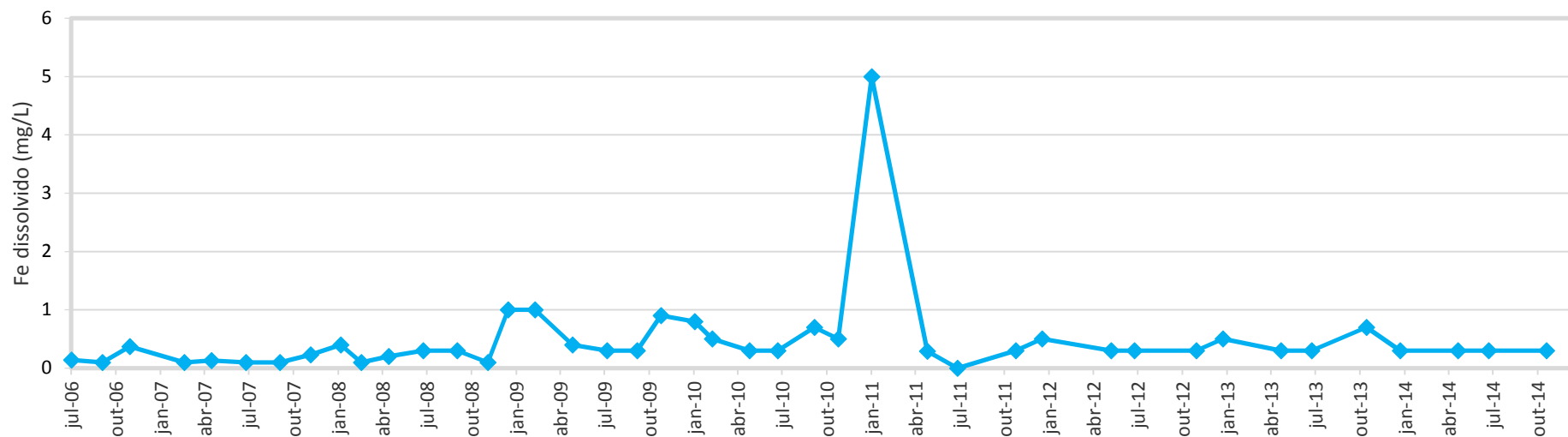
Evolução Temporal



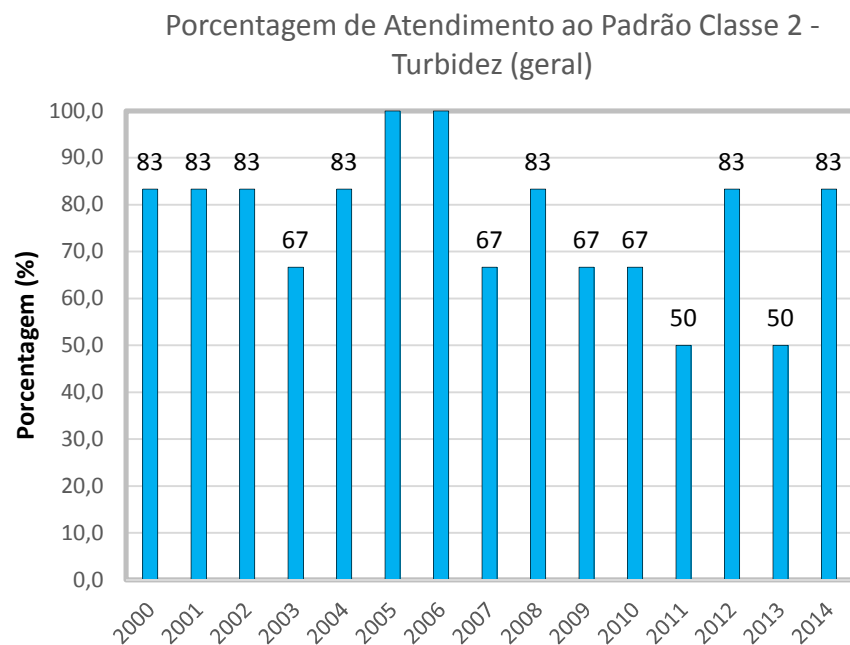
PCAB 02800 – Ferro Dissolvido (mg/L)



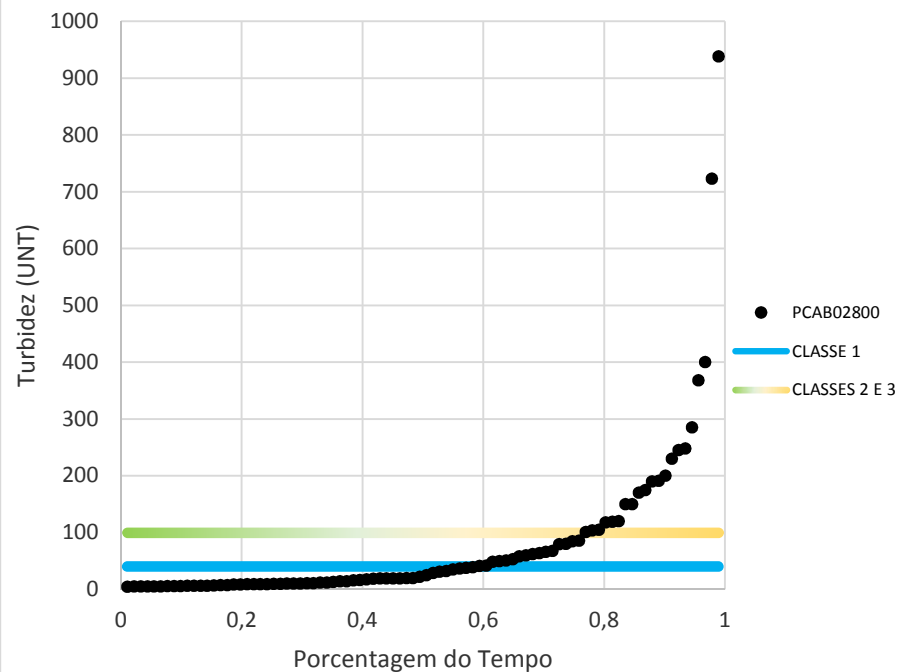
Evolução Temporal



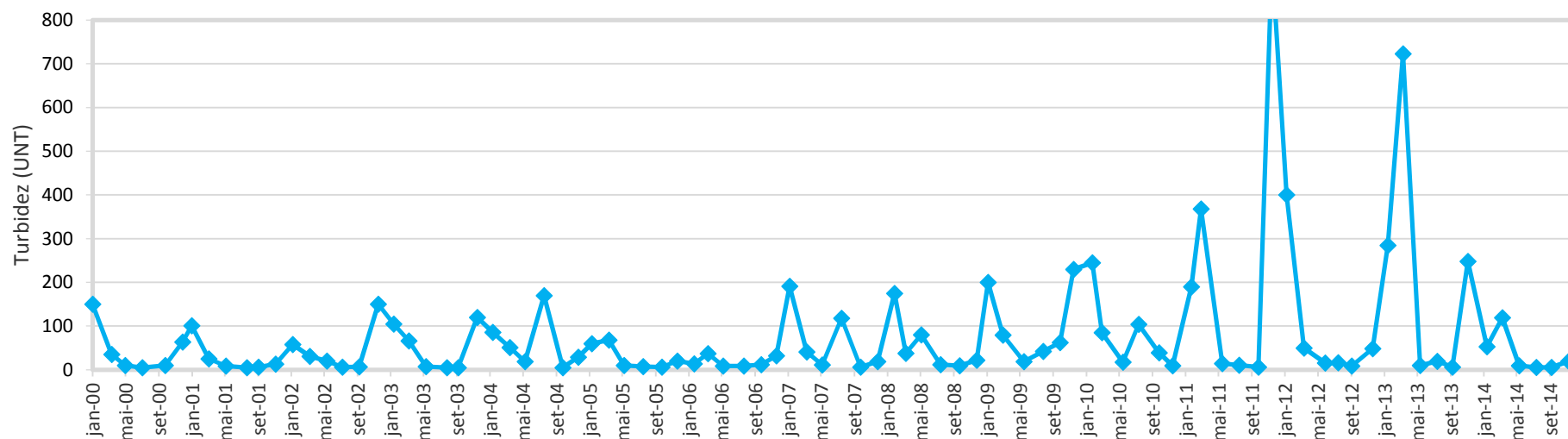
PCAB 02800 – Turbidez (UNT)



Curva de Permanência- Turbidez

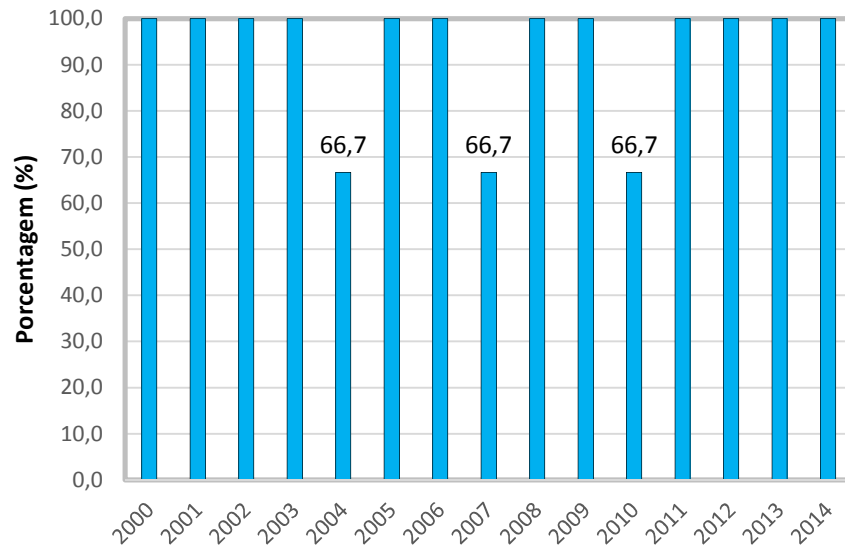


Evolução Temporal

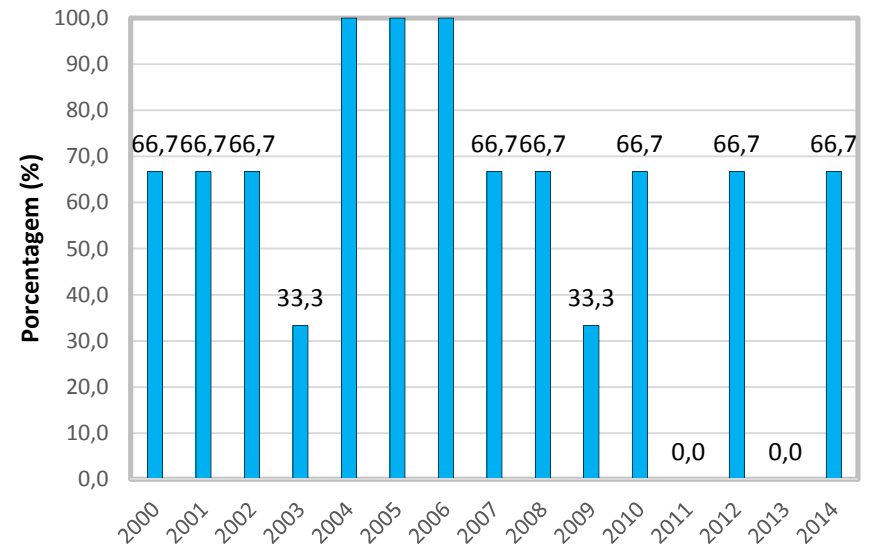


PCAB 02800 – Turbidez (Período Seco x Período Chuvoso)

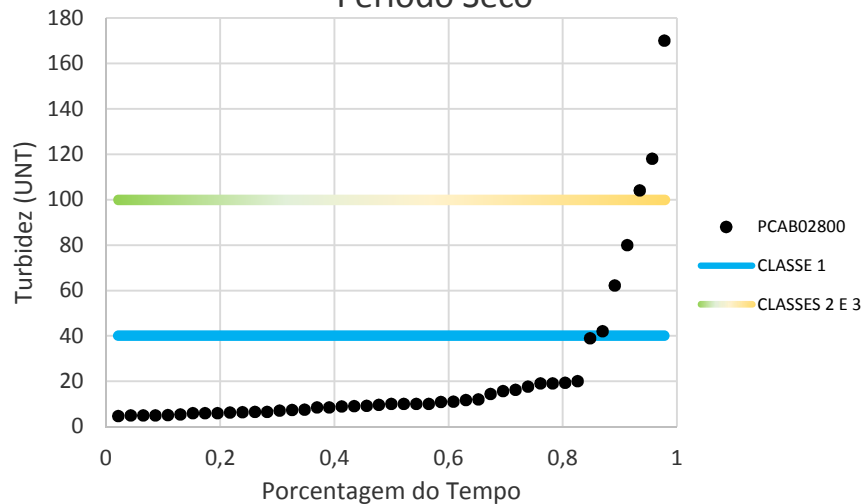
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



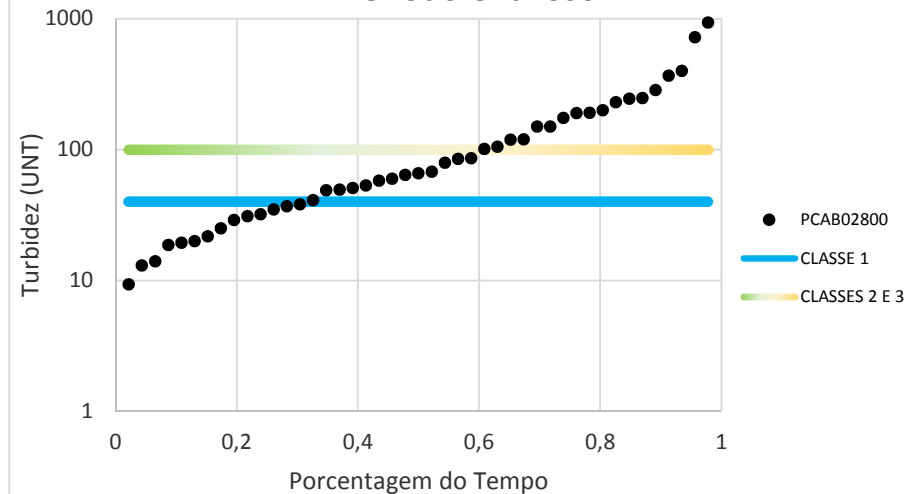
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



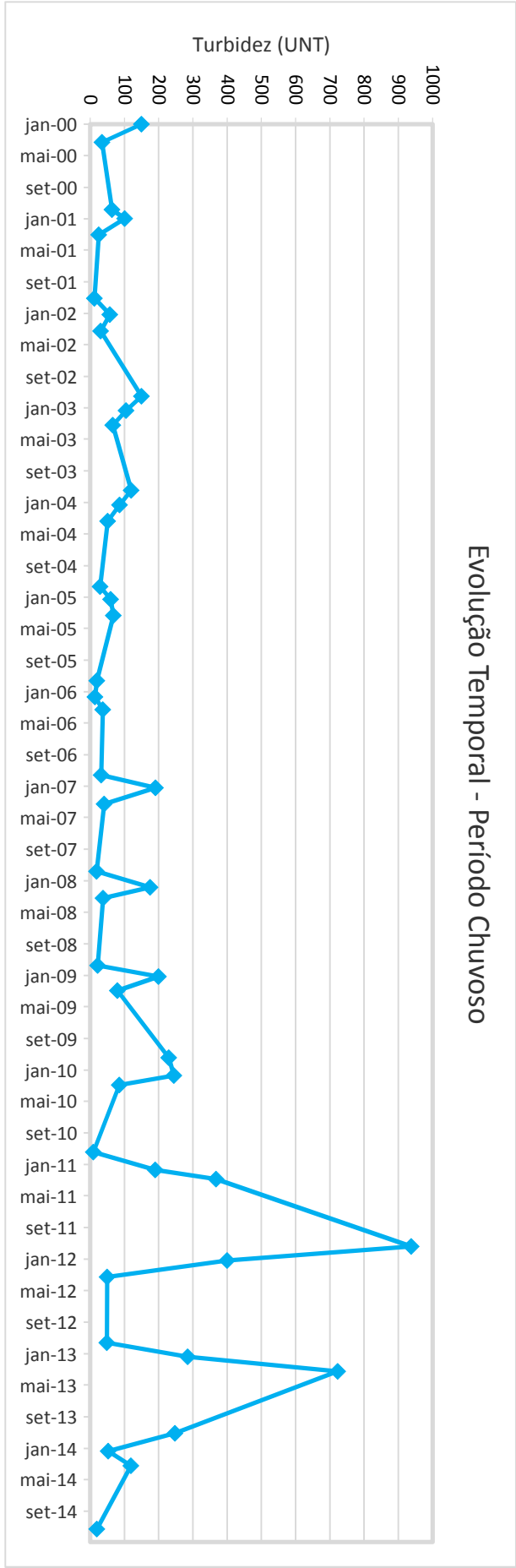
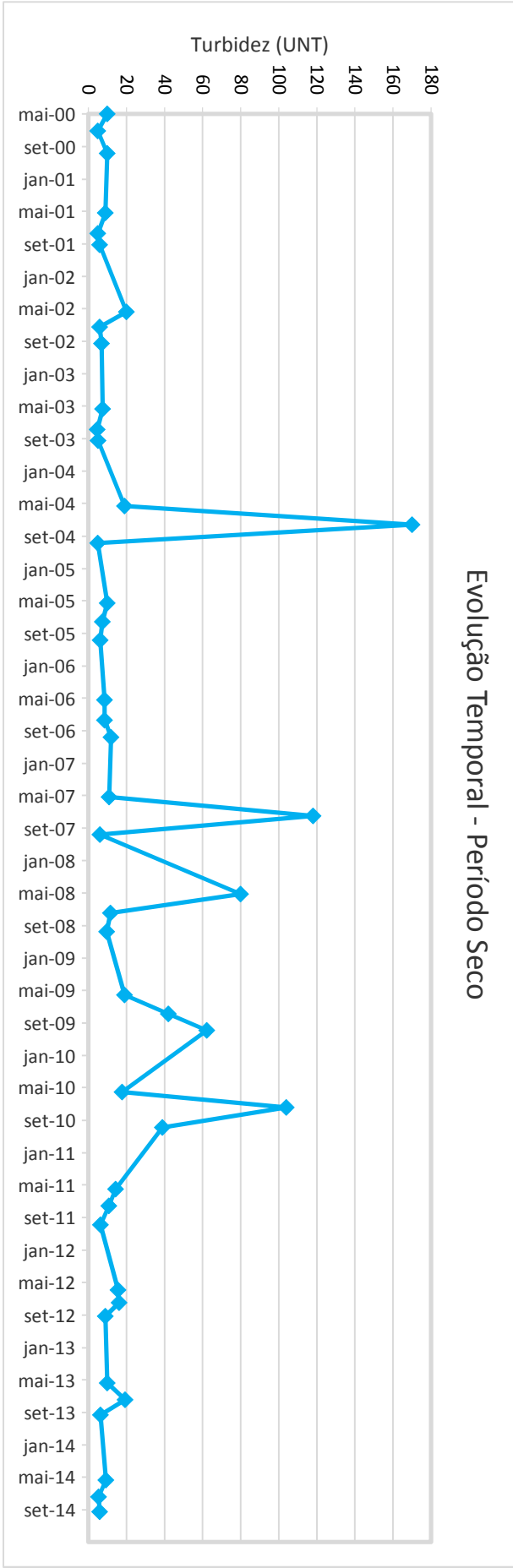
Curva de Permanência- Turbidez
Período Seco



Curva de Permanência- Turbidez
Período Chuvoso

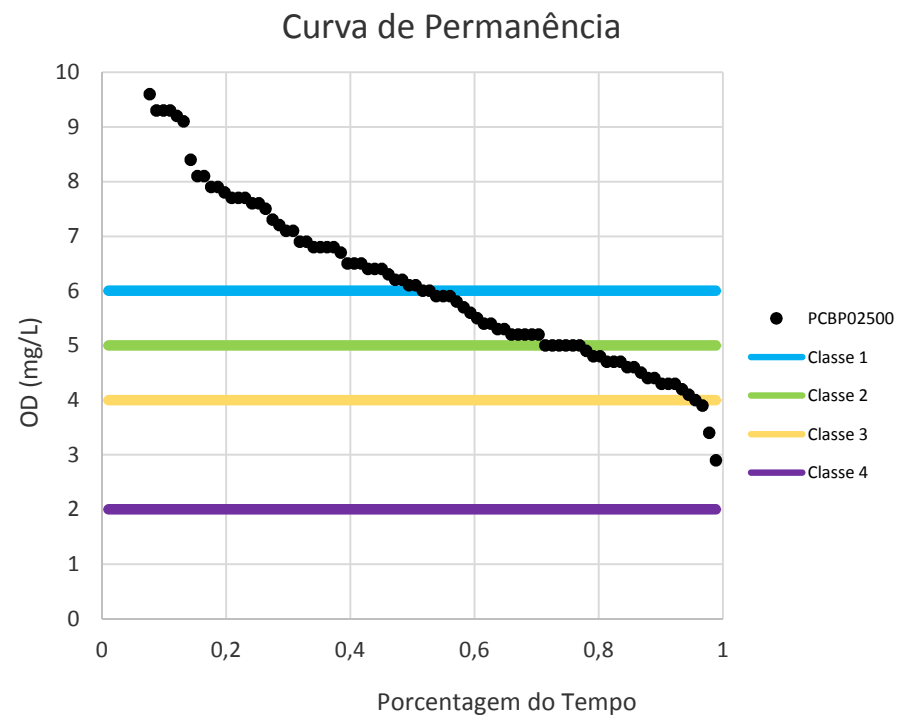
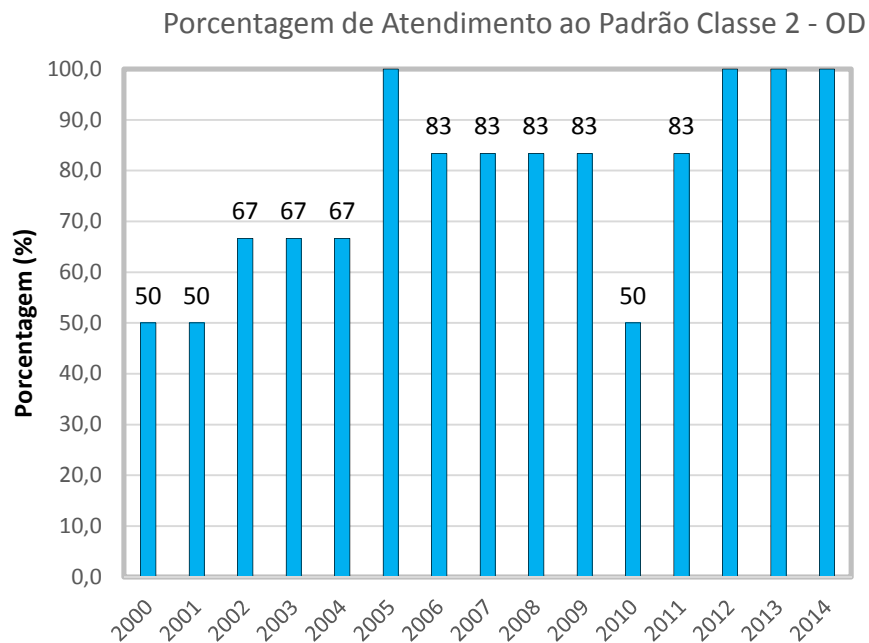


PCAB 02800 – Turbidez (Período Seco x Período Chuvoso)

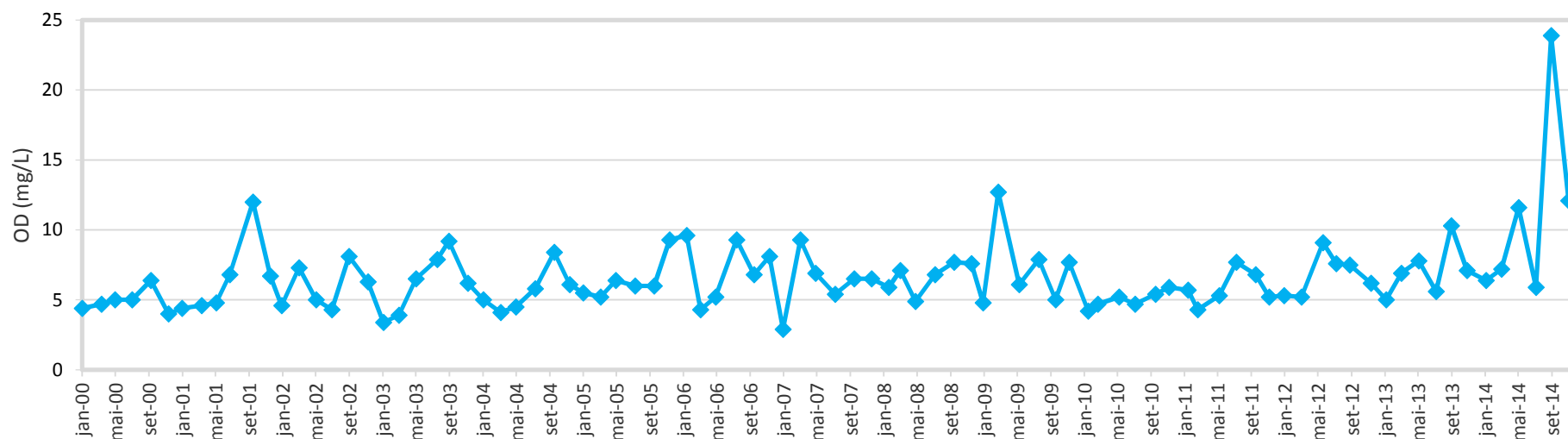


Braço do Rio Piracicaba
PCBP 02500

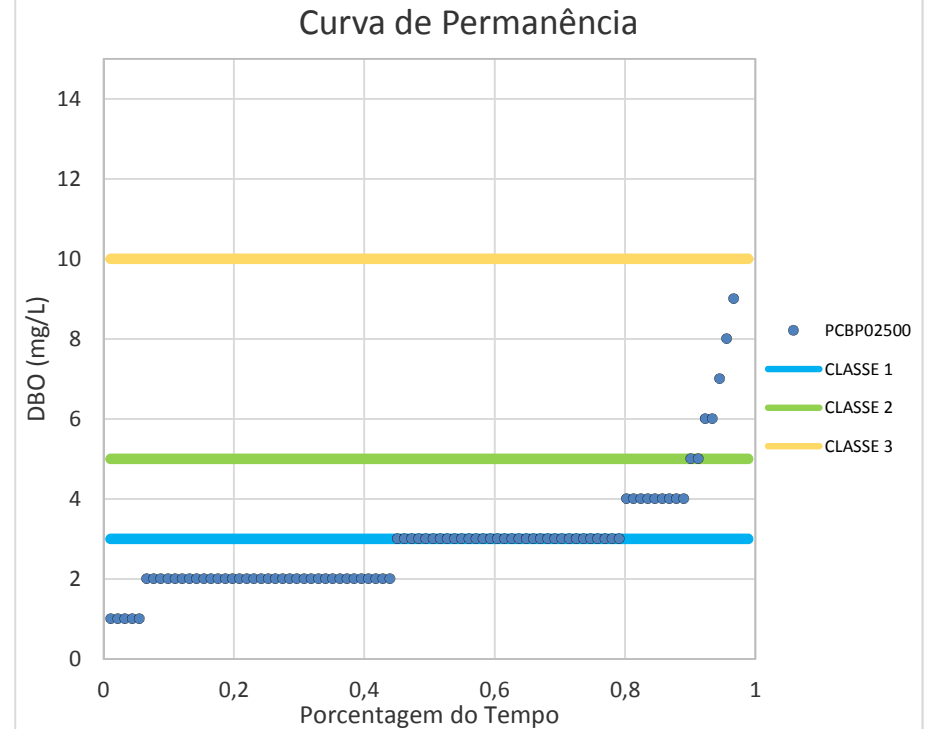
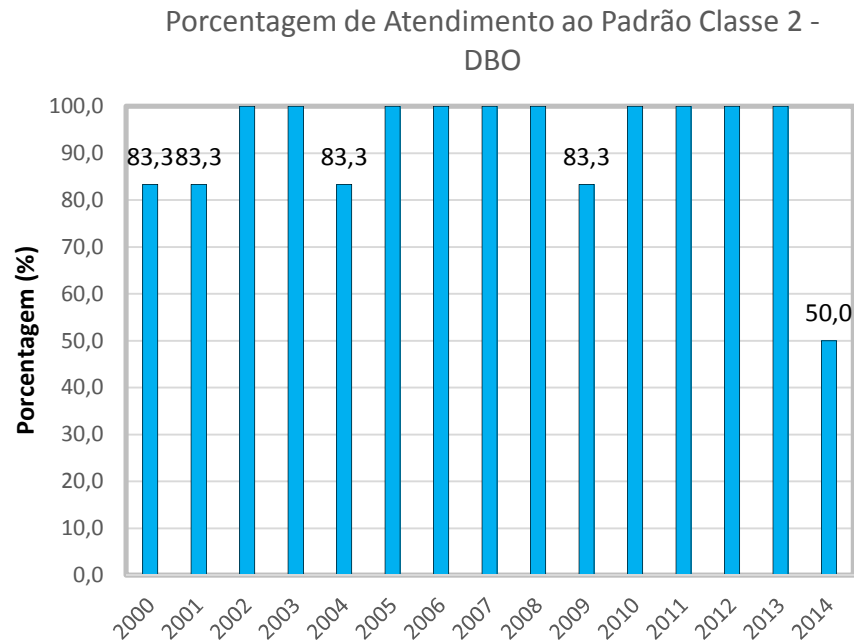
PCBP 02500 – Oxigênio Dissolvido (mg/L)



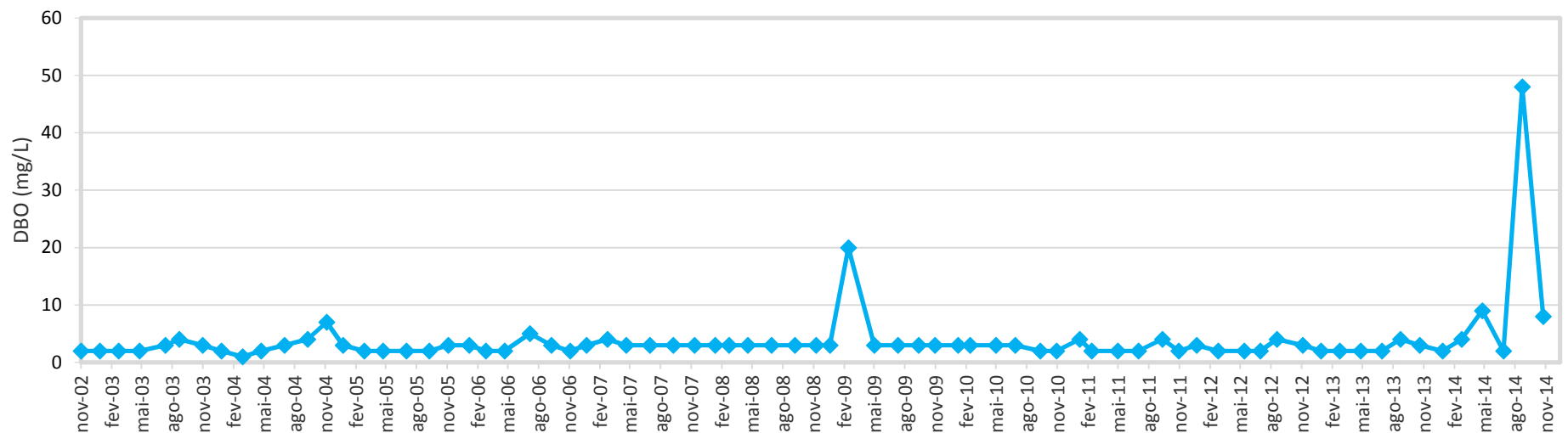
Evolução Temporal



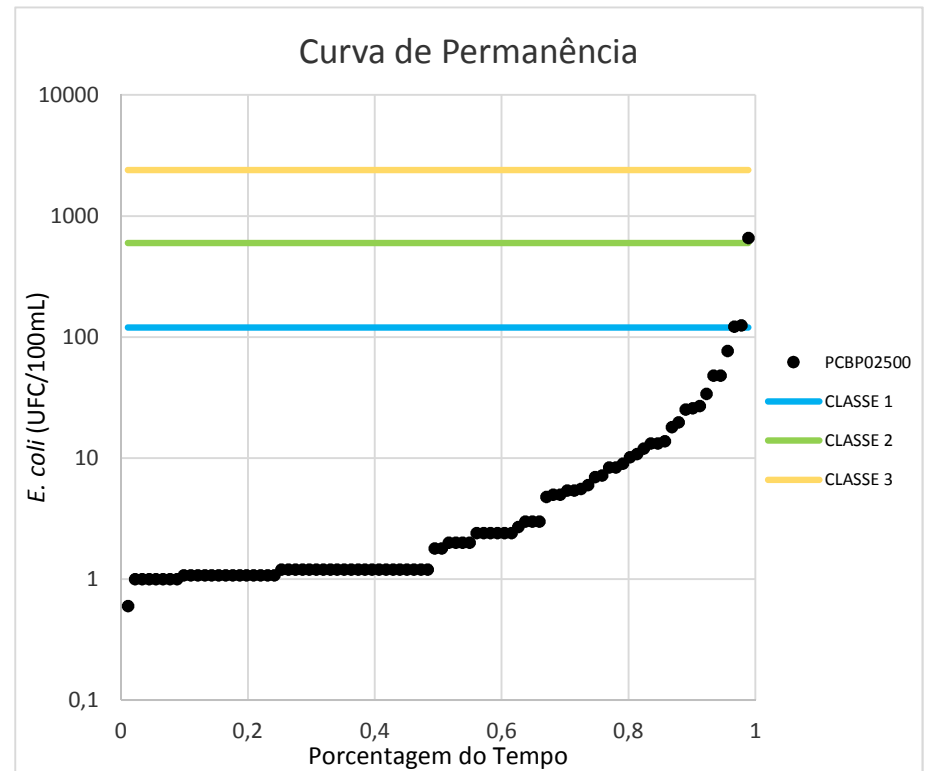
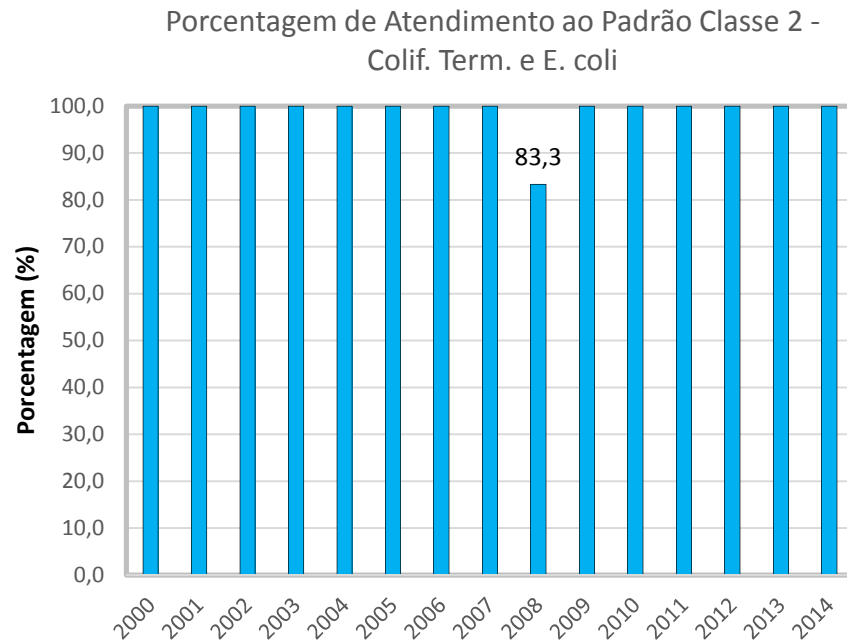
PCBP 02500 – DBO (mg/L)



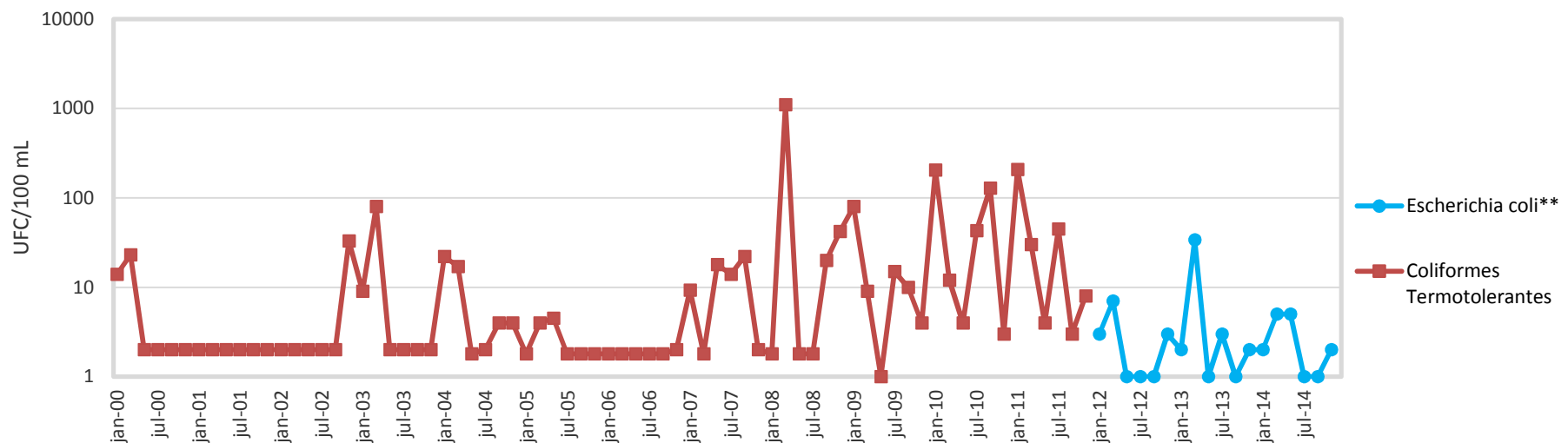
Evolução Temporal



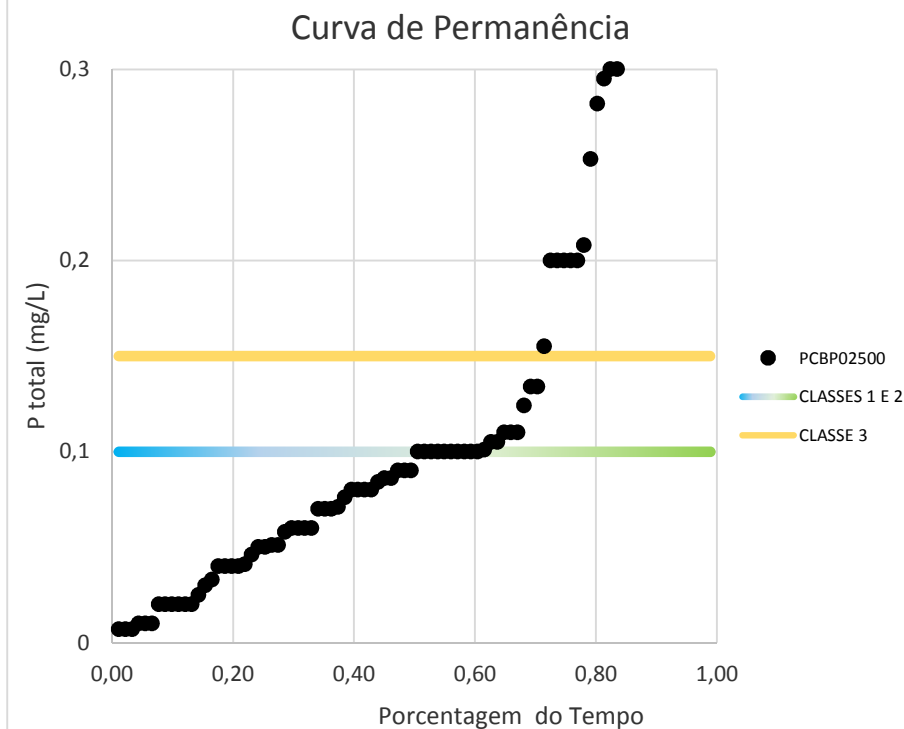
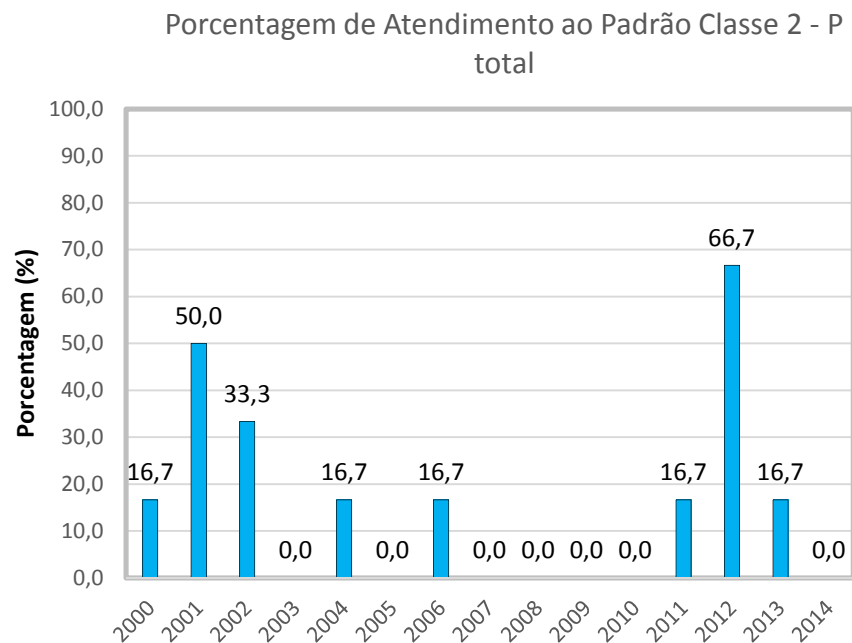
PCBP 02500 – *Escherichia coli* (UFC/100mL)



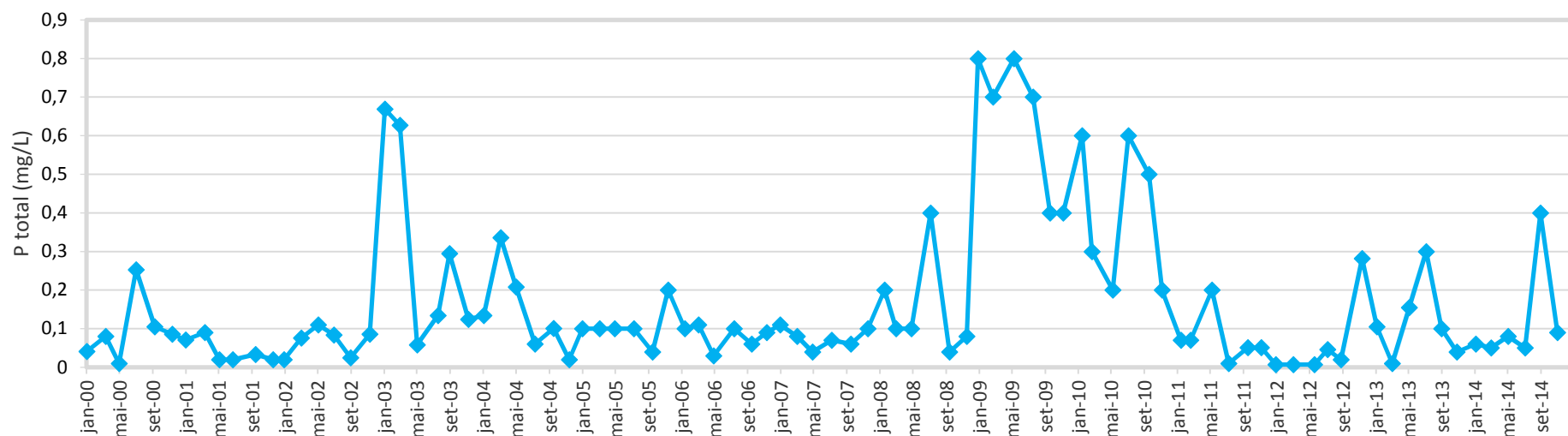
Evolução Temporal



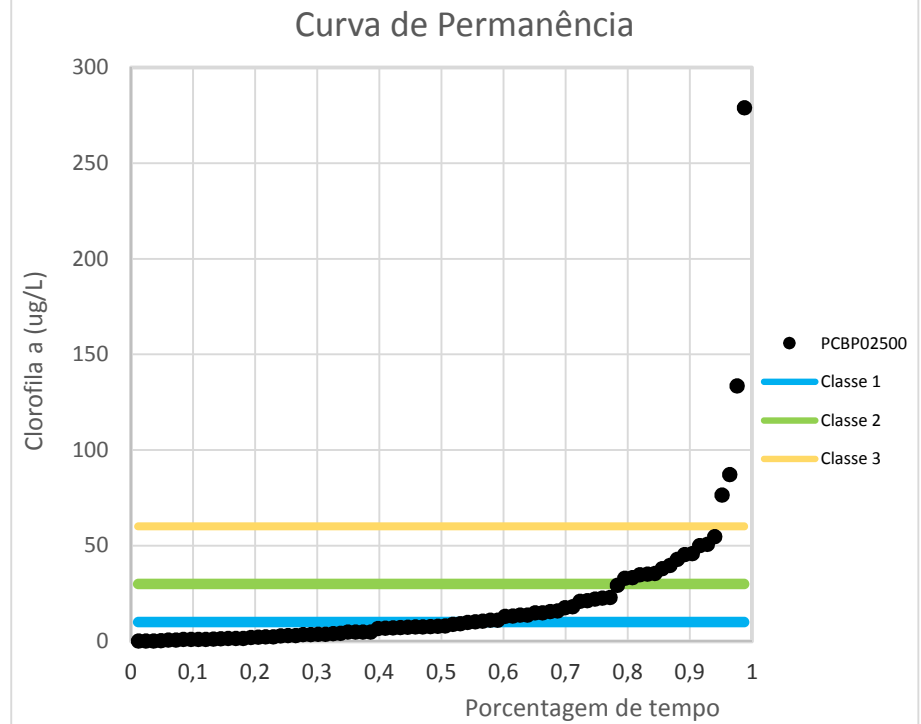
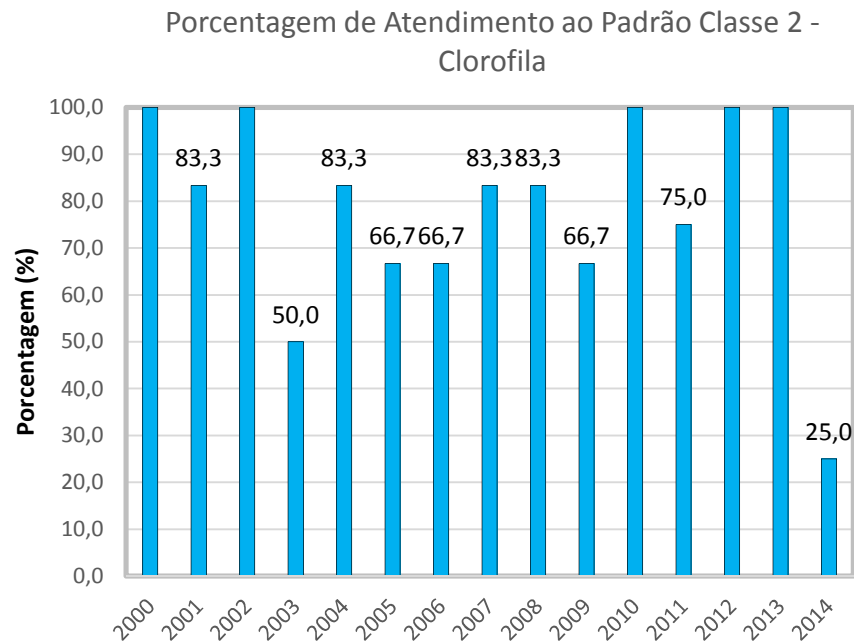
PCBP 02500 – Fósforo Total (mg/L)



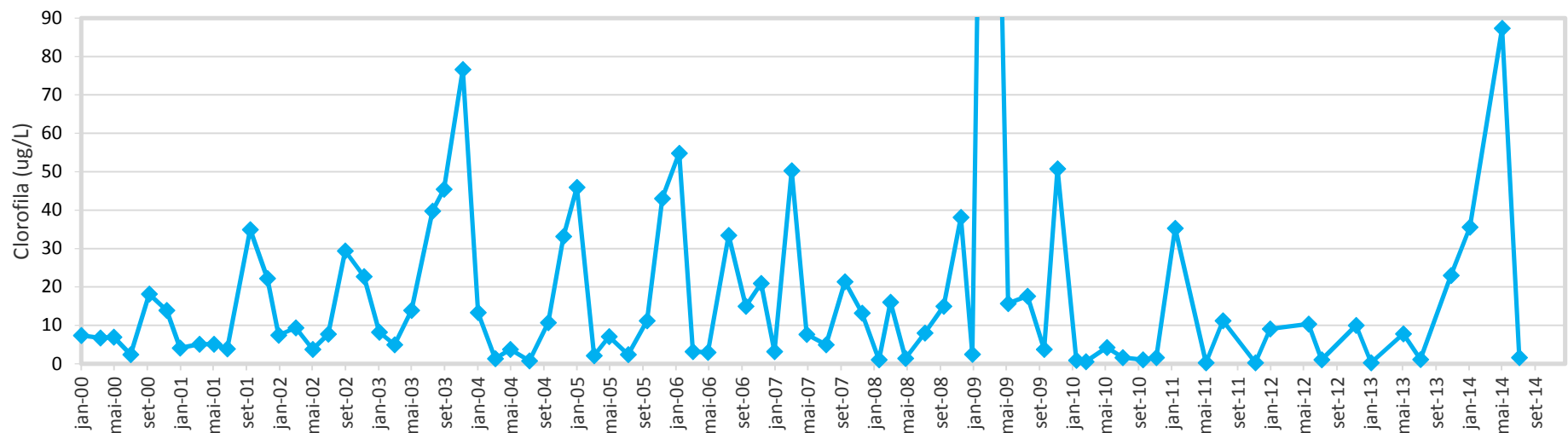
Evolução Temporal



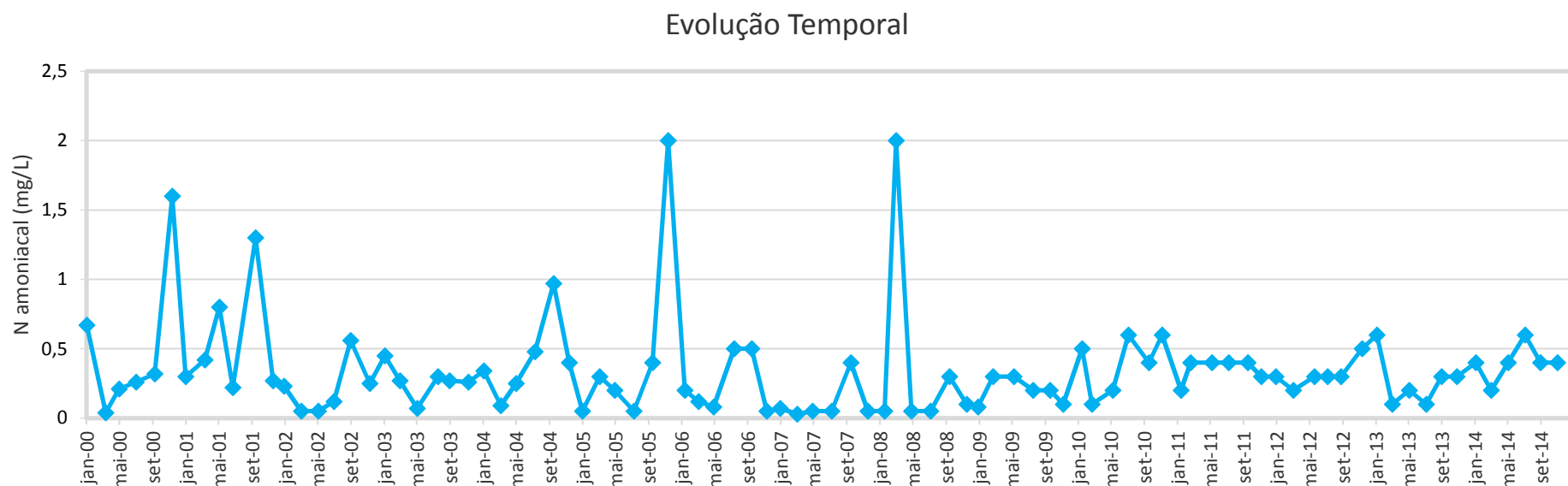
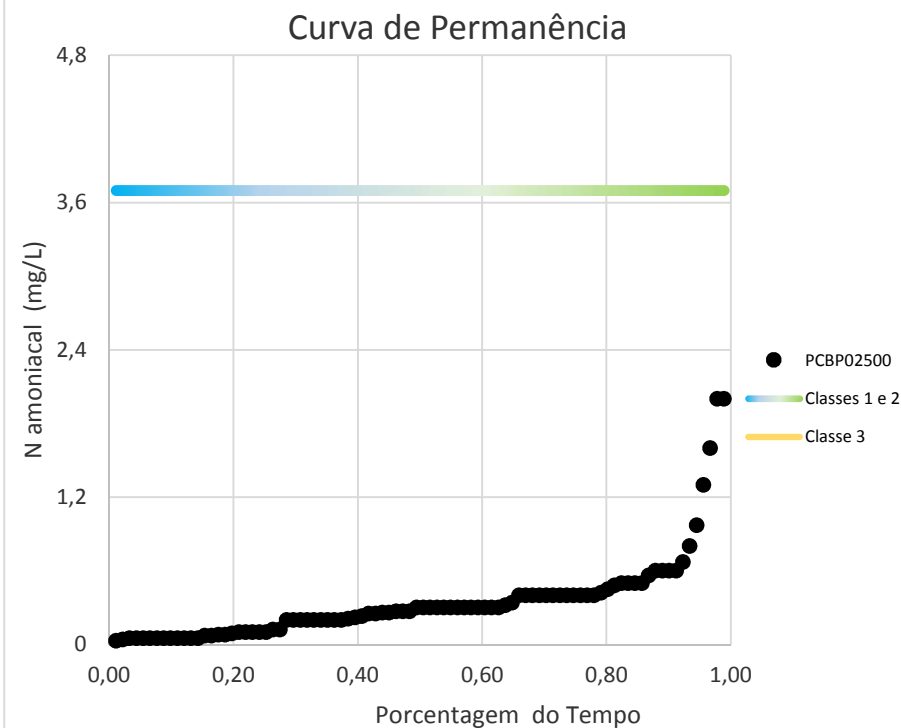
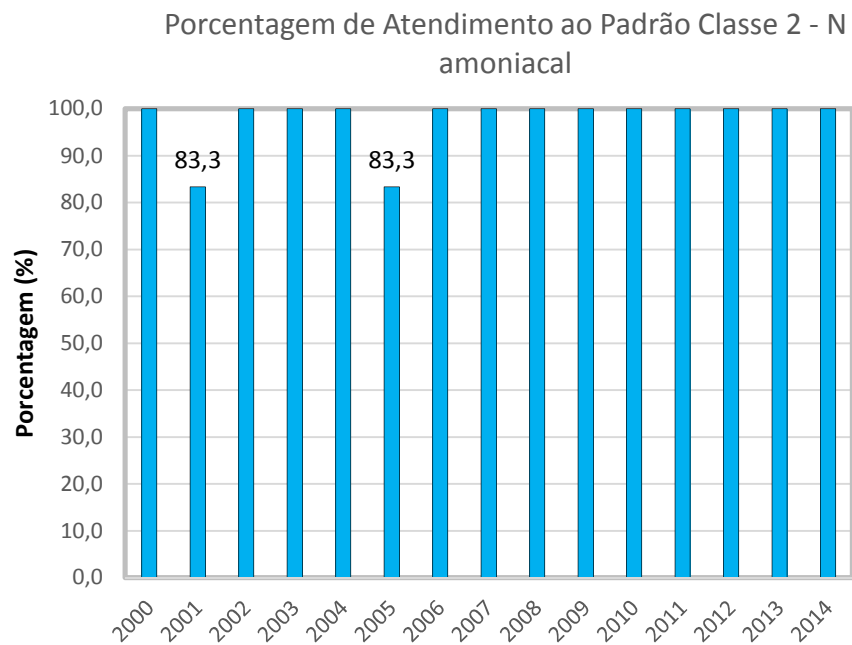
PCBP 02500 – Clorofila a ($\mu\text{g/L}$)



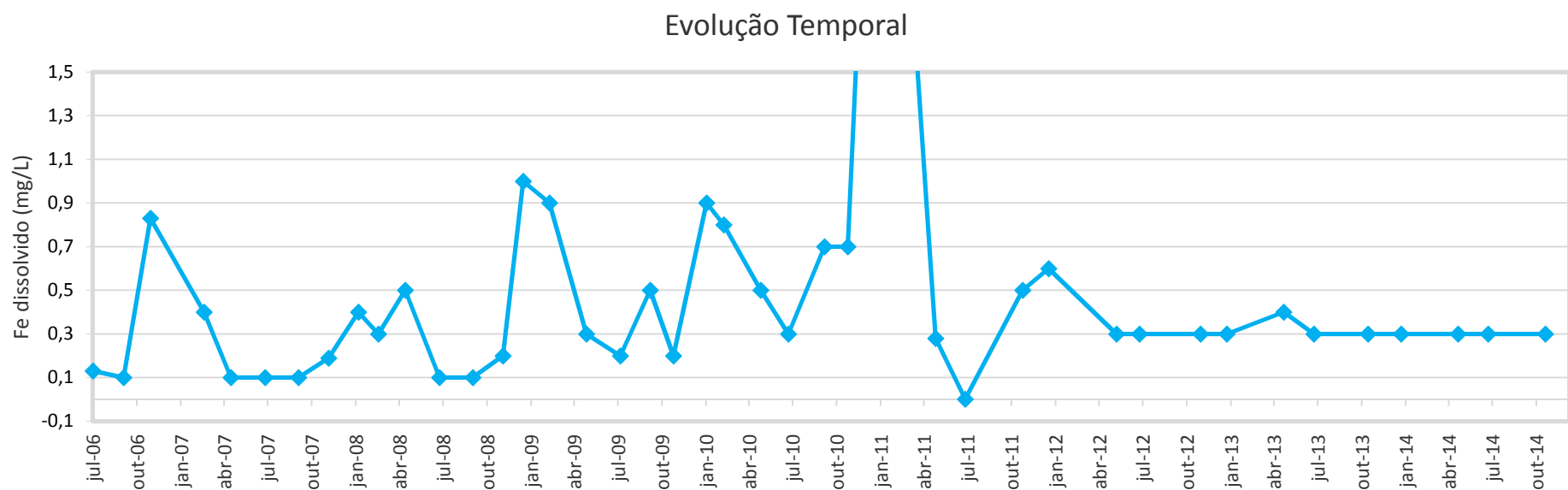
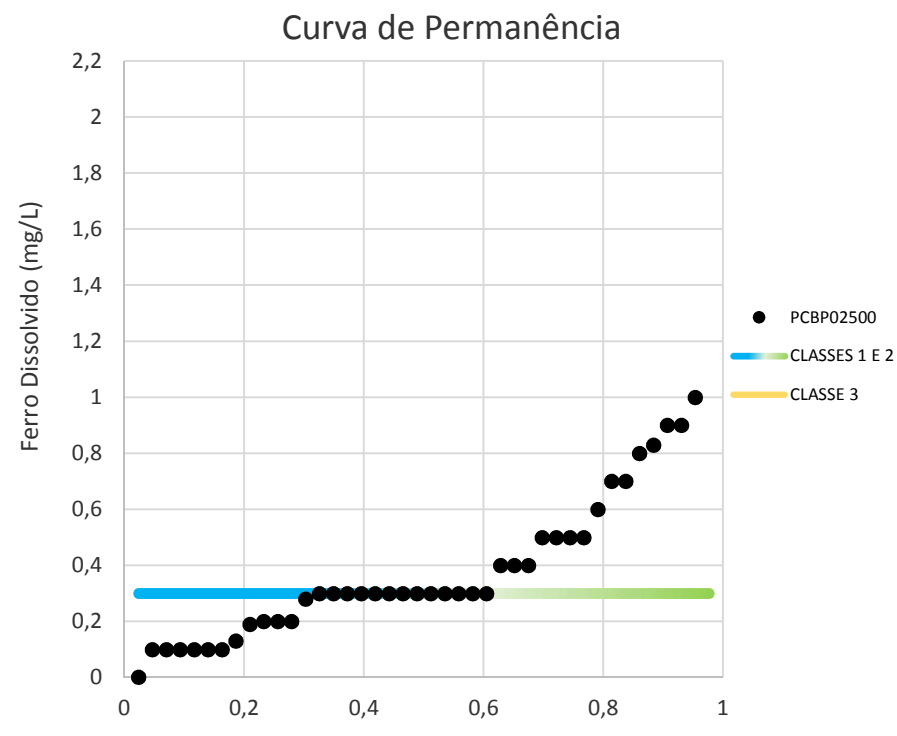
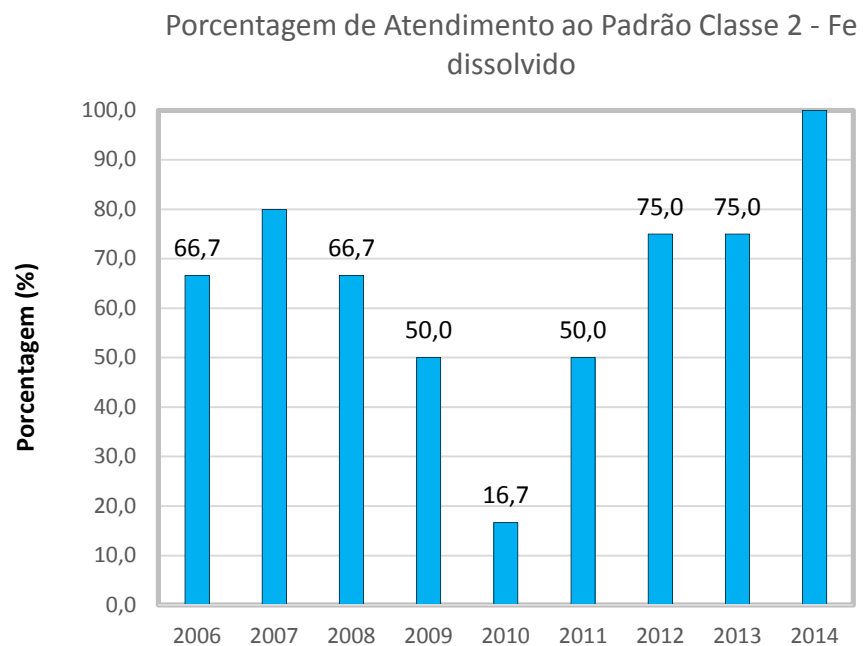
Evolução Temporal



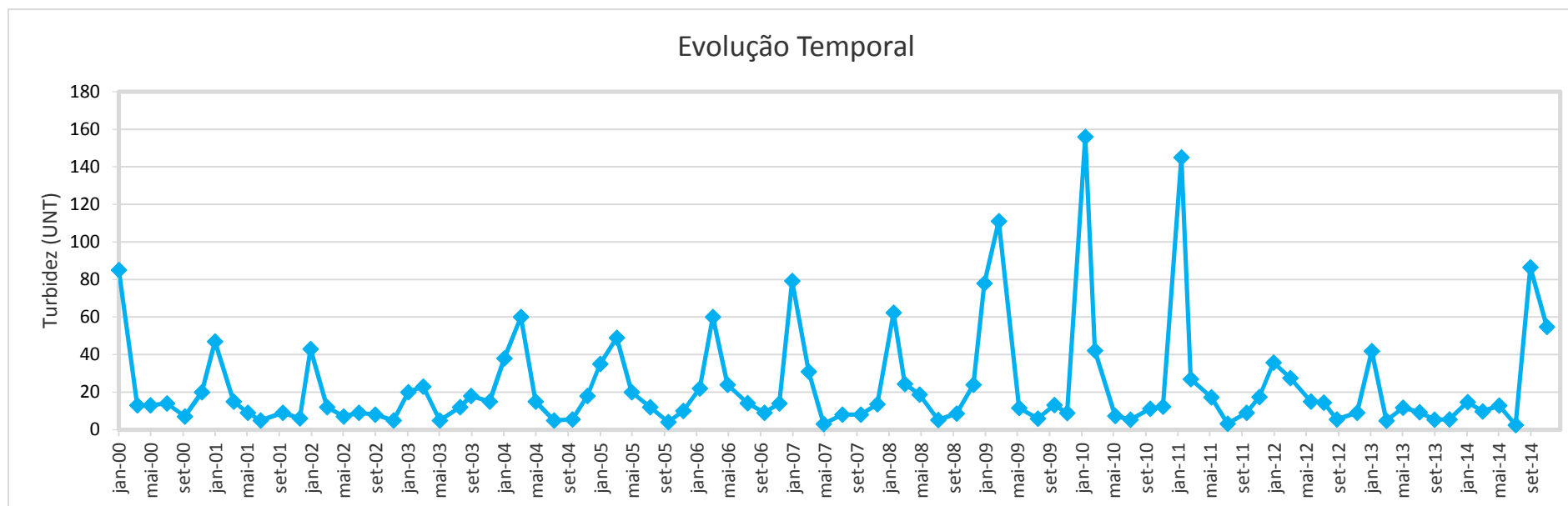
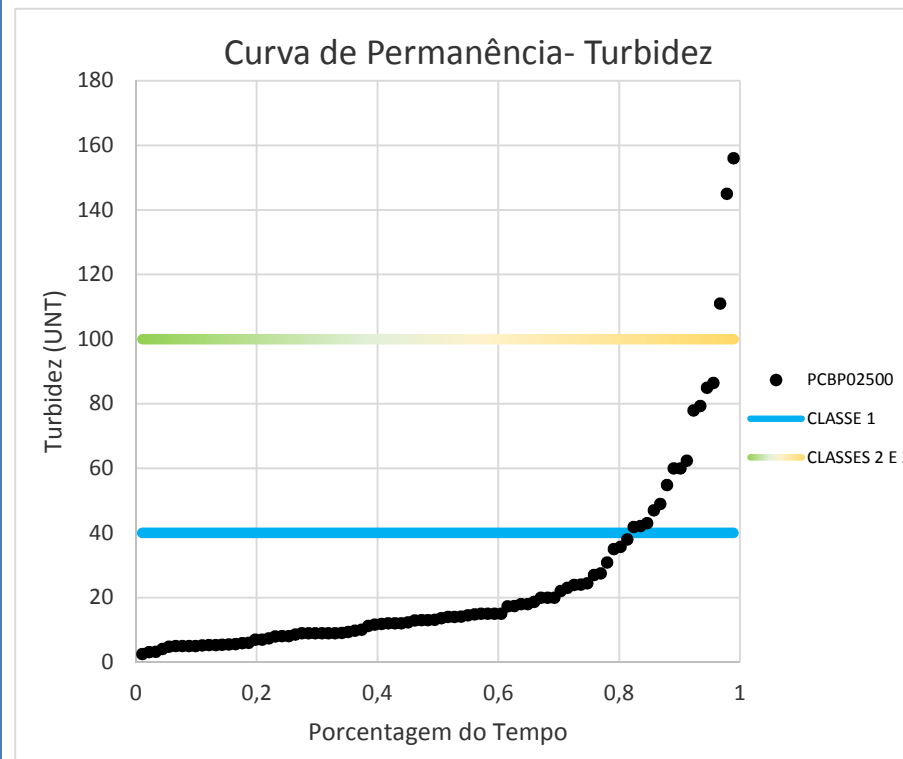
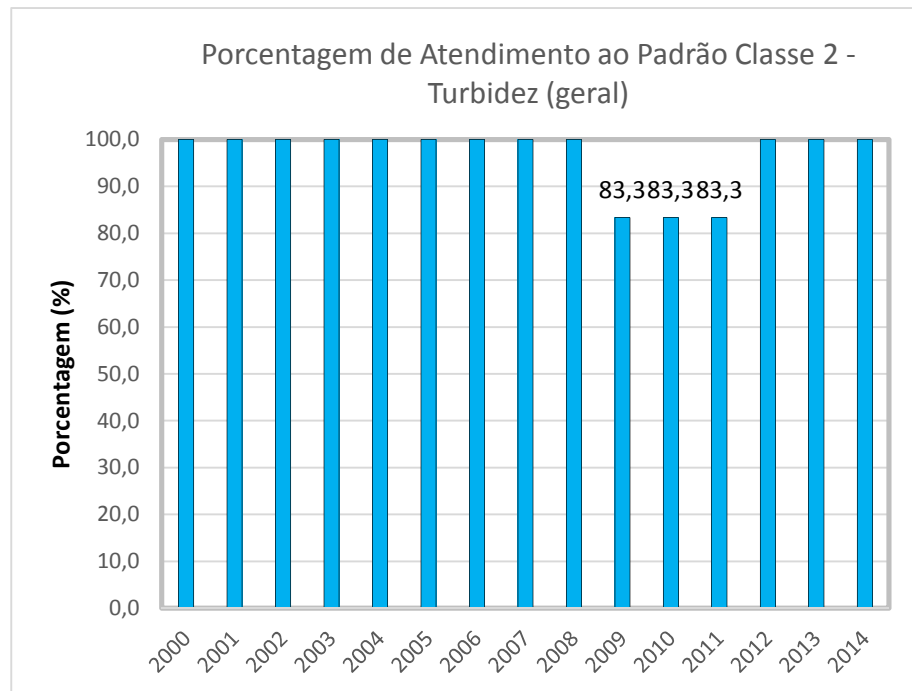
PCBP 02500 – Nitrogênio Amoniacal (mg/L)



PCBP 02500 – Ferro Dissolvido (mg/L)

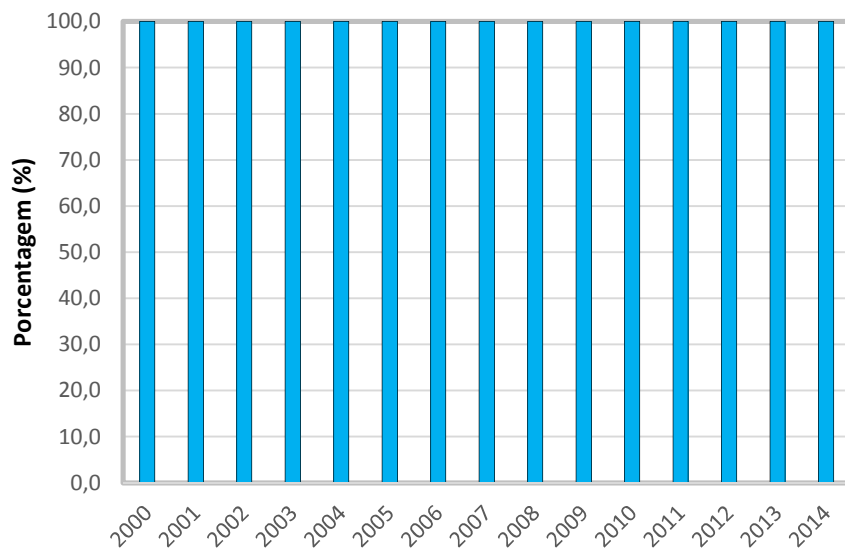


PCBP 02500 – Turbidez (UNT)

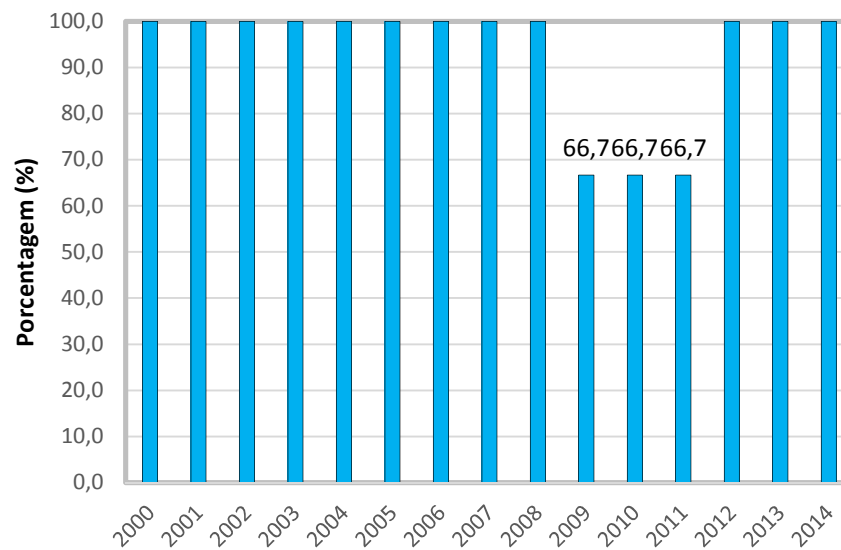


PCBP 02500 – Turbidez (Período Seco x Período Chuvoso)

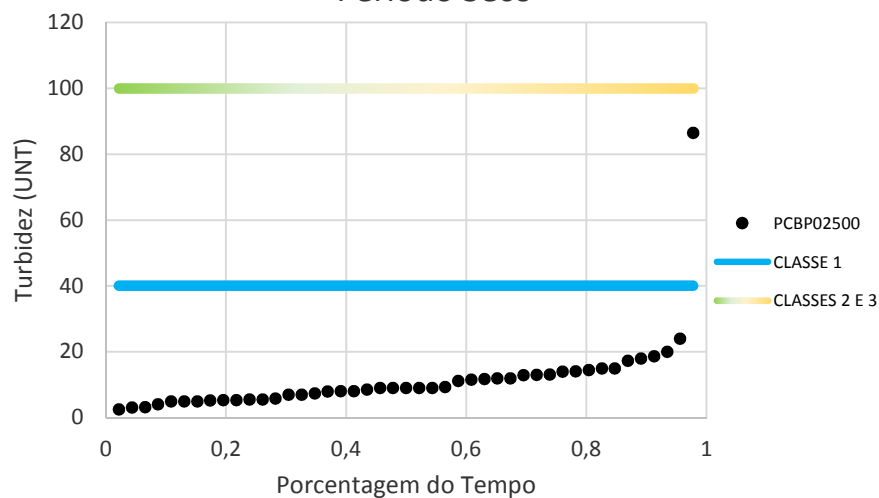
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



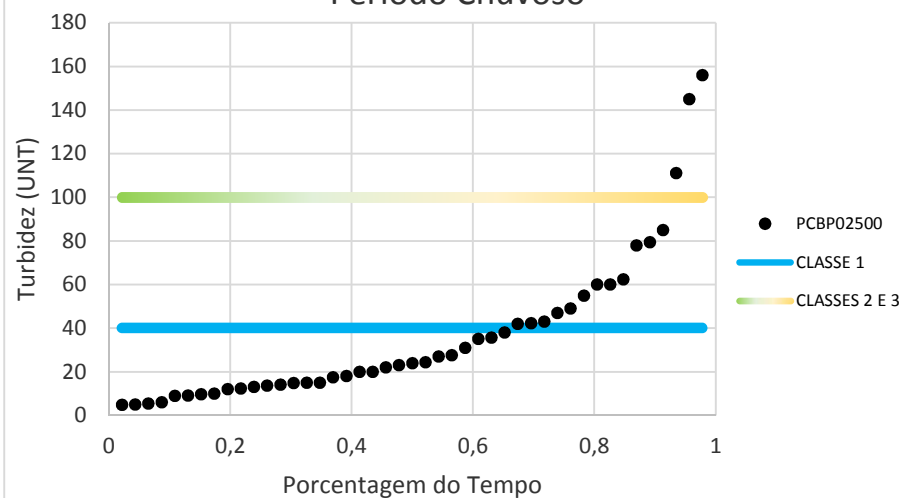
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



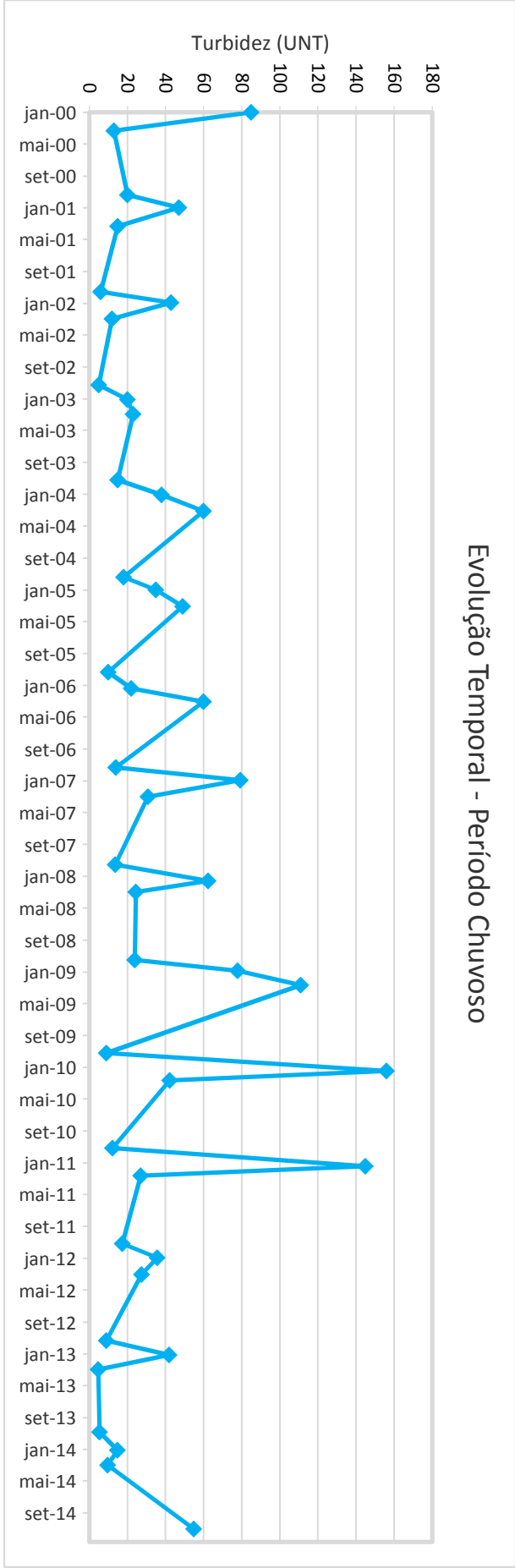
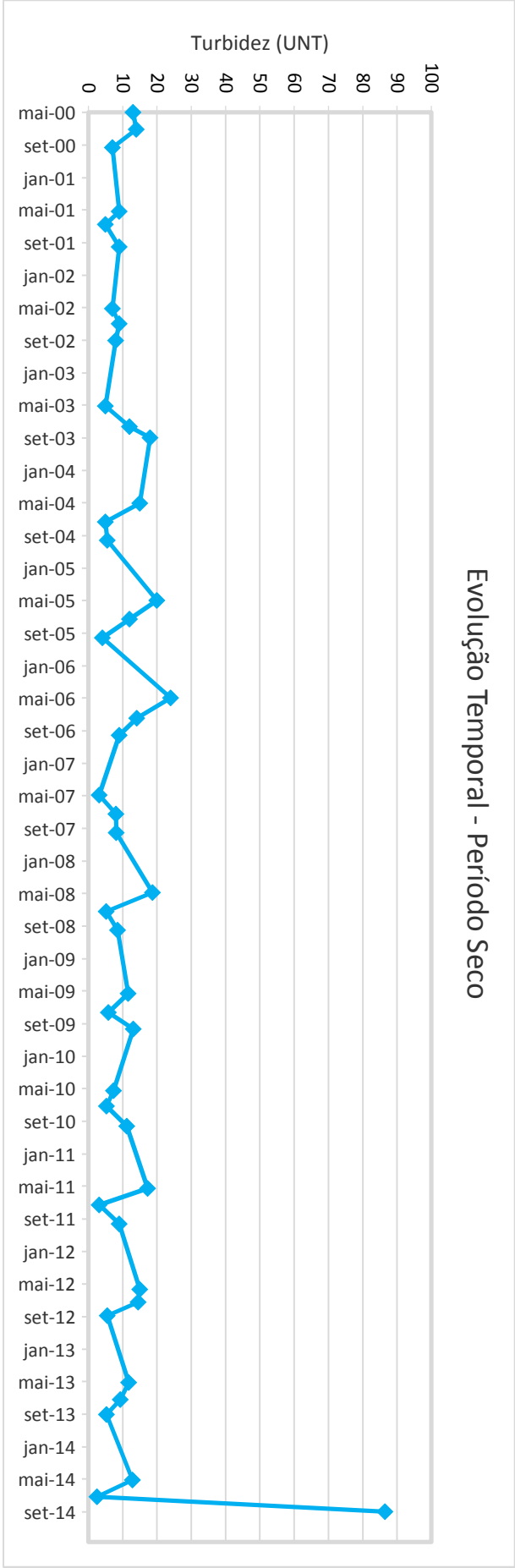
Curva de Permanência- Turbidez
Período Seco



Curva de Permanência- Turbidez
Período Chuvoso



PCBP 02500 – Turbidez (Período Seco x Período Chuvoso)

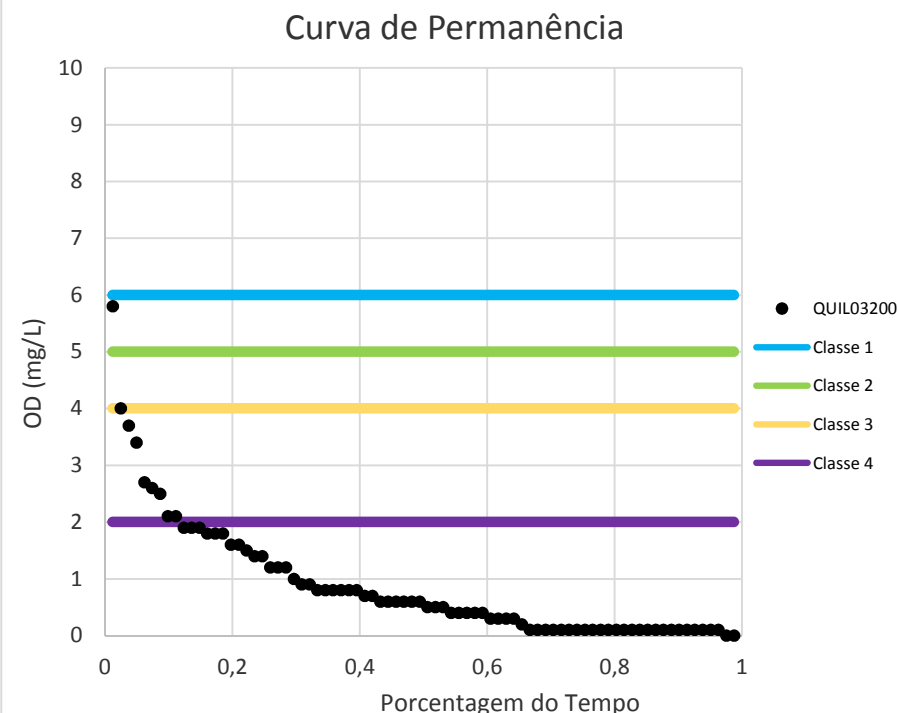
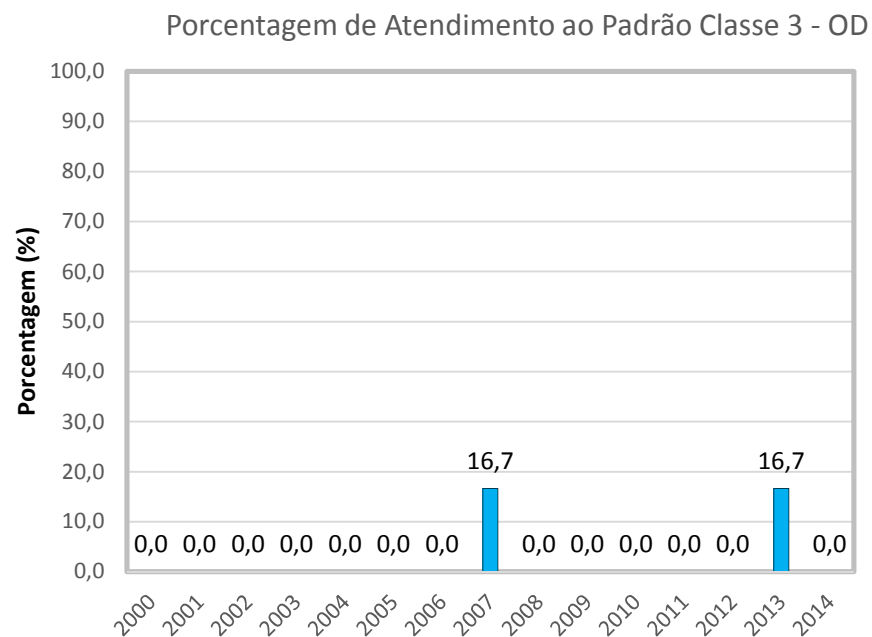


TRIBUTÁRIOS DO RIO PIRACICABA

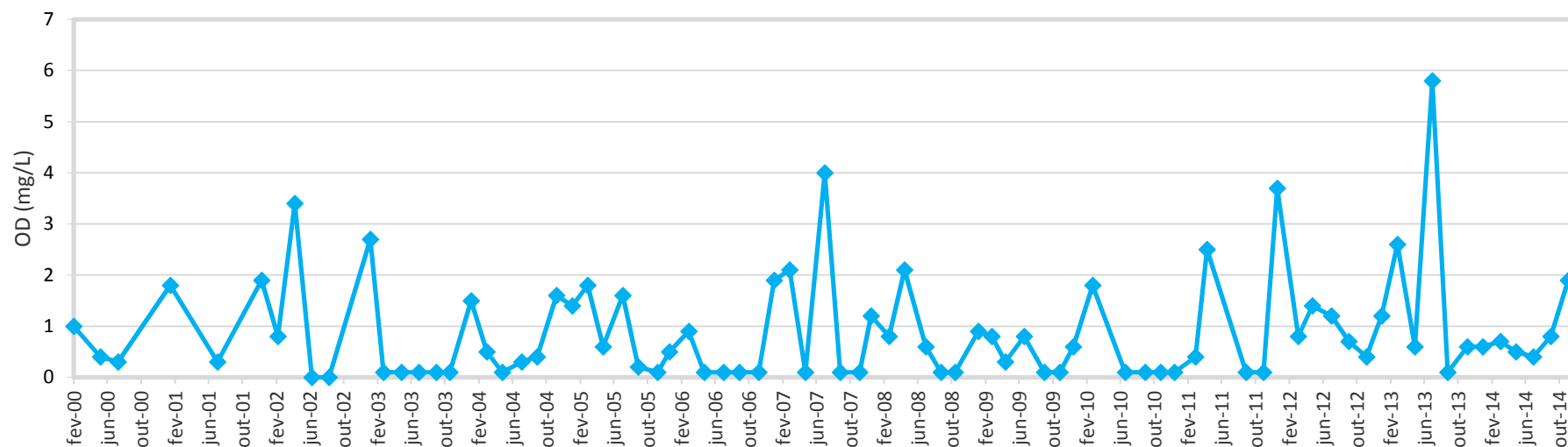
Ribeirão Quilombo

QUIL 03200

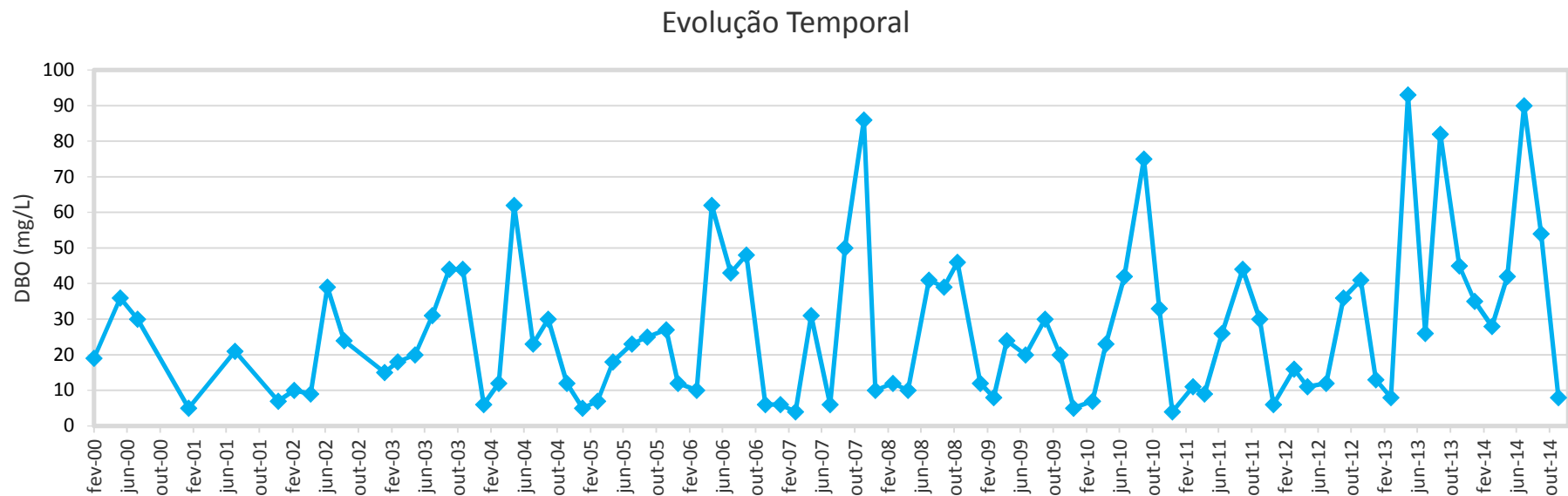
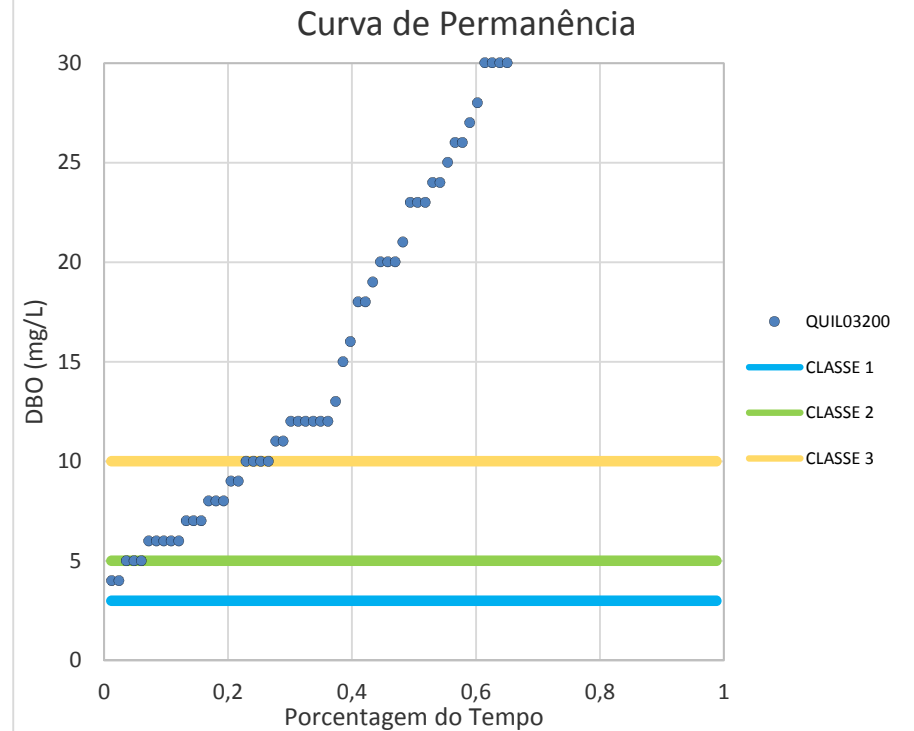
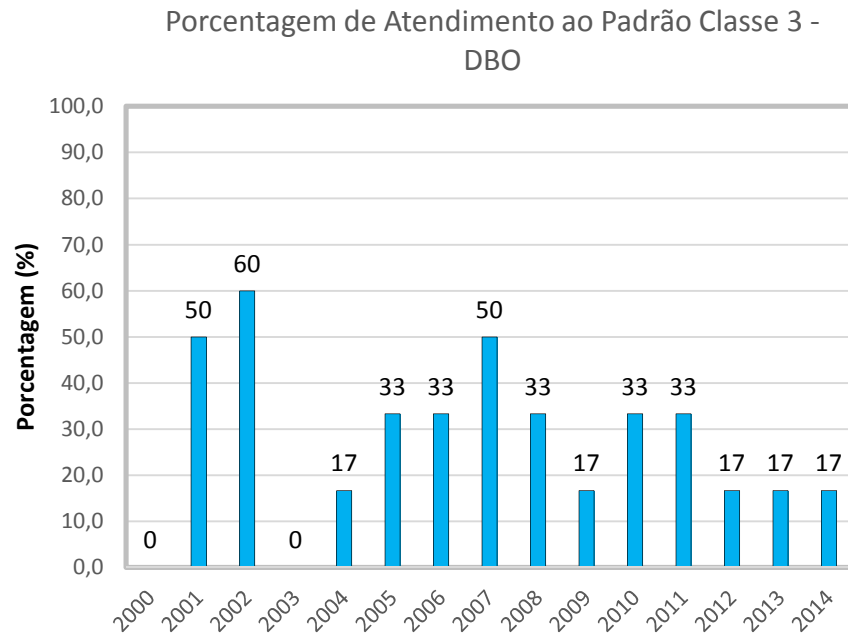
QUIL 03200 – Oxigênio Dissolvido (mg/L)



Evolução Temporal

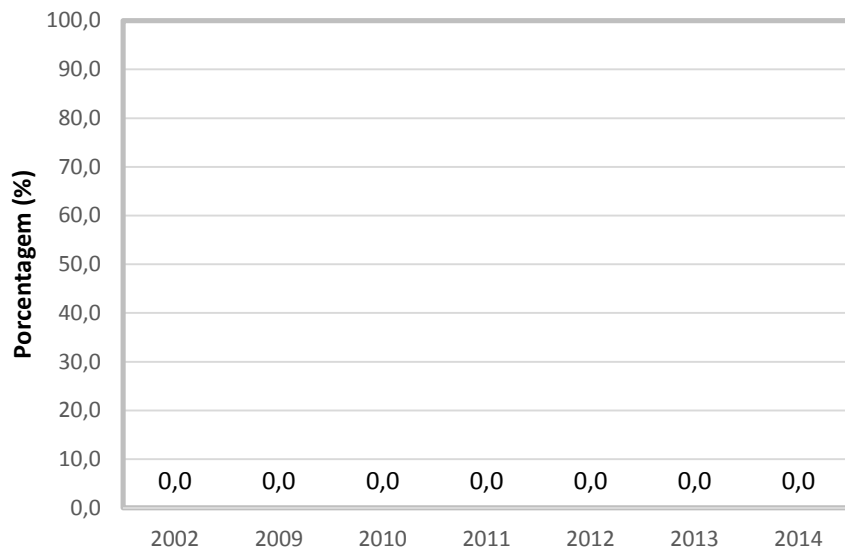


QUIL 03200 – DBO (mg/L)

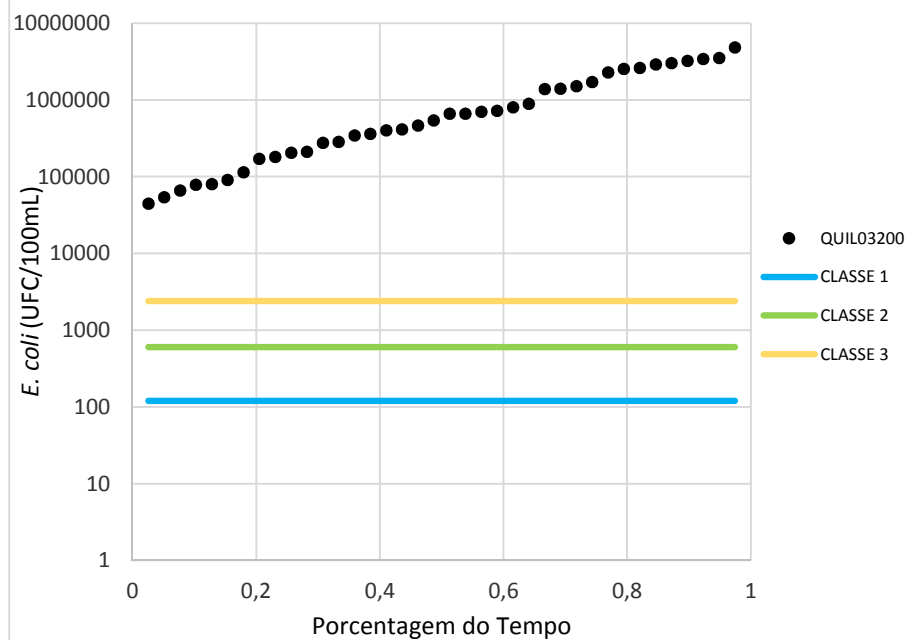


QUIL 03200 – *Escherichia coli* (UFC/100mL)

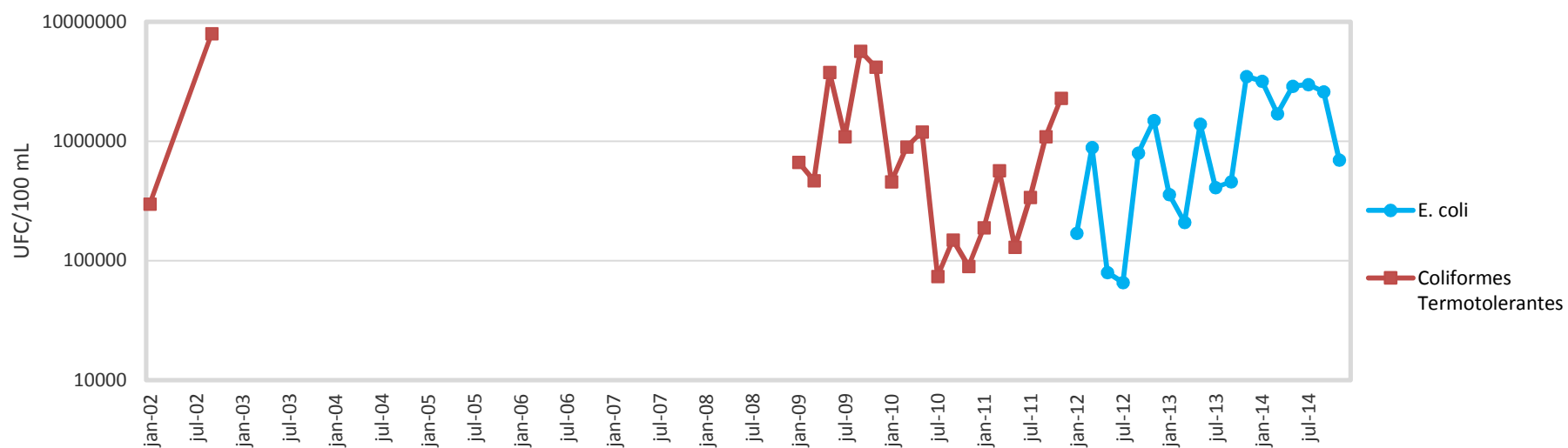
Porcentagem de Atendimento ao Padrão Classe 3 -
Colif. Term. e *E. coli*



Curva de Permanência

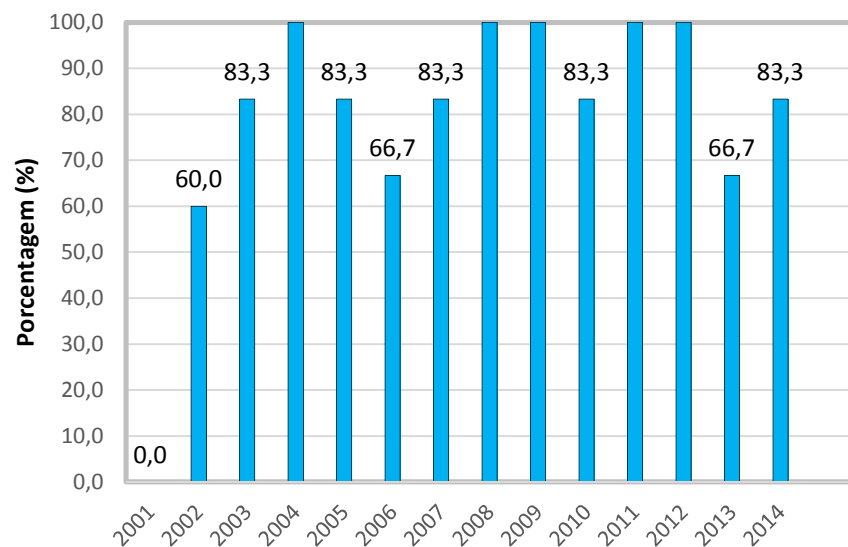


Evolução Temporal

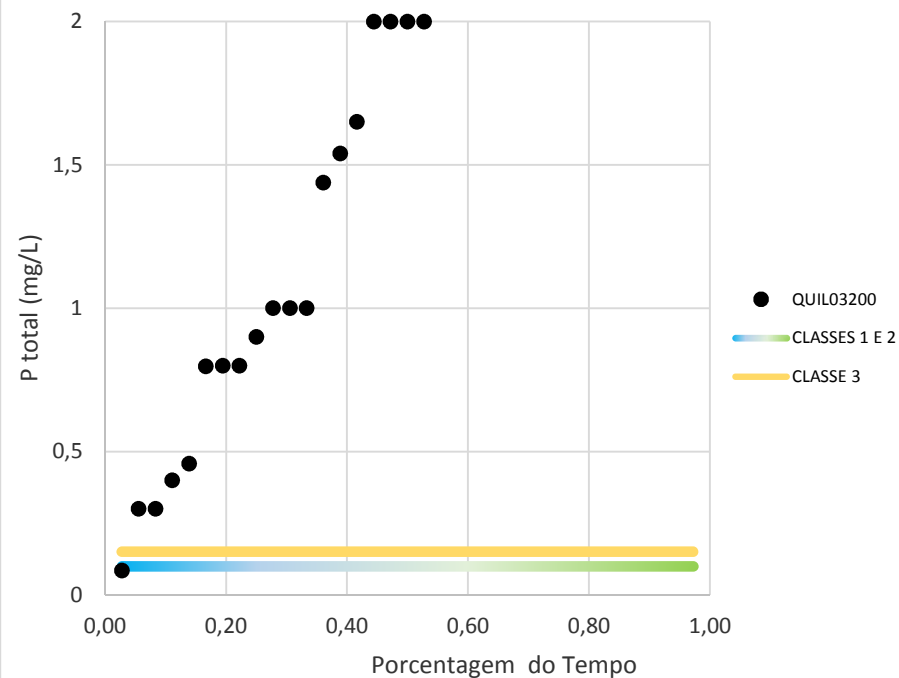


QUIL 03200 – Fósforo Total (mg/L)

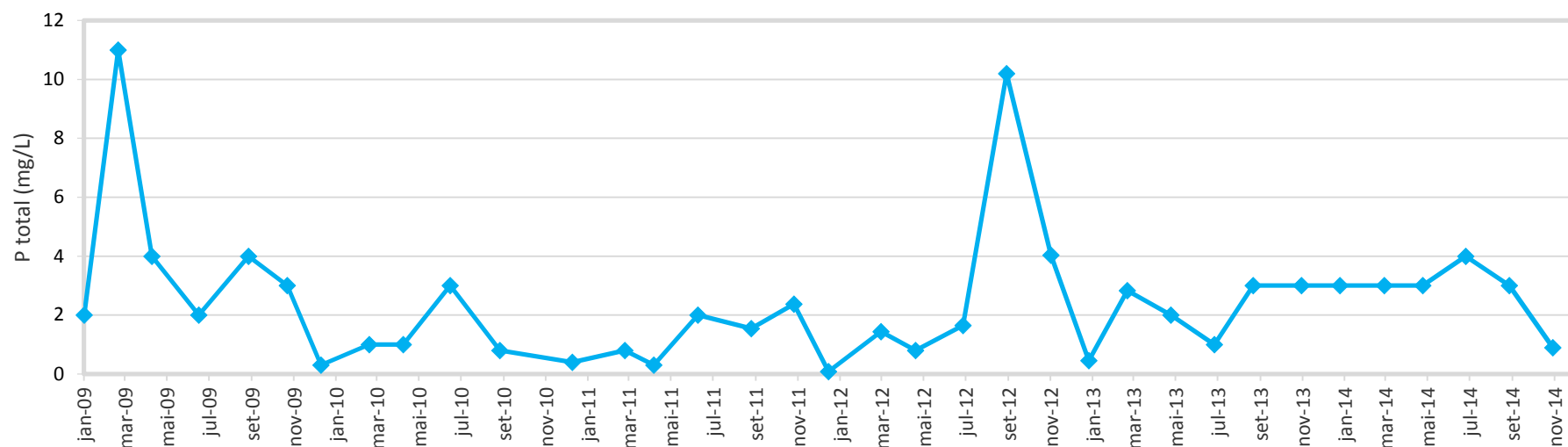
Porcentagem de Atendimento ao Padrão Classe 3 - P total



Curva de Permanência



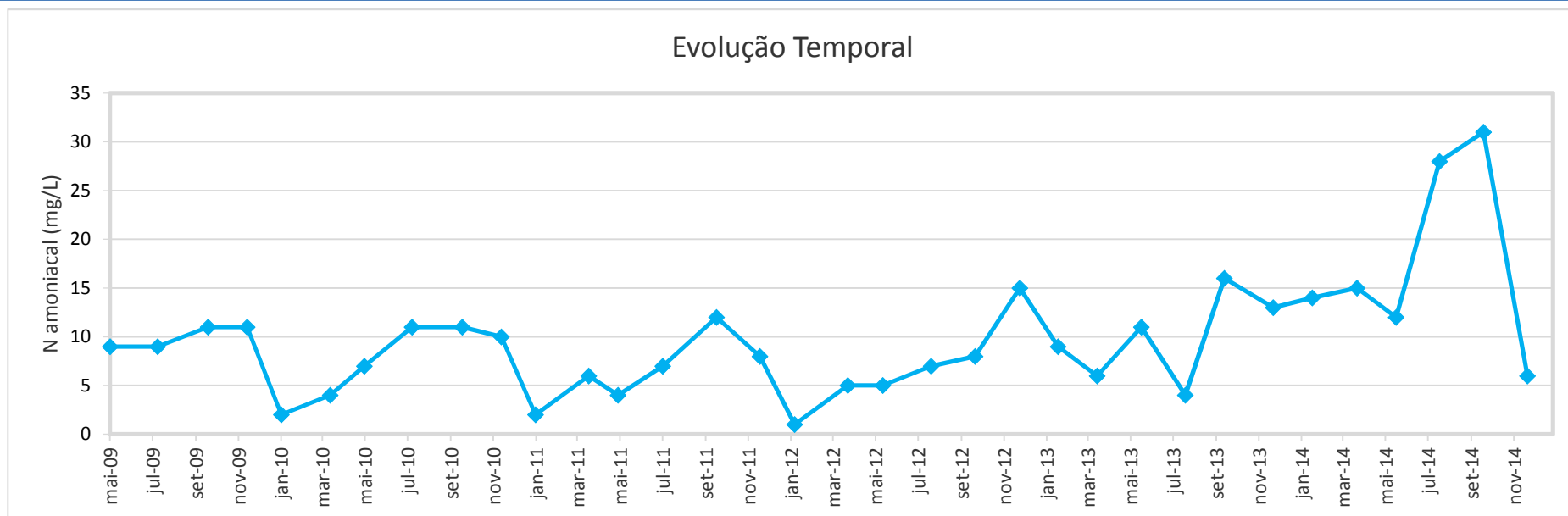
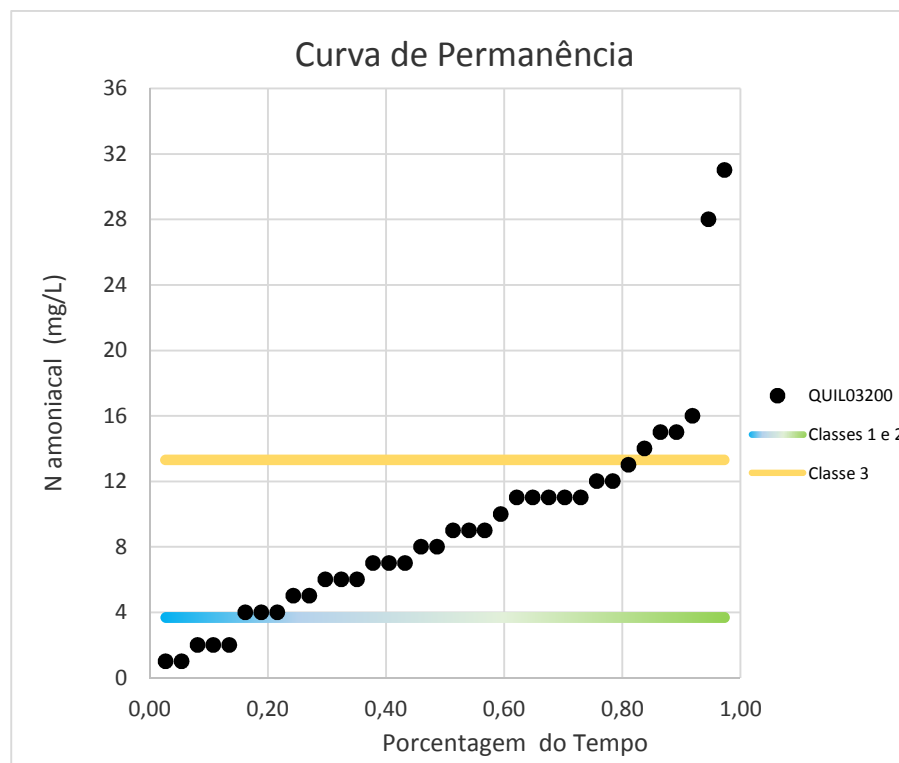
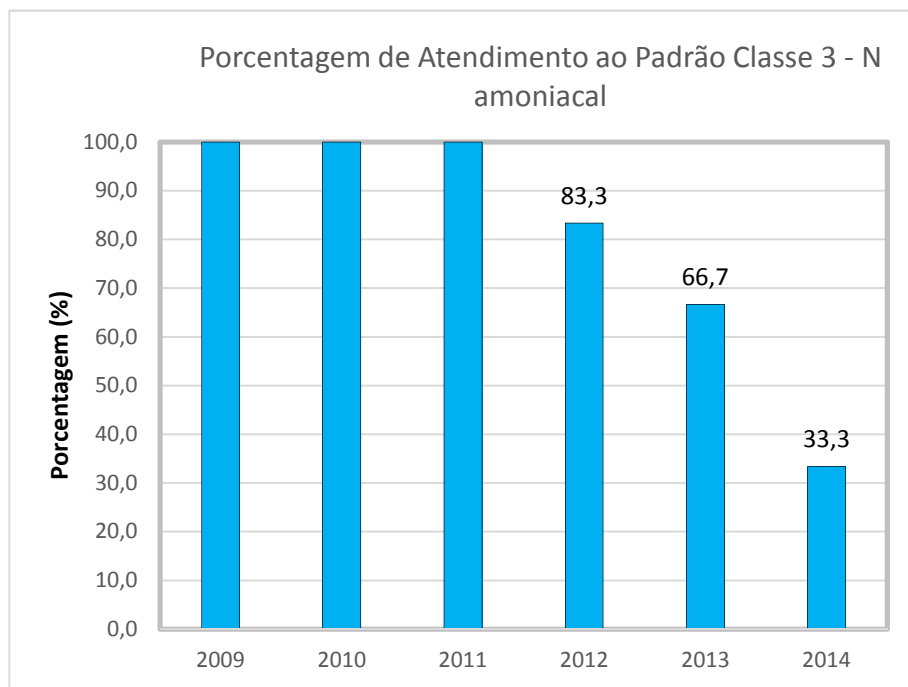
Evolução Temporal



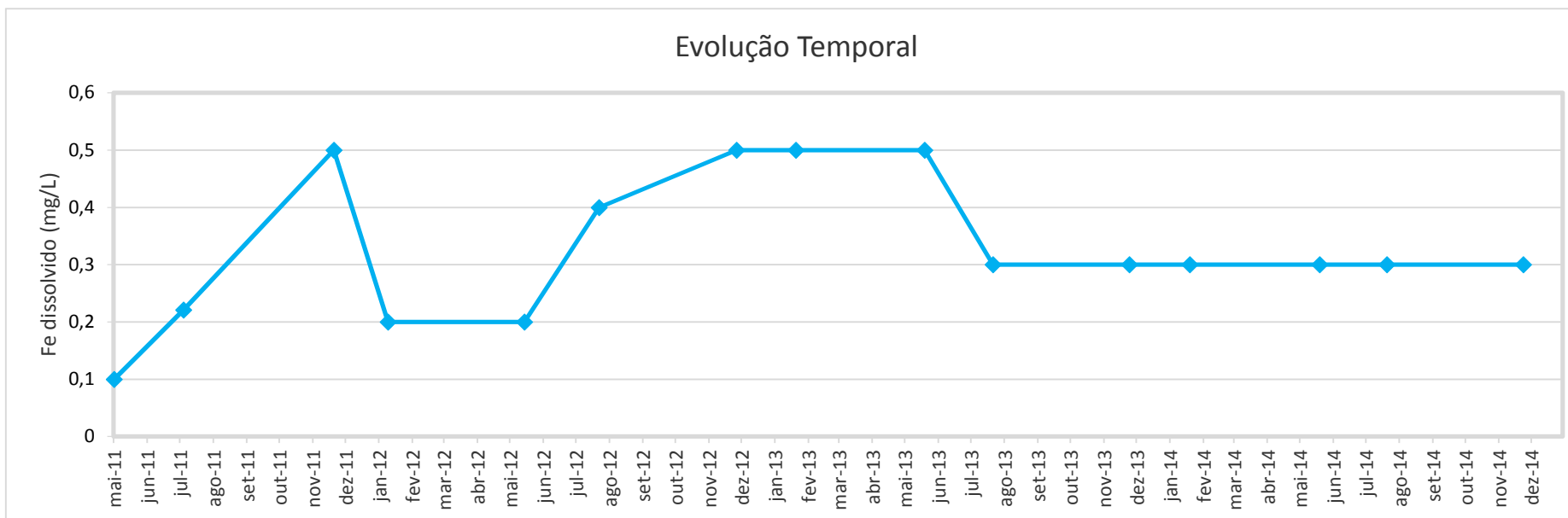
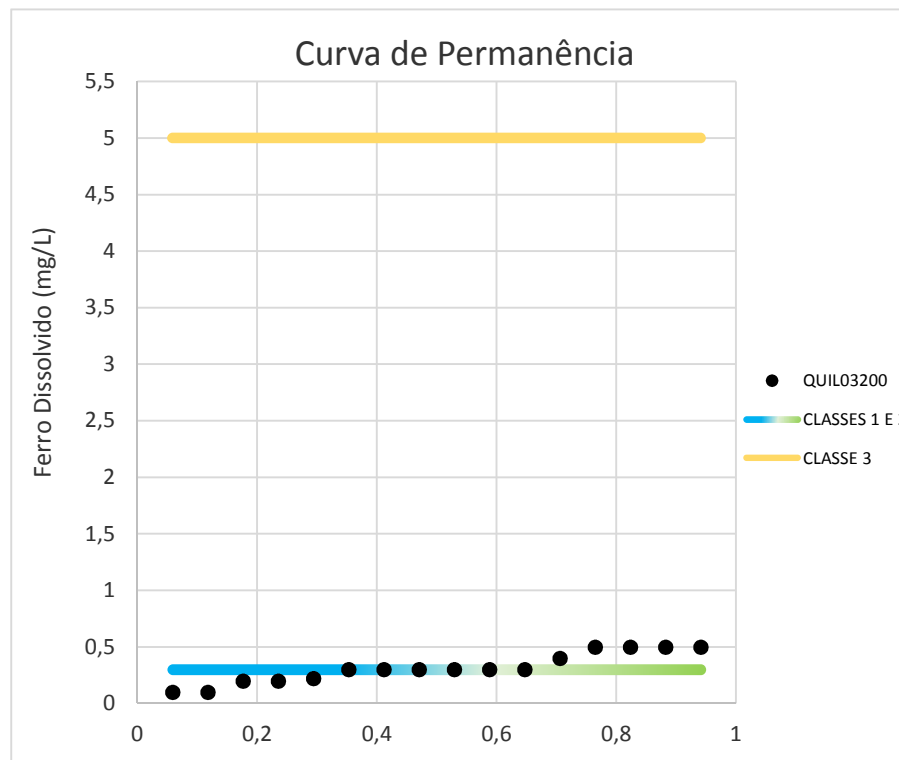
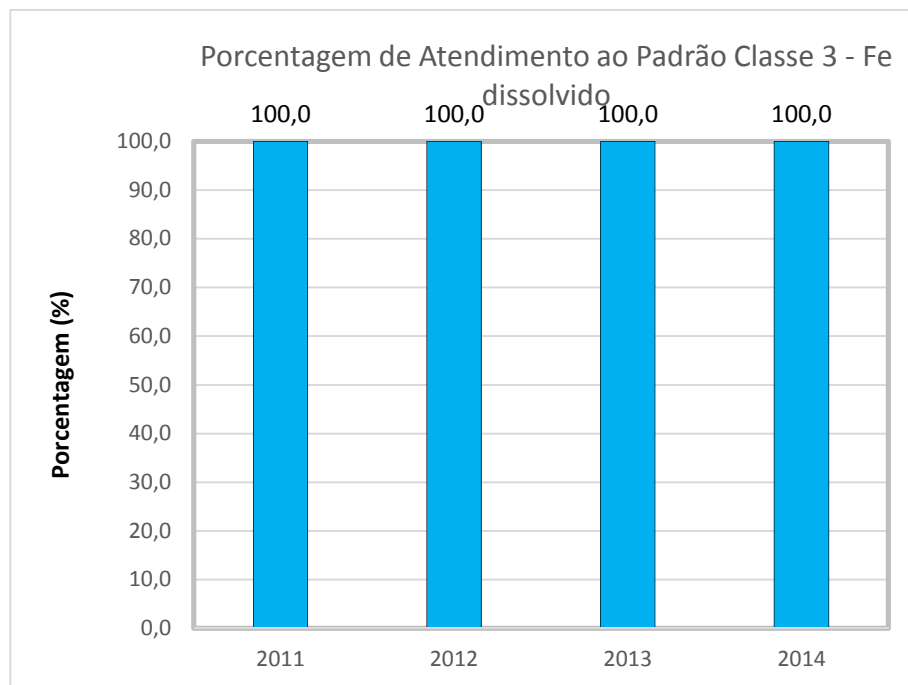
QUIL 03200 – Clorofila a ($\mu\text{g/L}$)

Variável não monitorada

QUIL 03200 – Nitrogênio Amoniacal (mg/L)

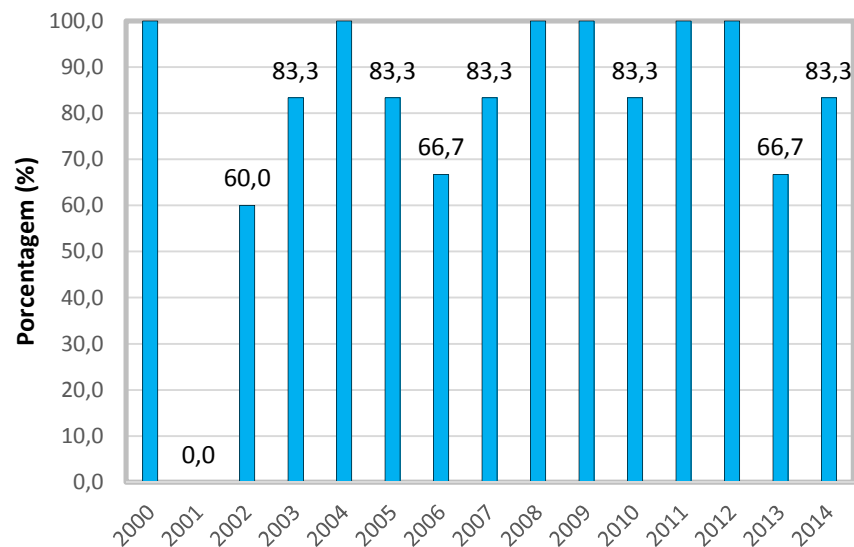


QUIL 03200 – Ferro Dissolvido (mg/L)

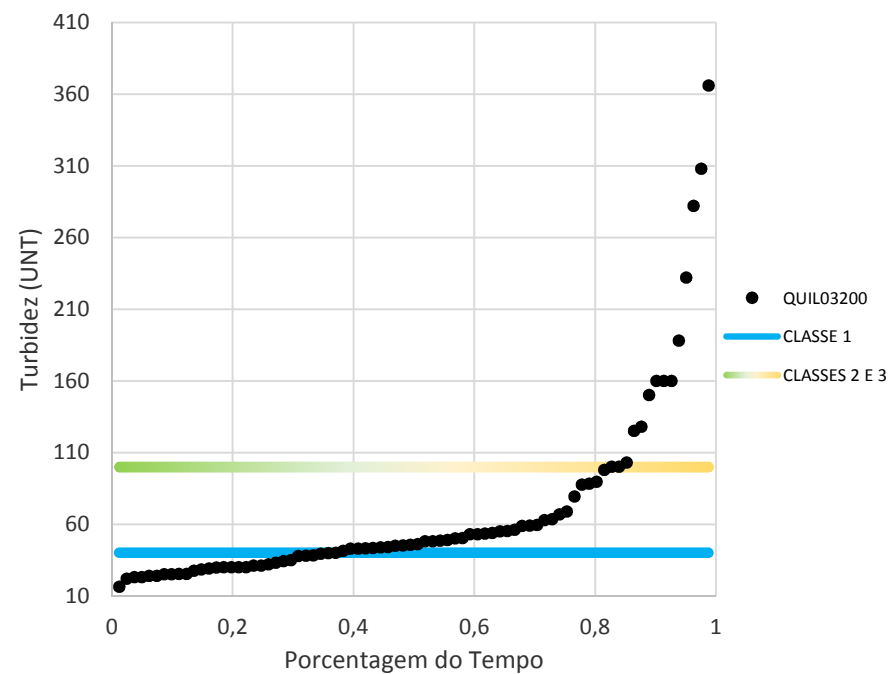


QUIL 03200 – Turbidez (UNT)

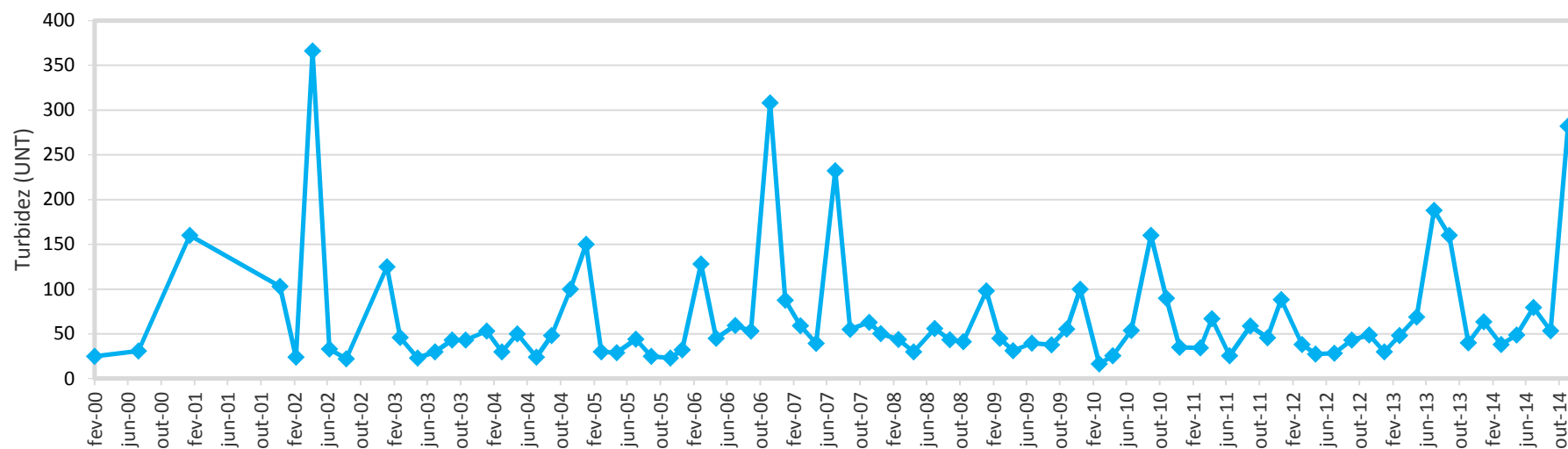
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (geral)



Curva de Permanência- Turbidez

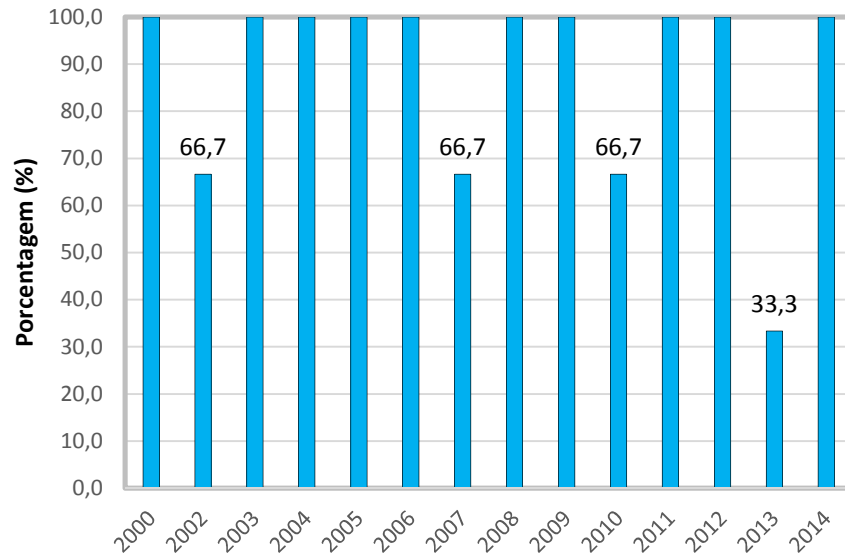


Evolução Temporal

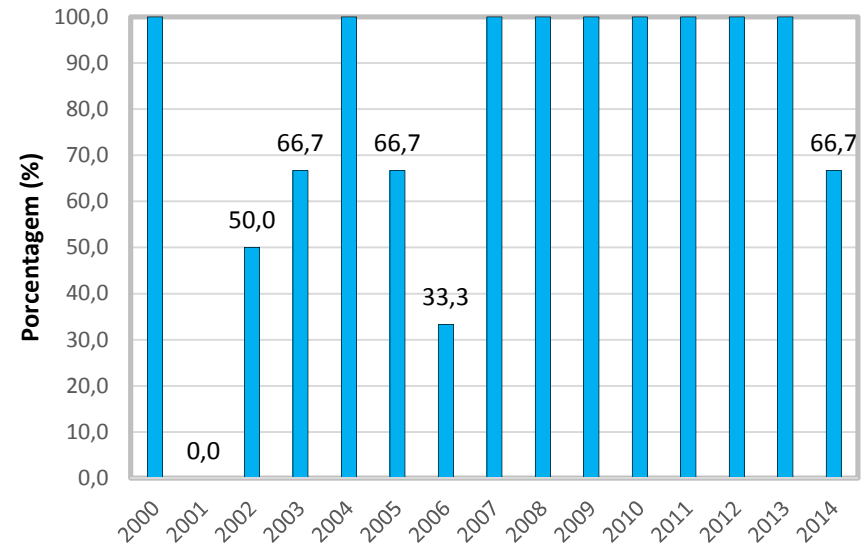


QUIL 03200 – Turbidez (Período Seco x Período Chuvoso)

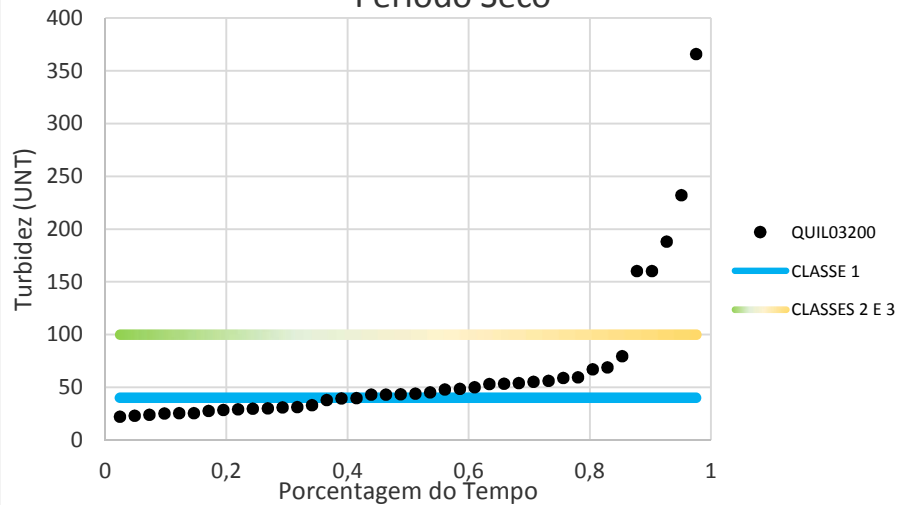
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (seco)



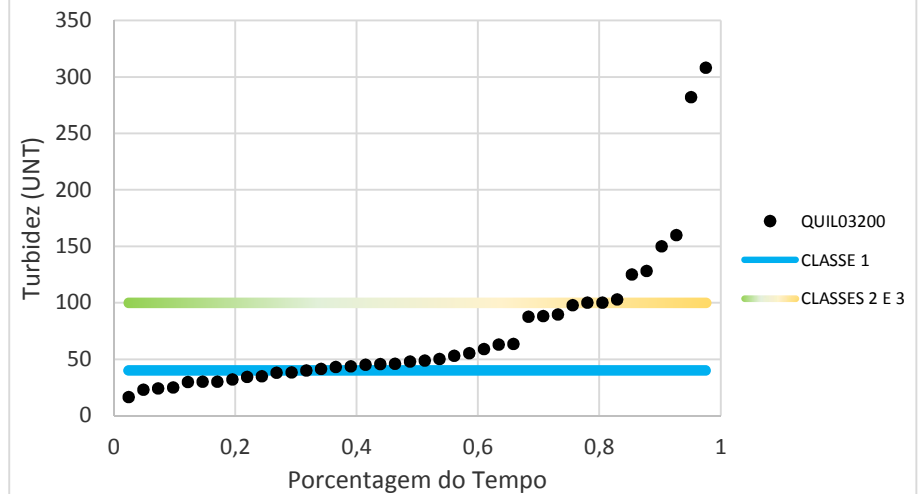
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

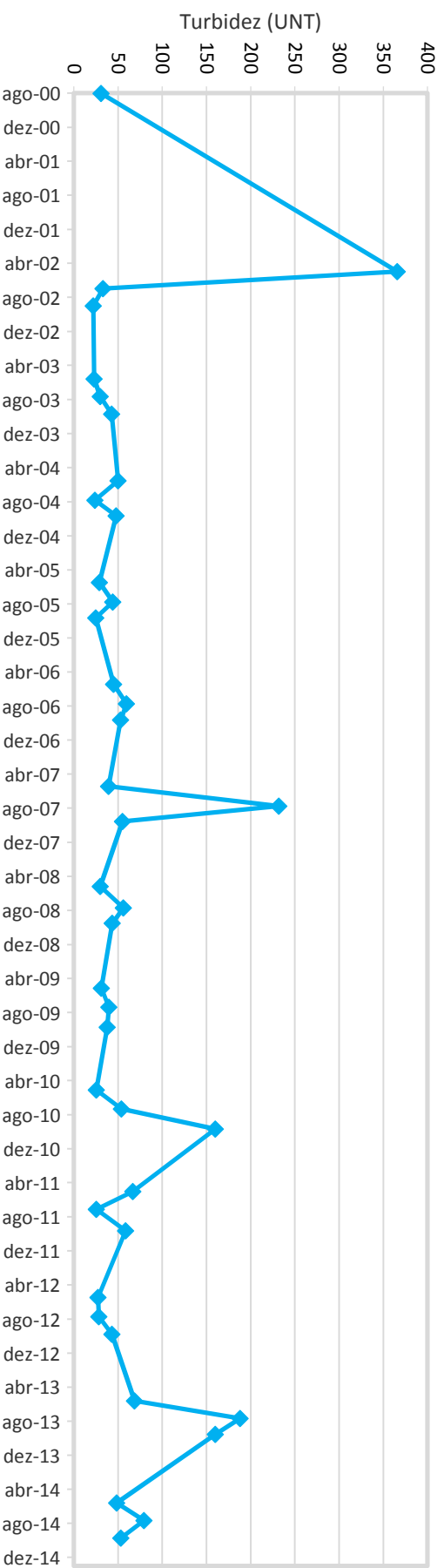


Curva de Permanência- Turbidez
Período Chuvoso

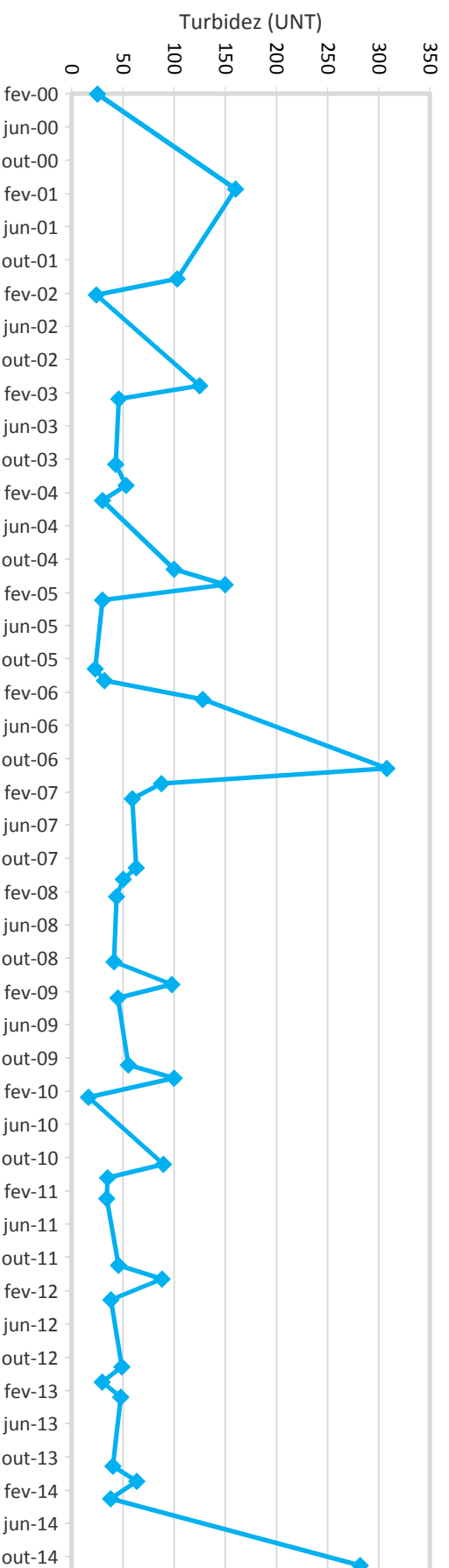


QUIL 03200 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

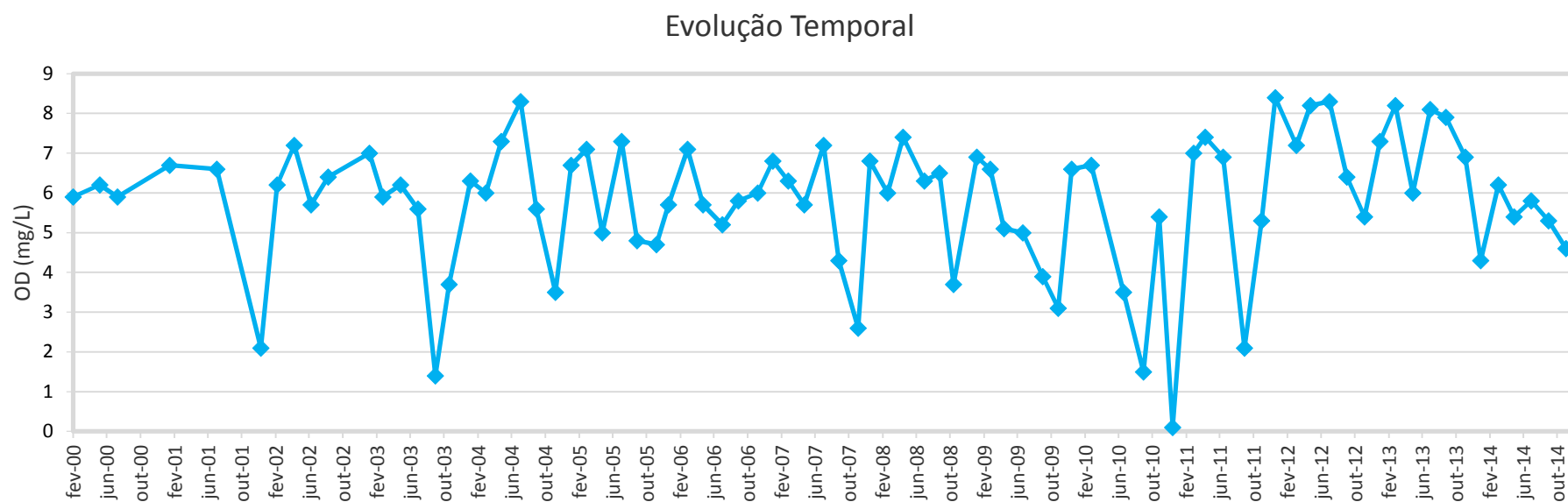
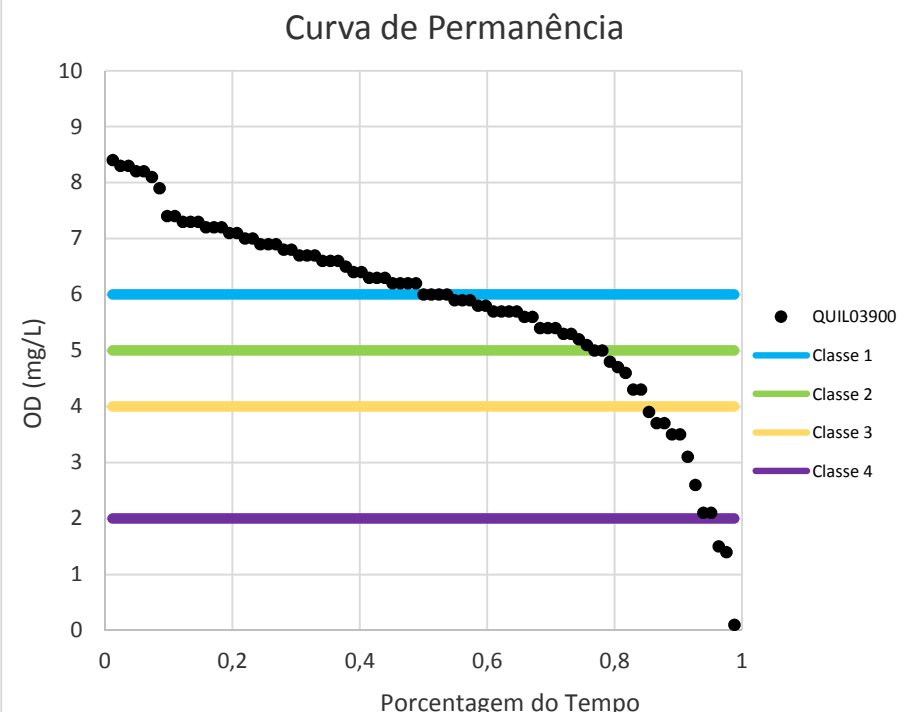
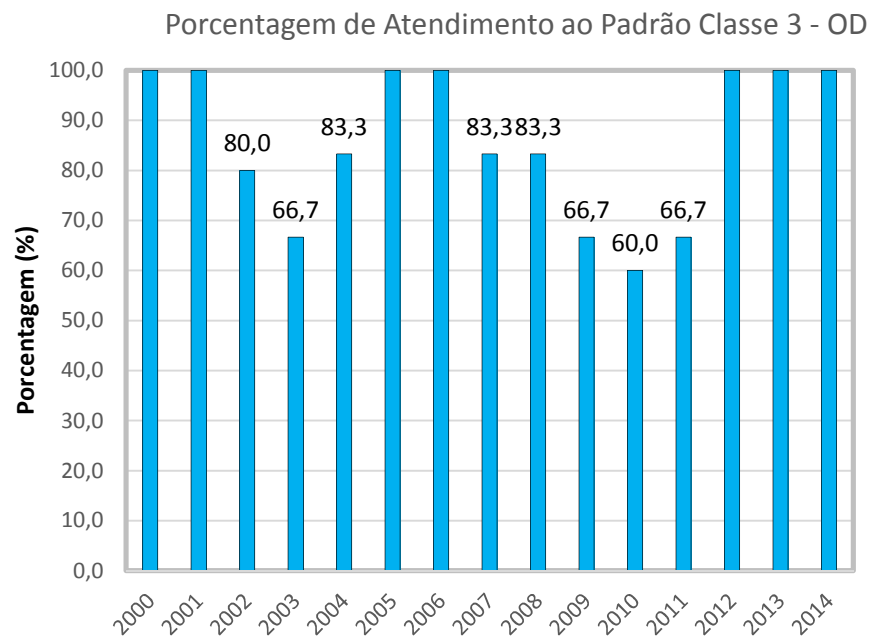


Evolução Temporal - Período Chuvoso

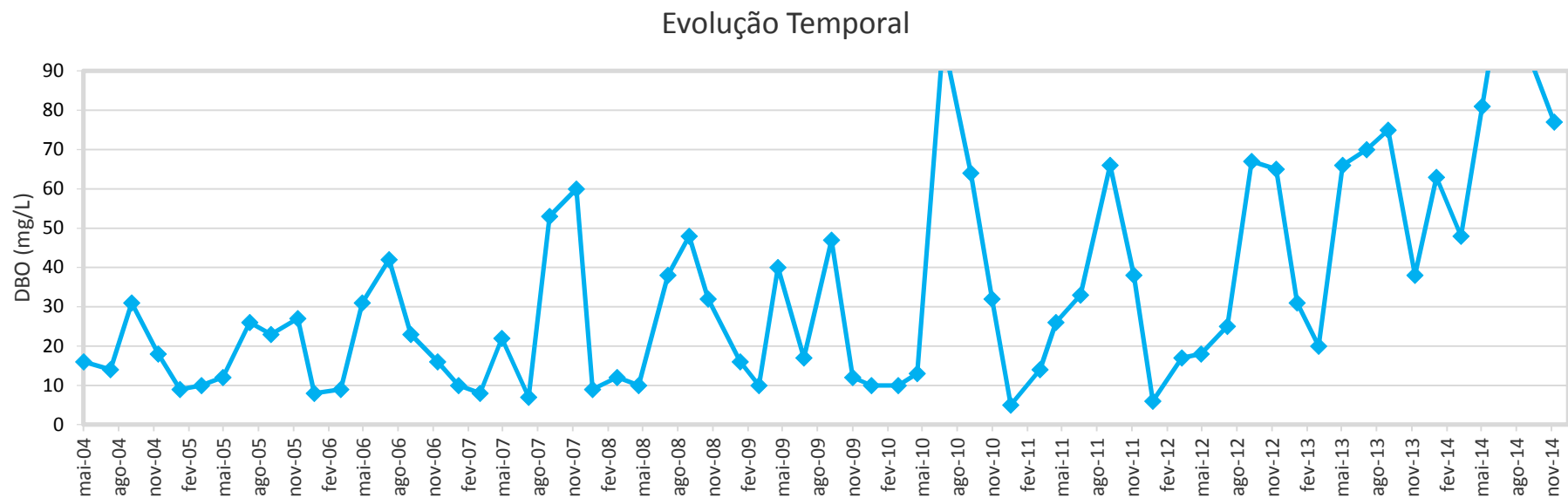
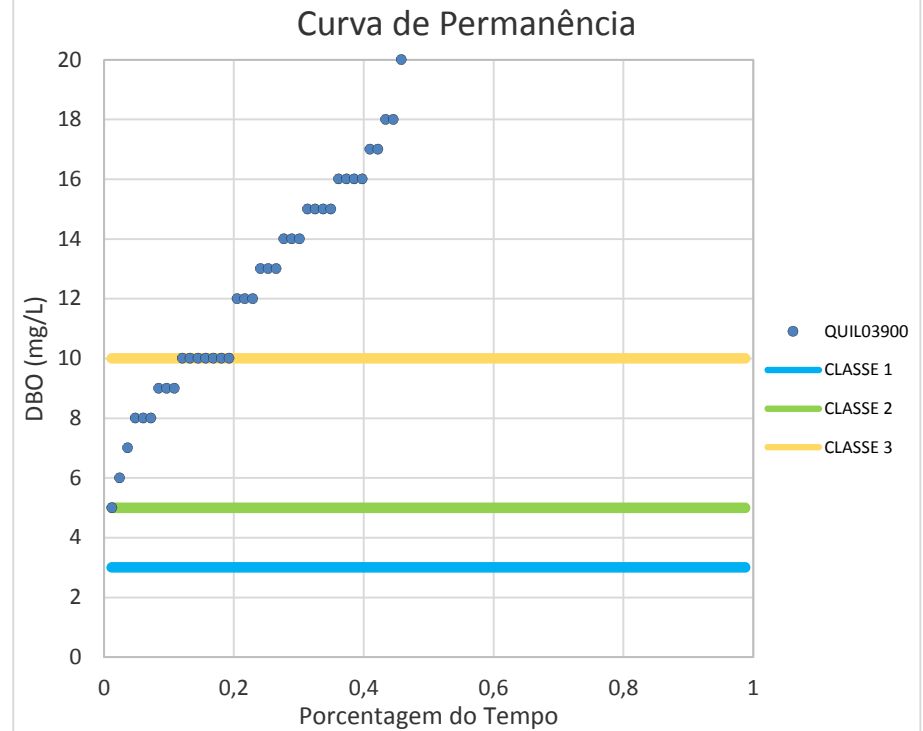
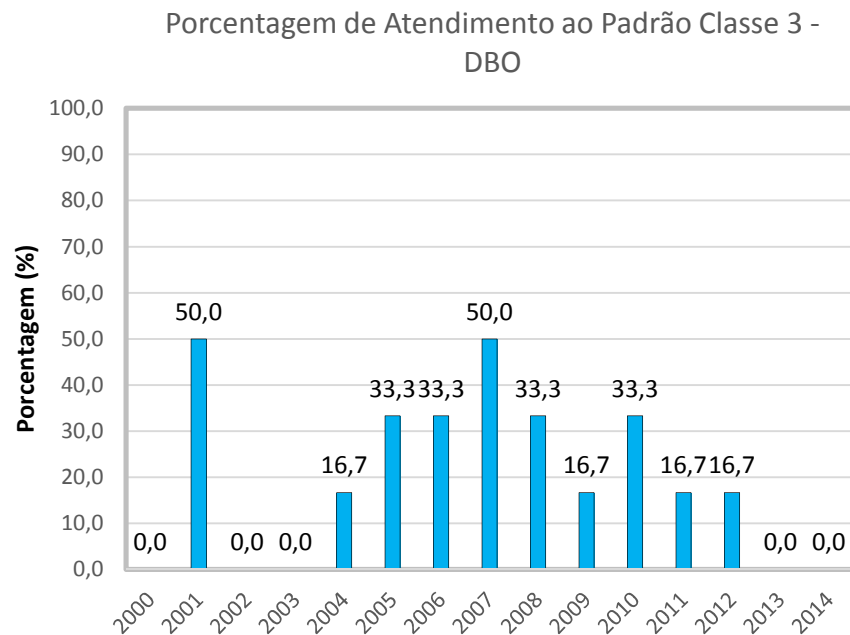


Ribeirão Quilombo
QUIL 03900

QUIL 03900 – Oxigênio Dissolvido (mg/L)

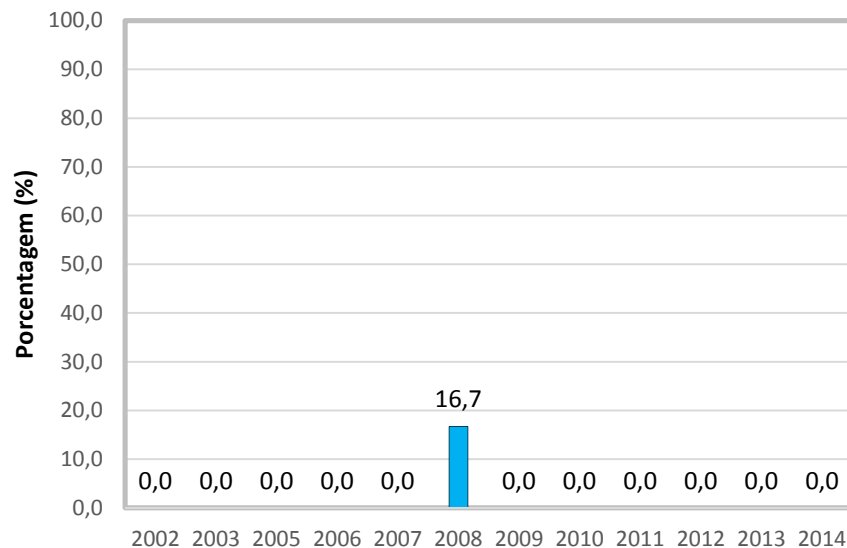


QUIL 03900 – DBO (mg/L)

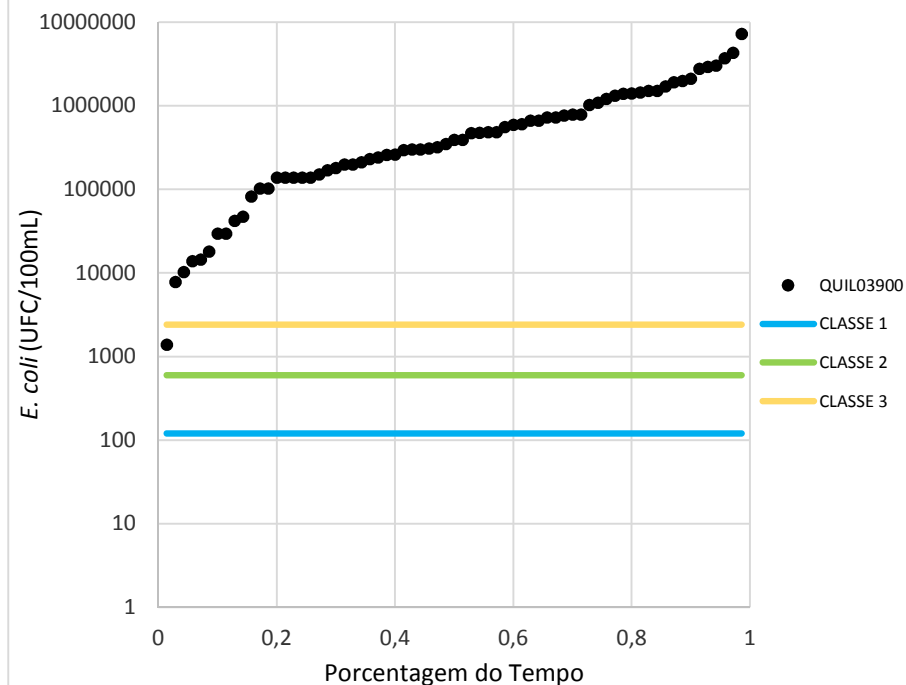


QUIL 03900 – *Escherichia coli* (UFC/100mL)

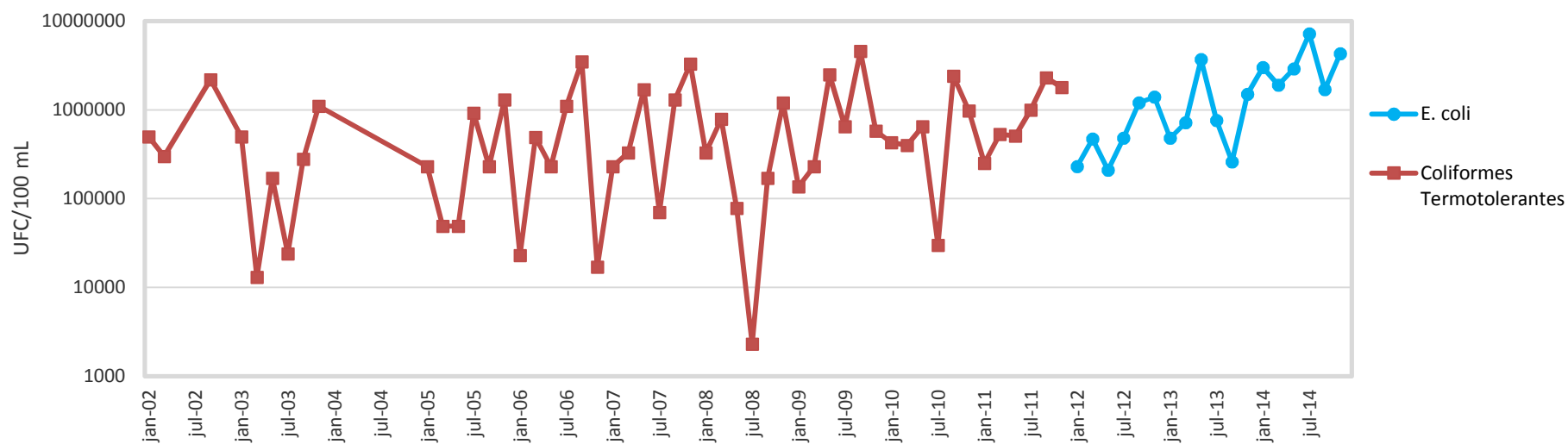
Porcentagem de Atendimento ao Padrão Classe 3 -
Colif. Term. e E. coli



Curva de Permanência

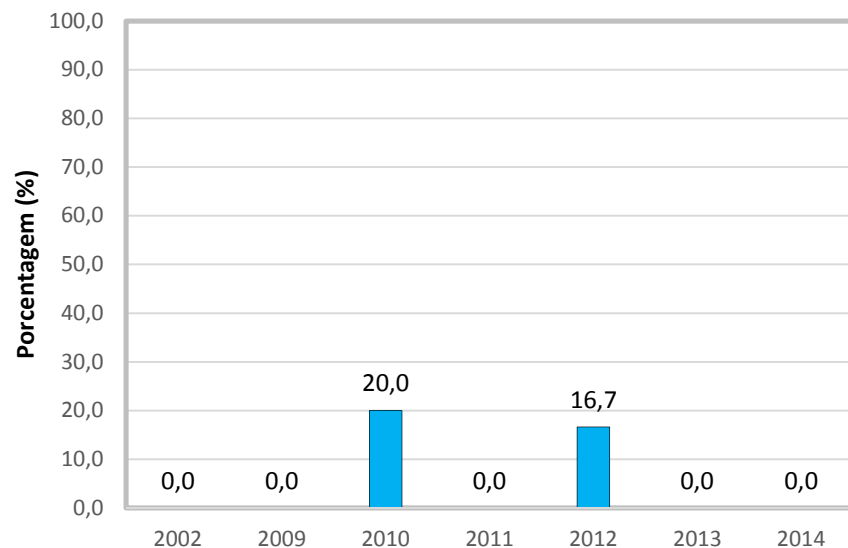


Evolução Temporal

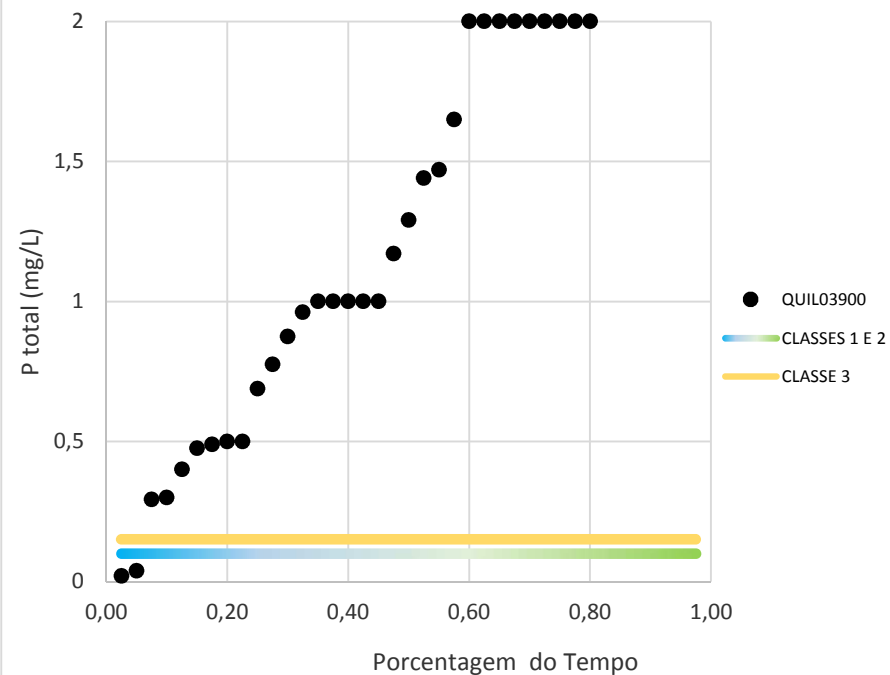


QUIL 03900 – Fósforo Total (mg/L)

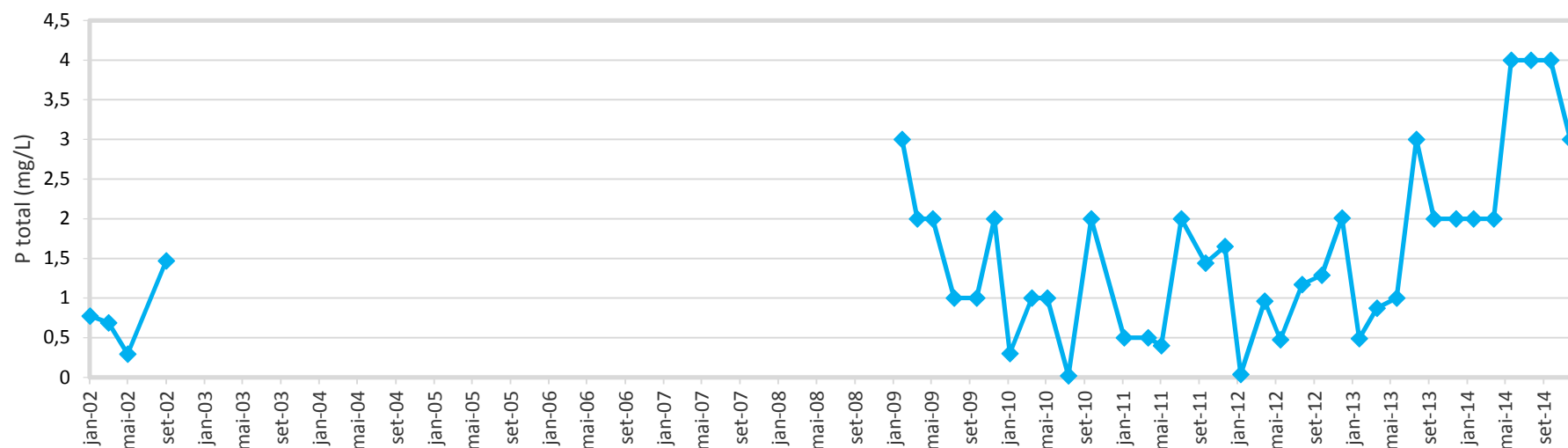
Porcentagem de Atendimento ao Padrão Classe 3 - P total



Curva de Permanência

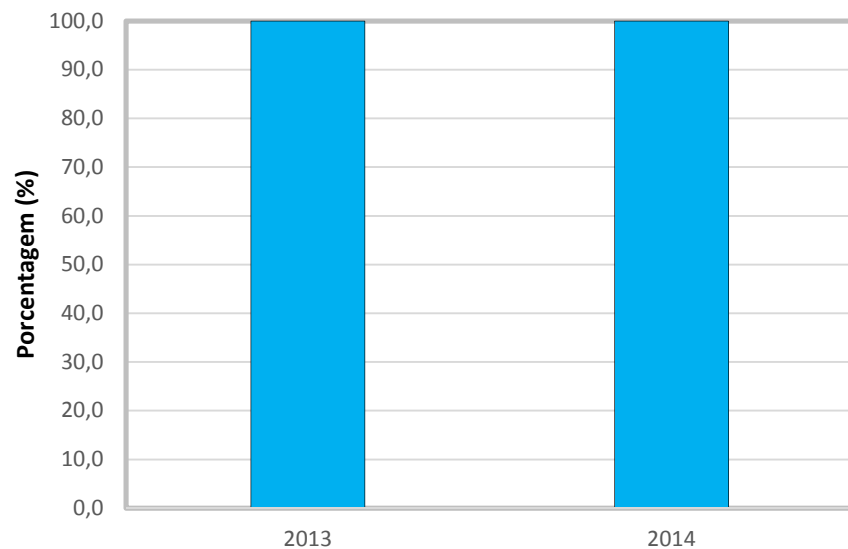


Evolução Temporal

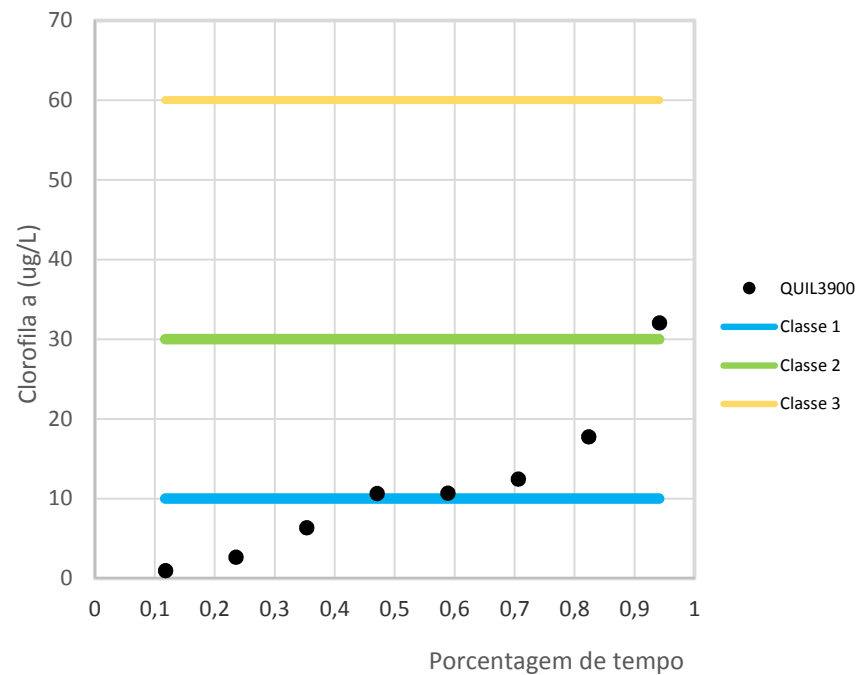


QUIL 03900 – Clorofila a ($\mu\text{g/L}$)

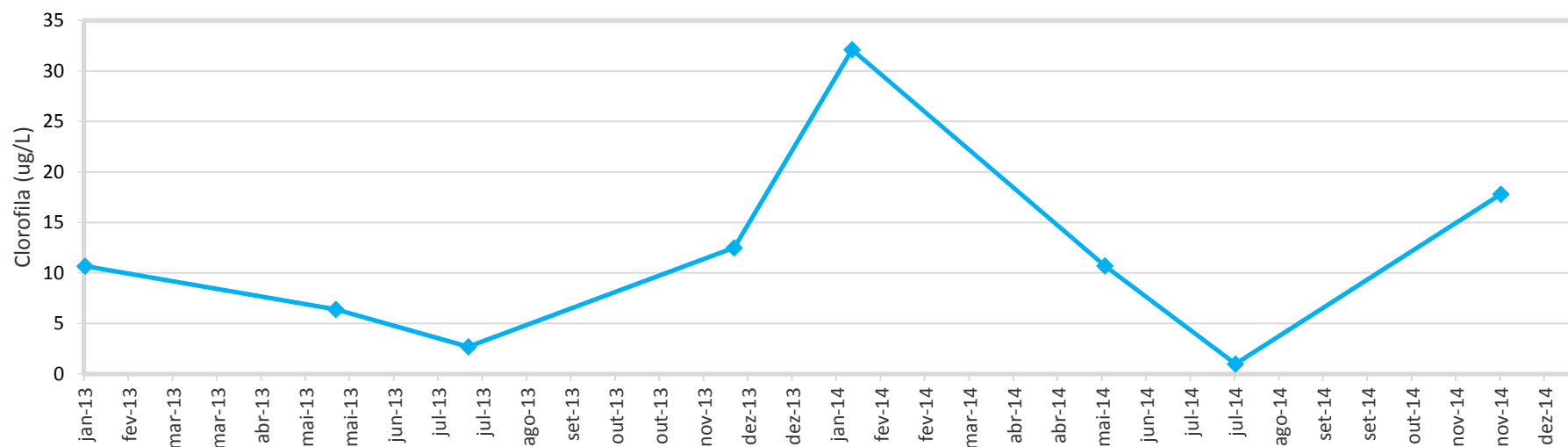
Porcentagem de Atendimento ao Padrão Classe 3 - Clorofila



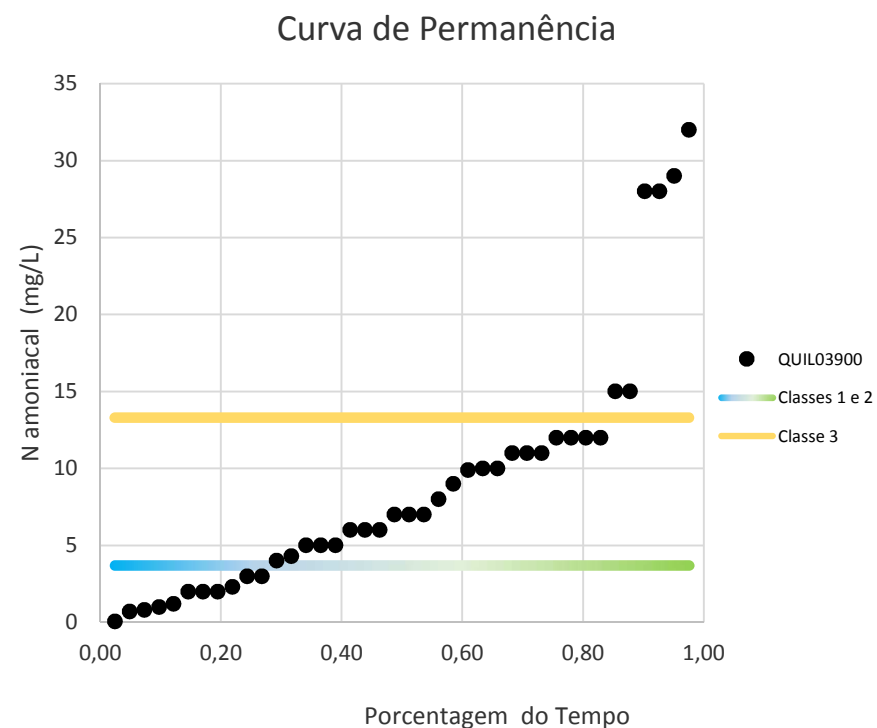
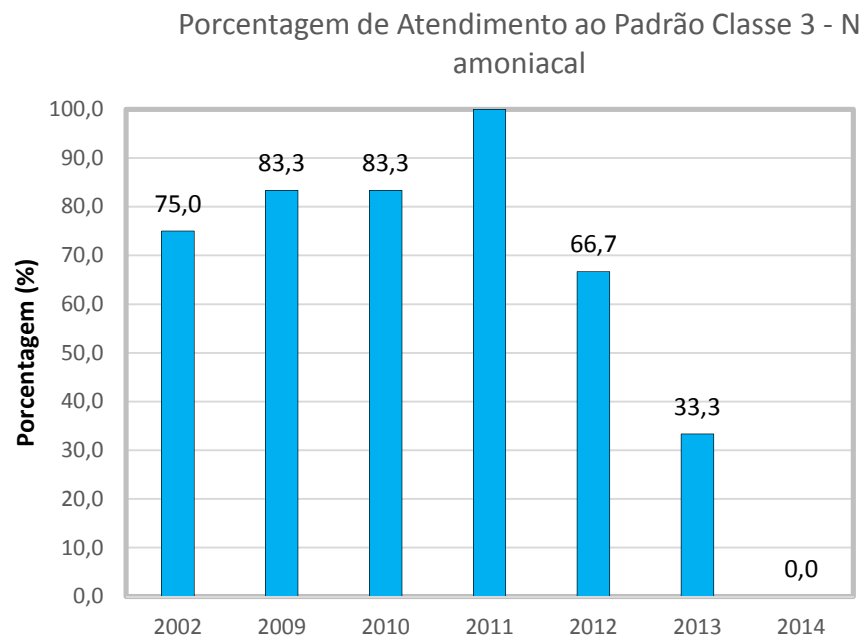
Curva de Permanência



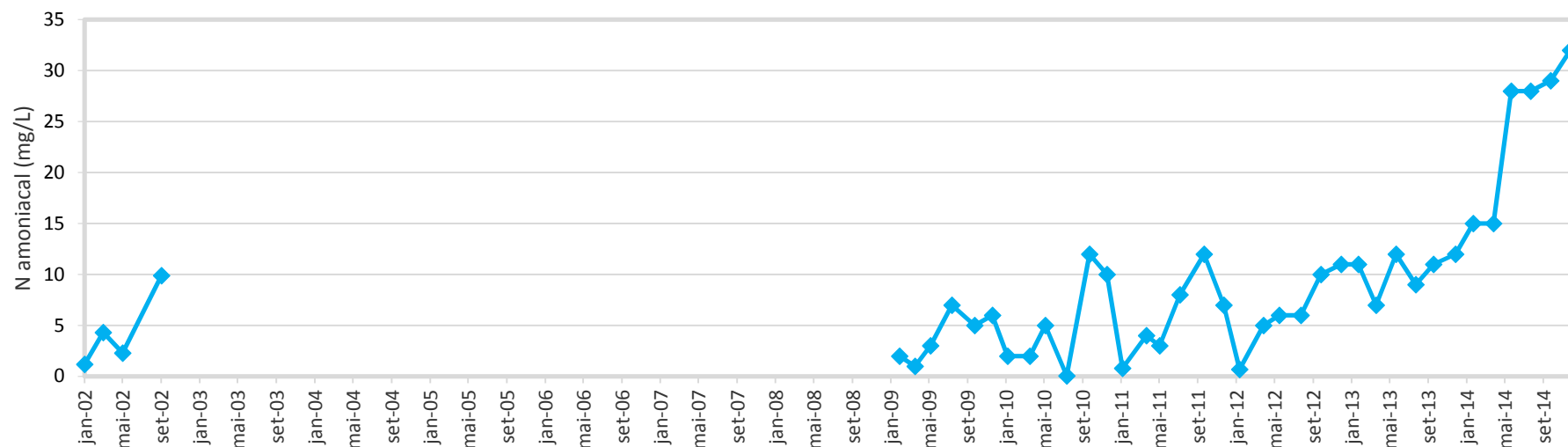
Evolução Temporal



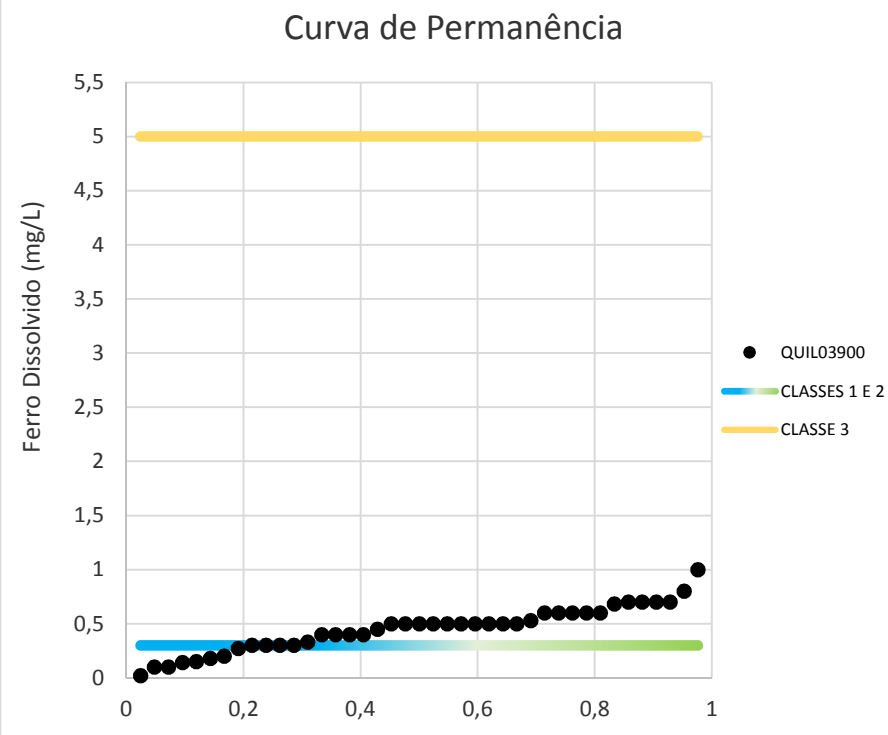
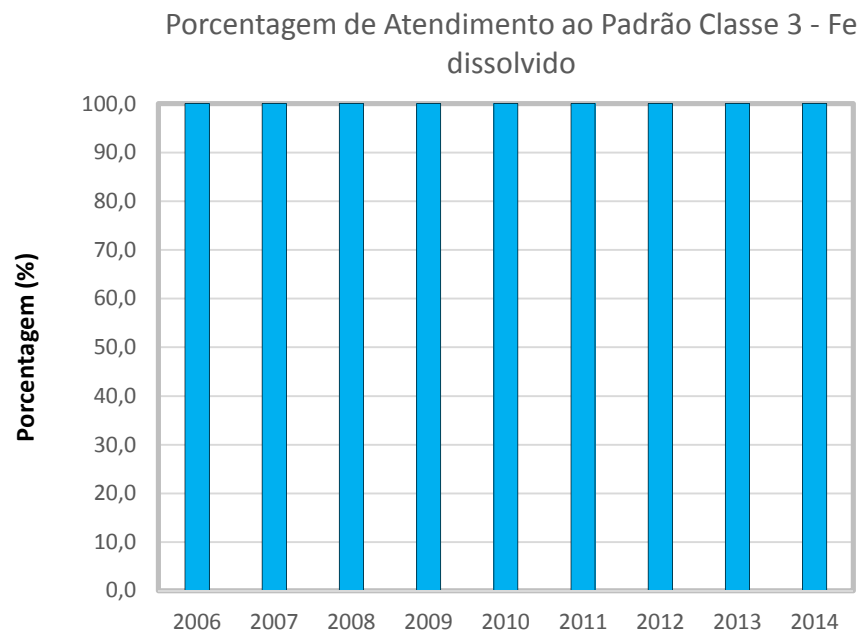
QUIL 03900 – Nitrogênio Amoniacal (mg/L)



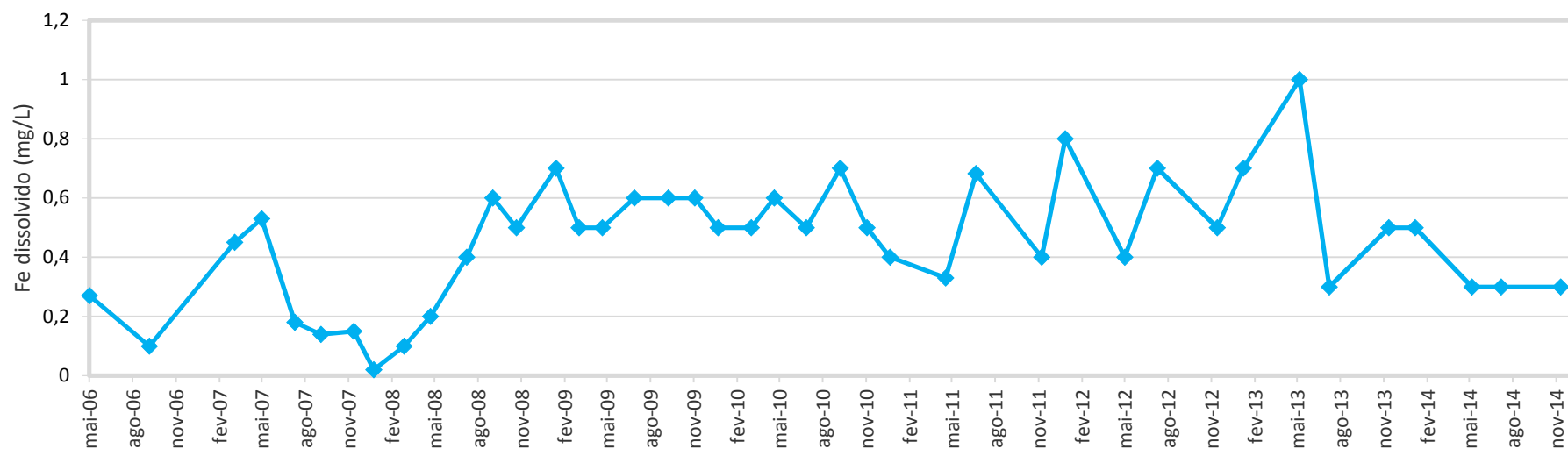
Evolução Temporal



QUIL 03900 – Ferro Dissolvido (mg/L)

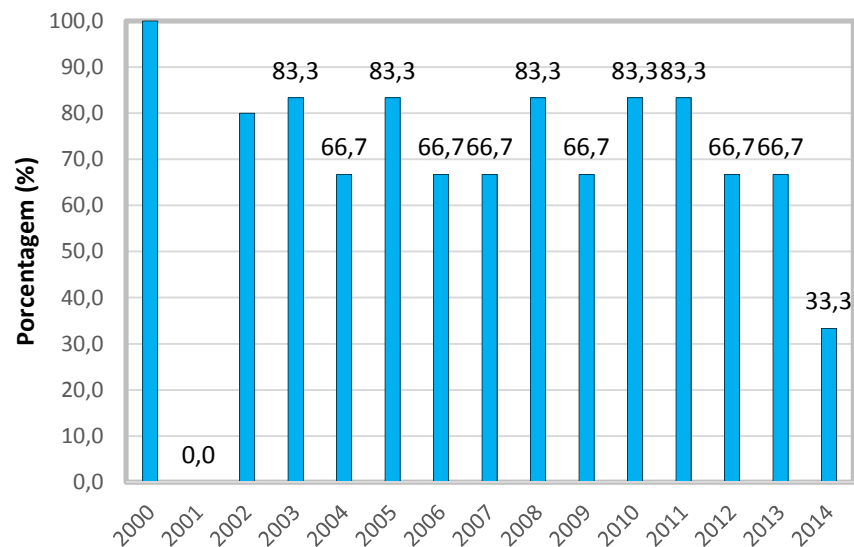


Evolução Temporal

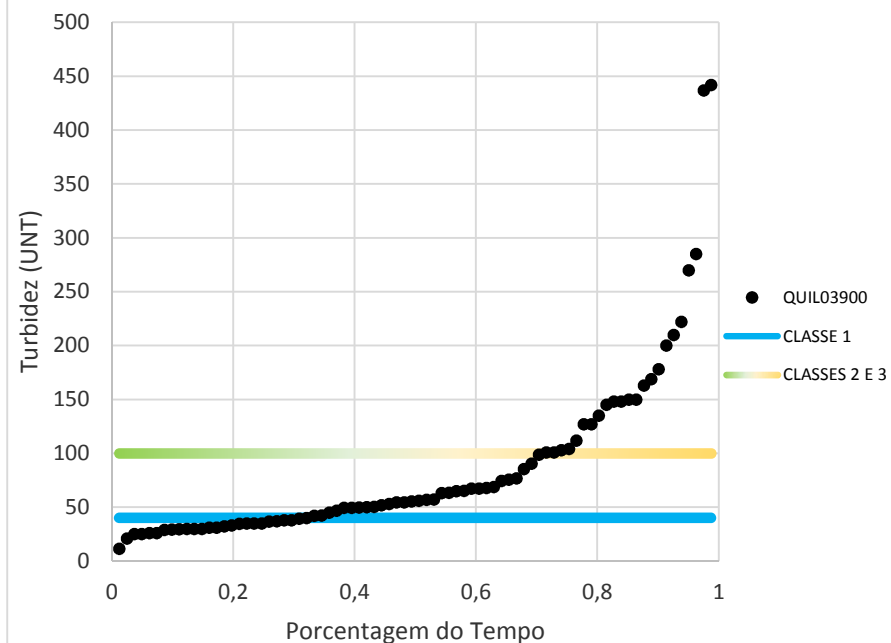


QUIL 03900 – Turbidez (UNT)

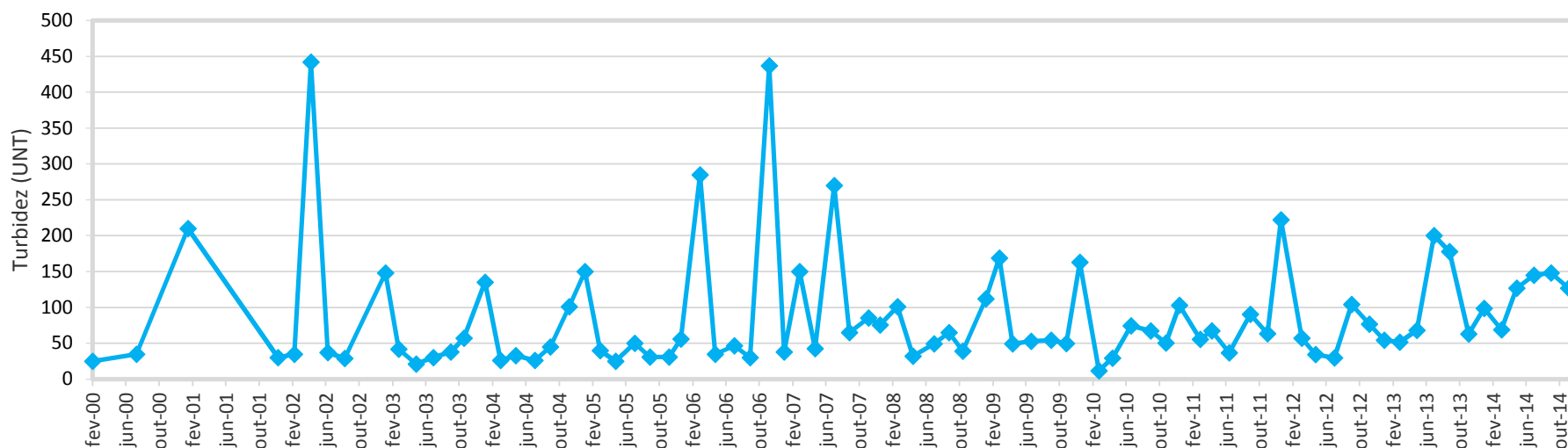
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (geral)



Curva de Permanência- Turbidez

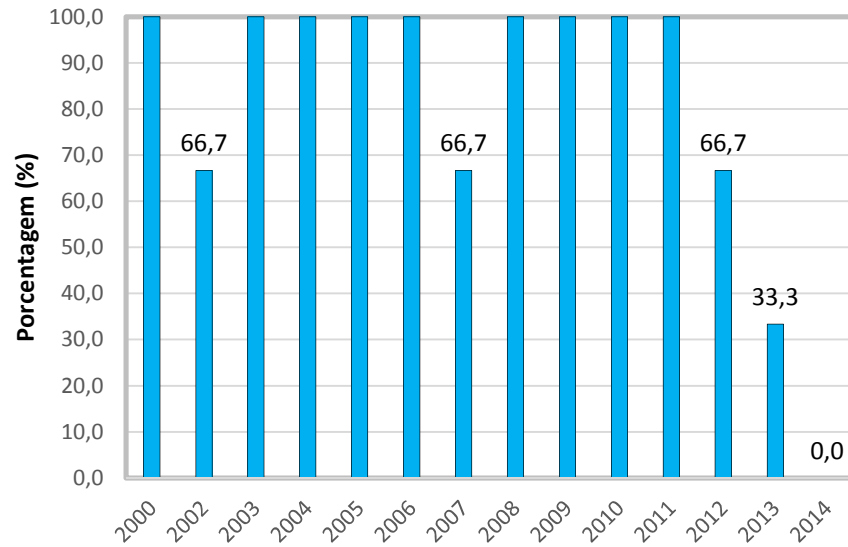


Evolução Temporal

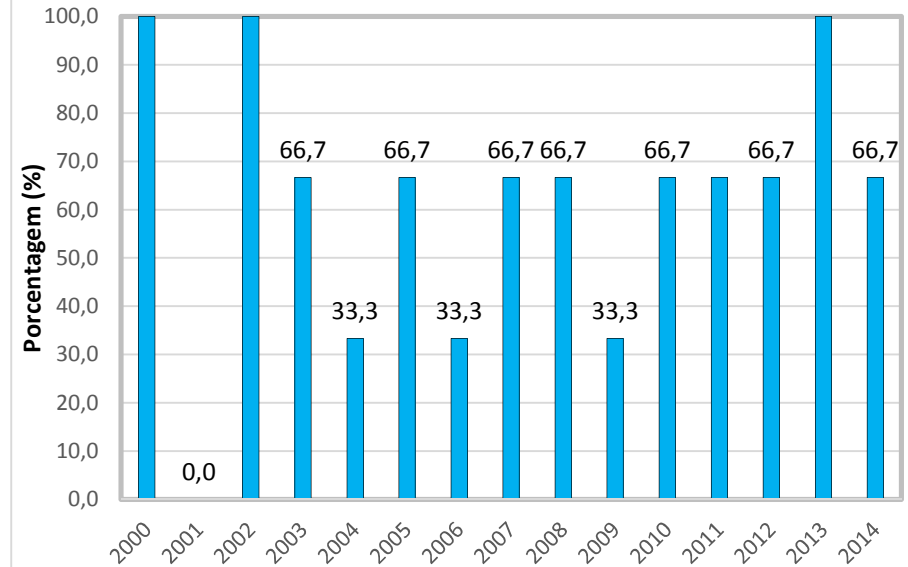


QUIL 03900 – Turbidez (Período Seco x Período Chuvoso)

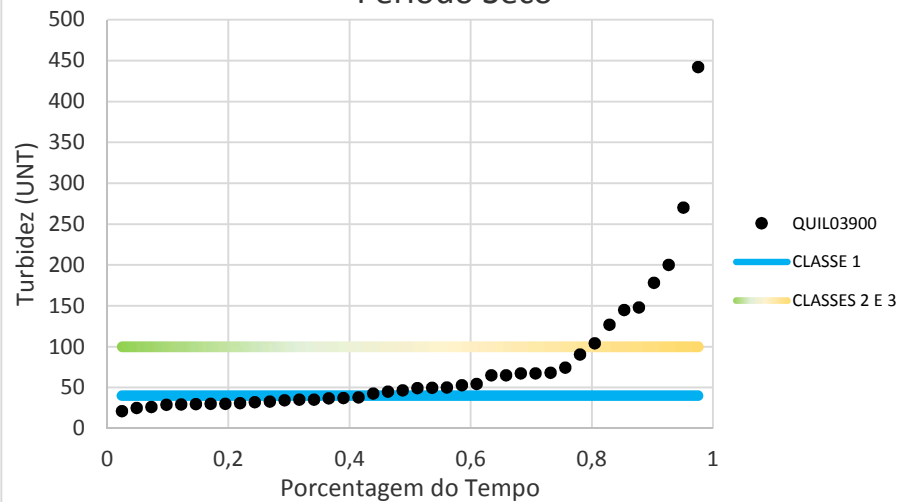
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (seco)



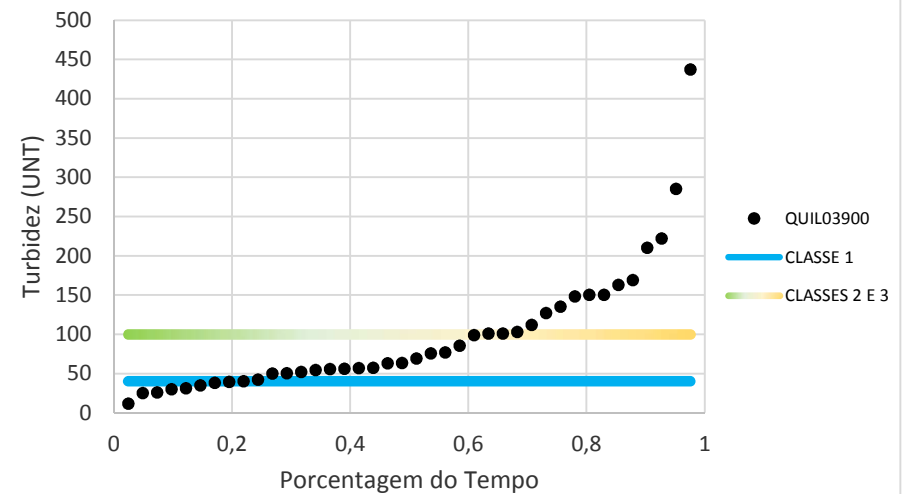
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

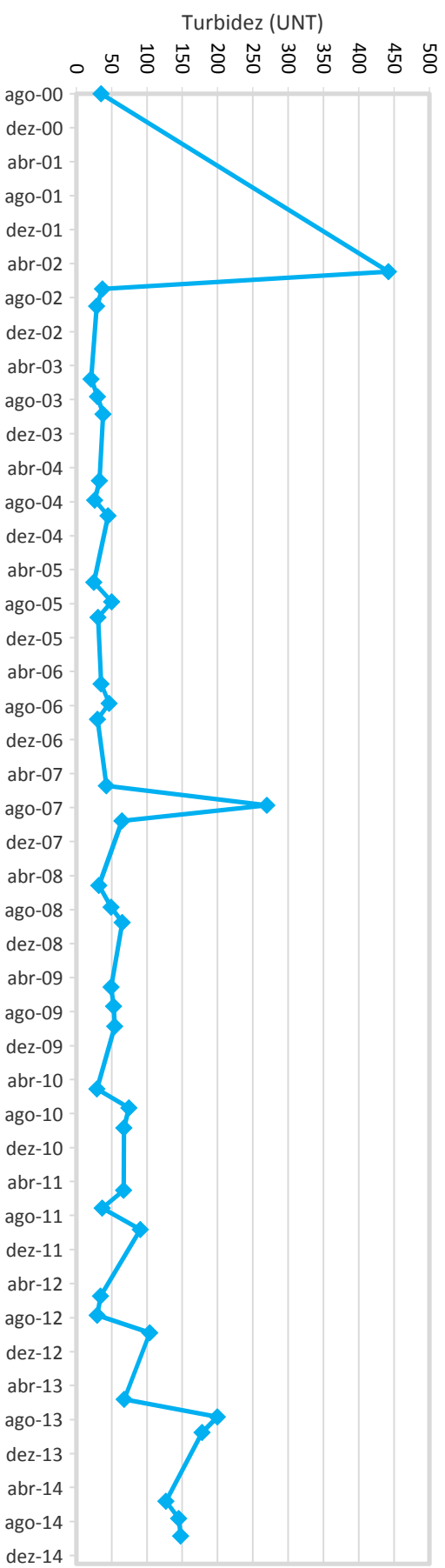


Curva de Permanência- Turbidez
Período Chuvoso

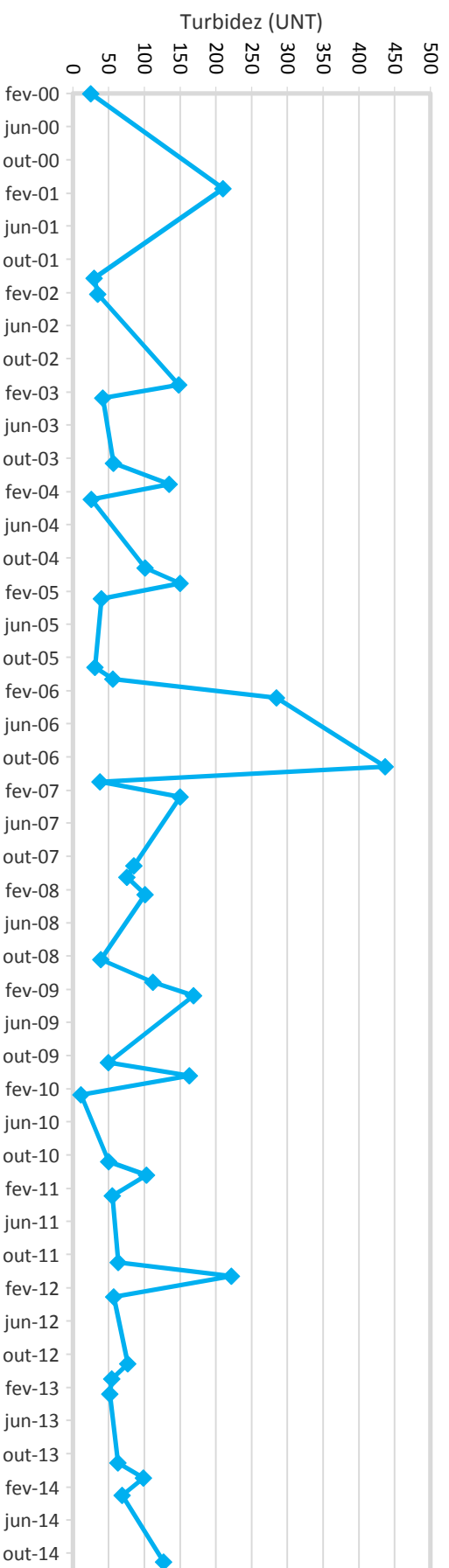


QUL 03900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

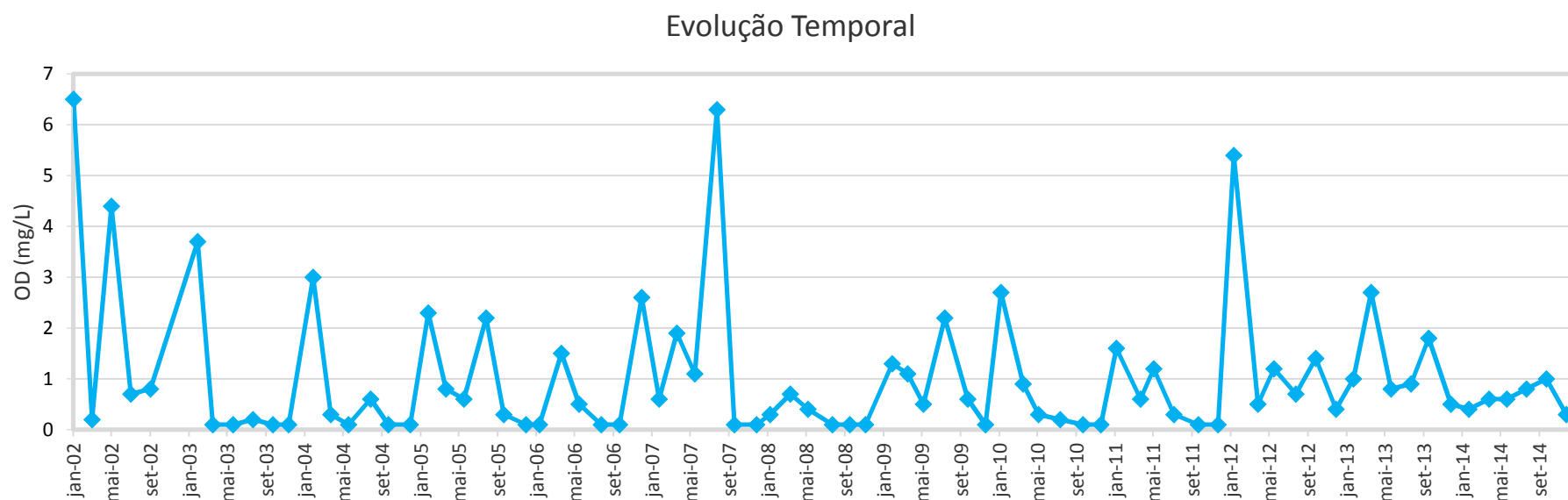
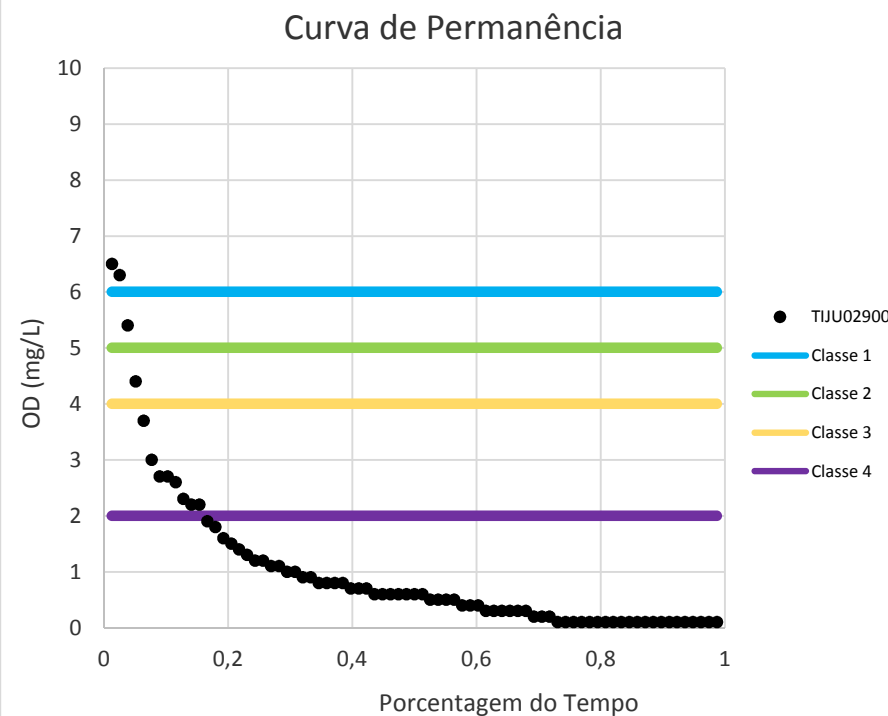
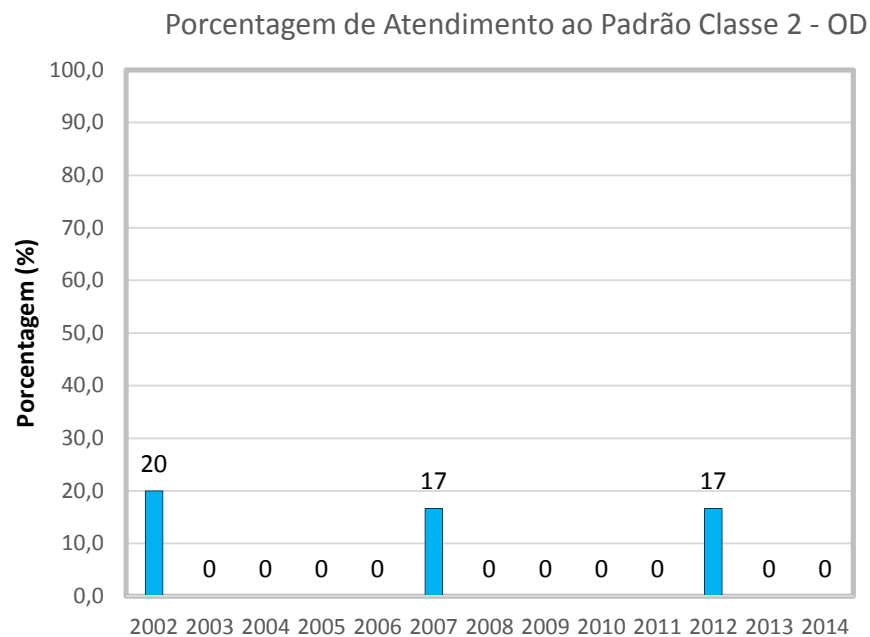


Evolução Temporal - Período Chuvoso



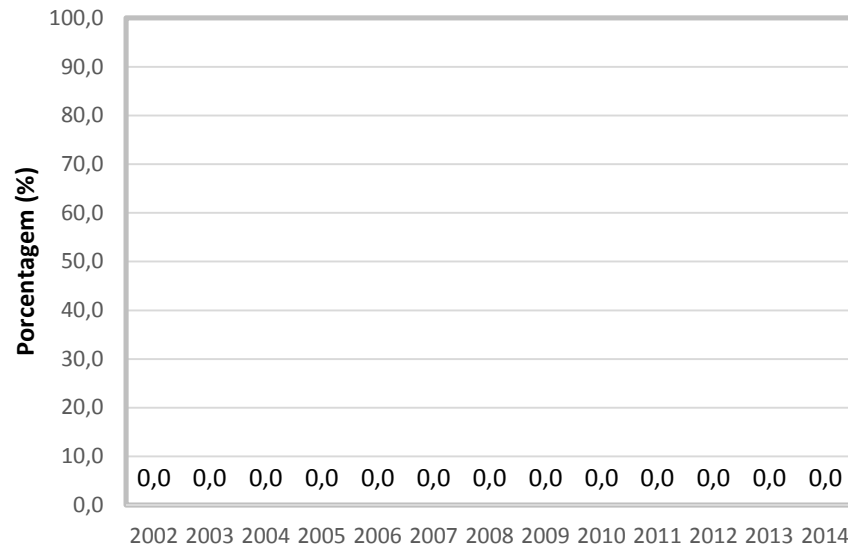
Ribeirão Tijuco Preto
TIJU 02900

TIJU 02900 – Oxigênio Dissolvido (mg/L)

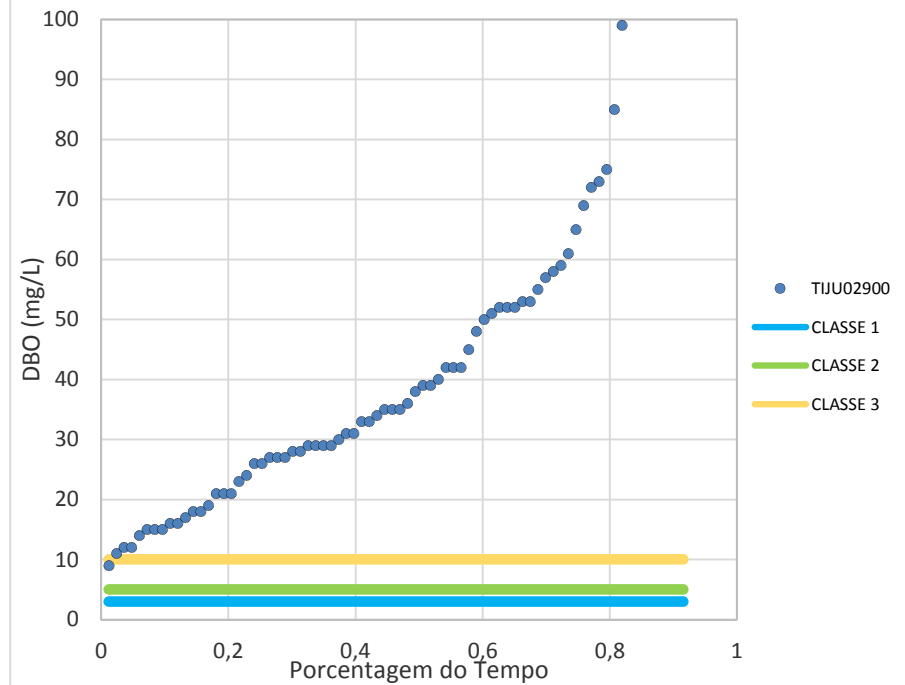


TIJU 02900 – DBO (mg/L)

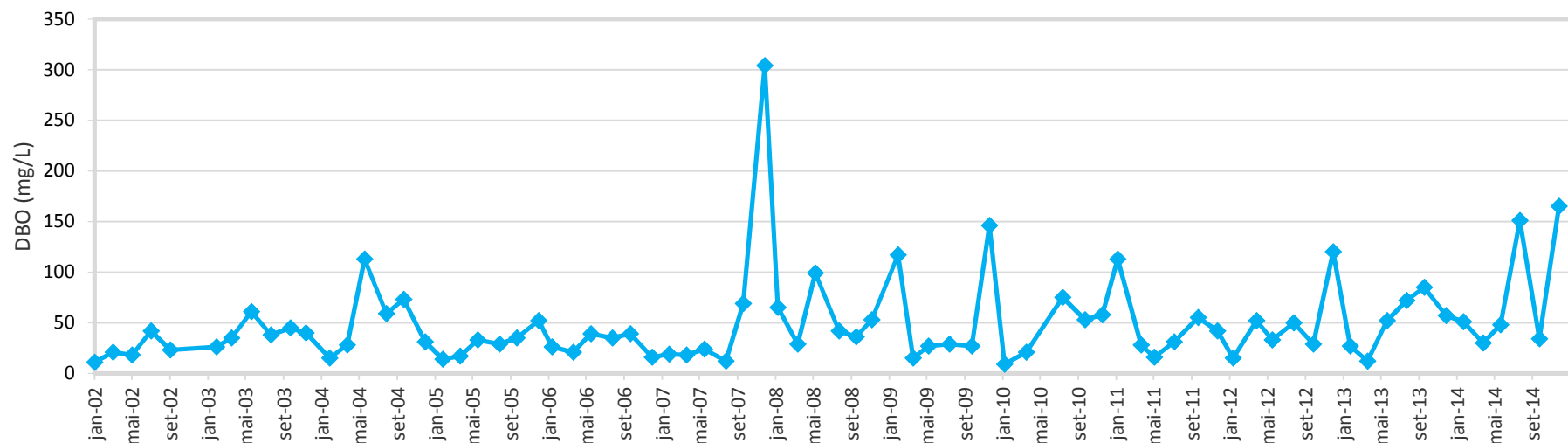
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



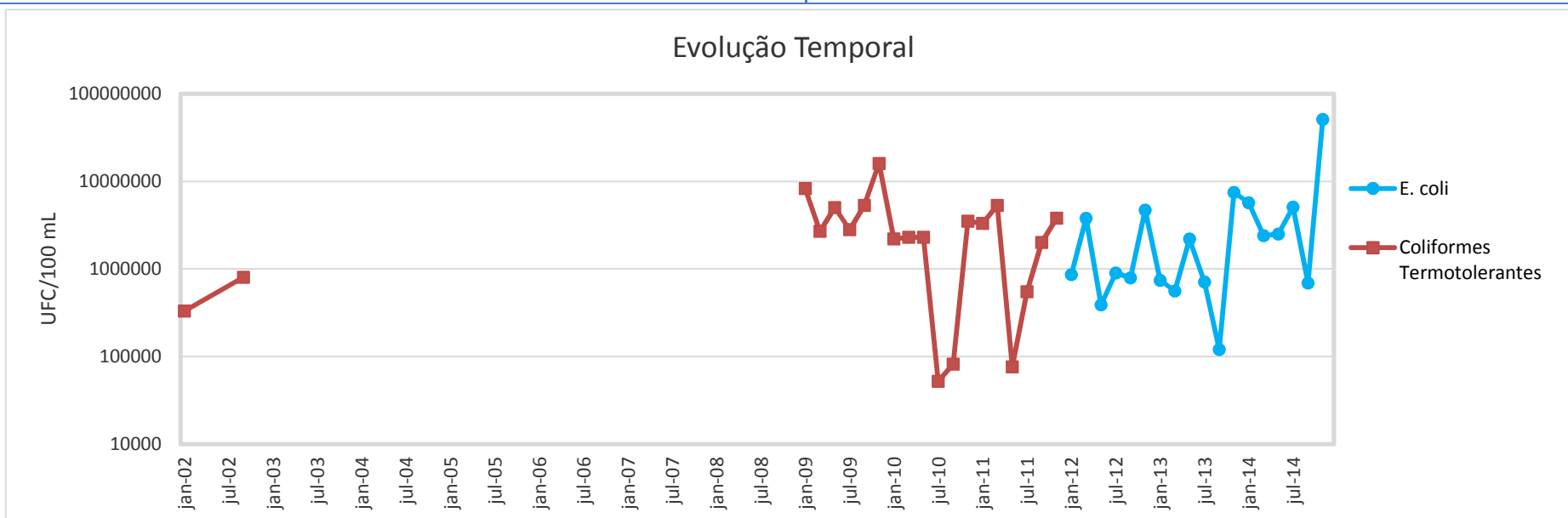
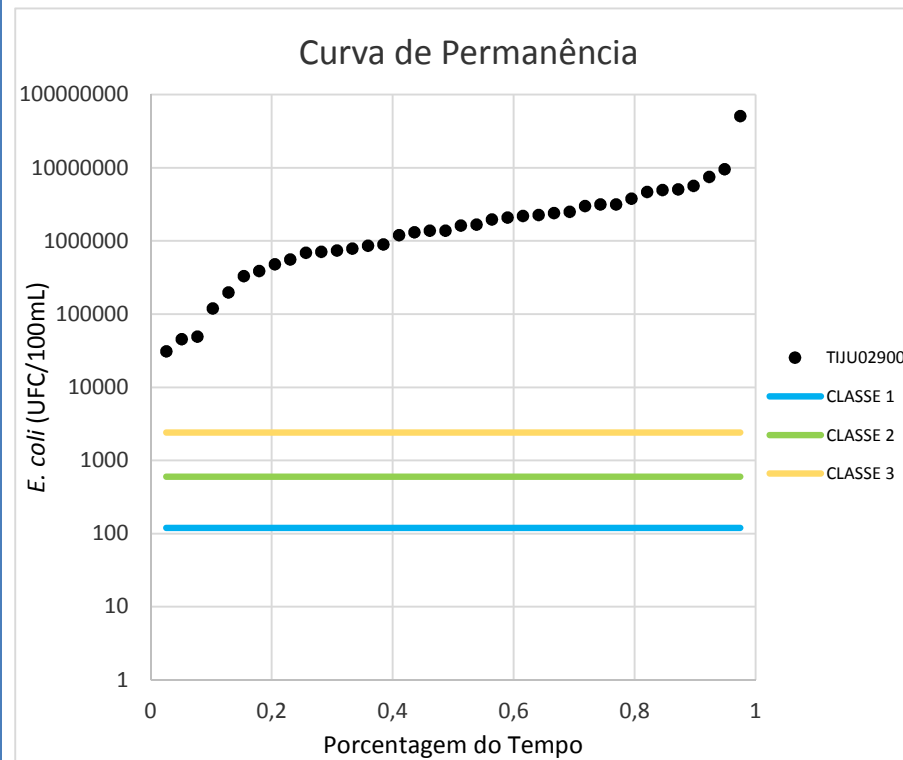
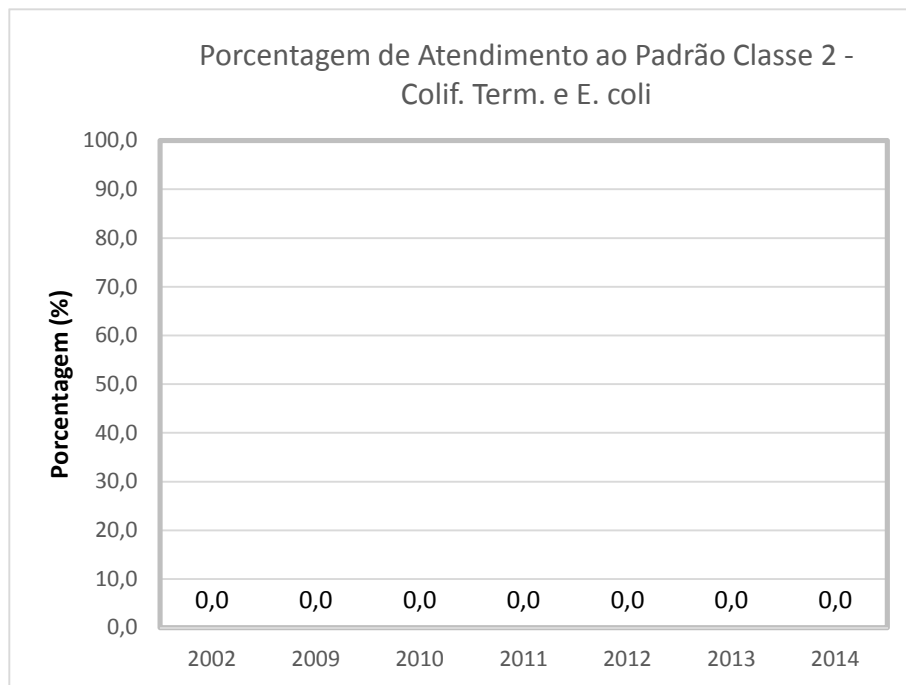
Curva de Permanência



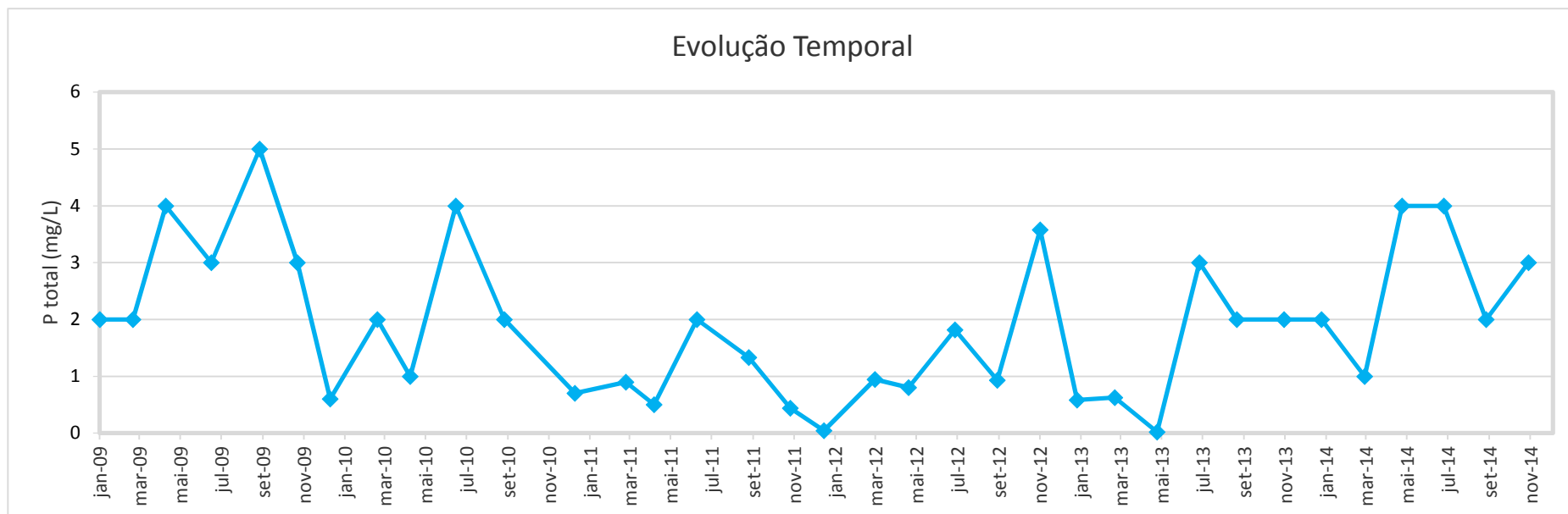
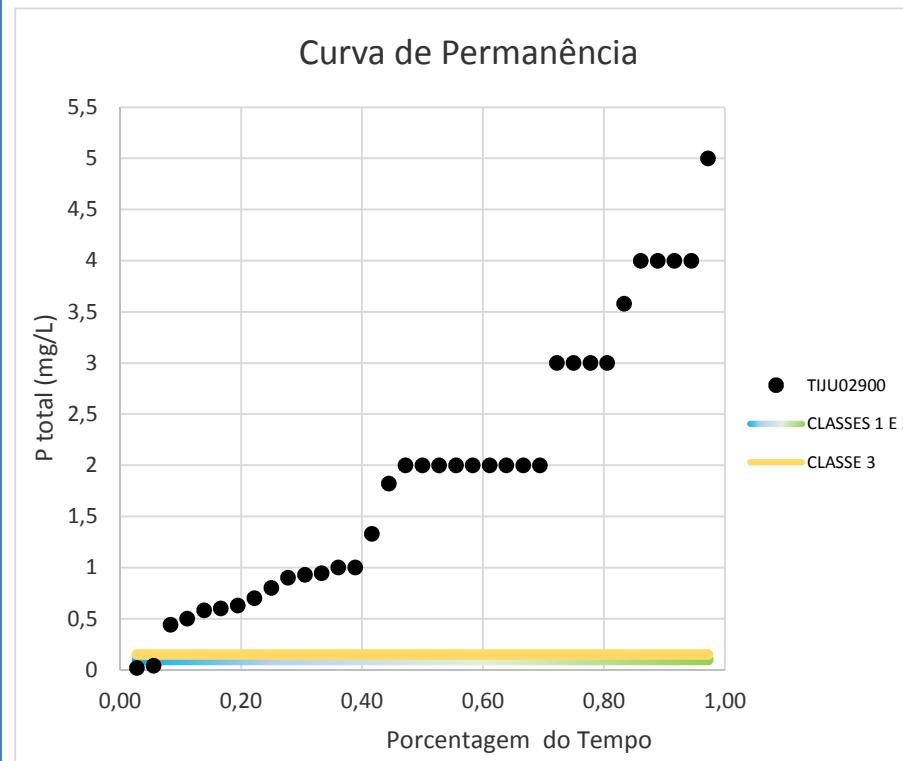
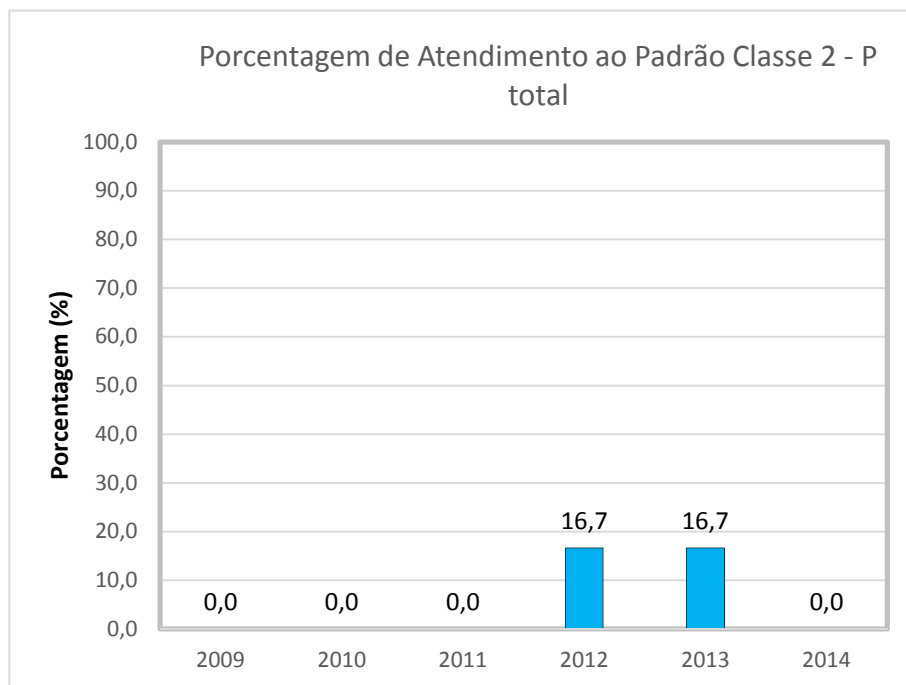
Evolução Temporal



TIJU 02900 – *Escherichia coli* (UFC/100mL)



TIJU 02900 – Fósforo Total (mg/L)

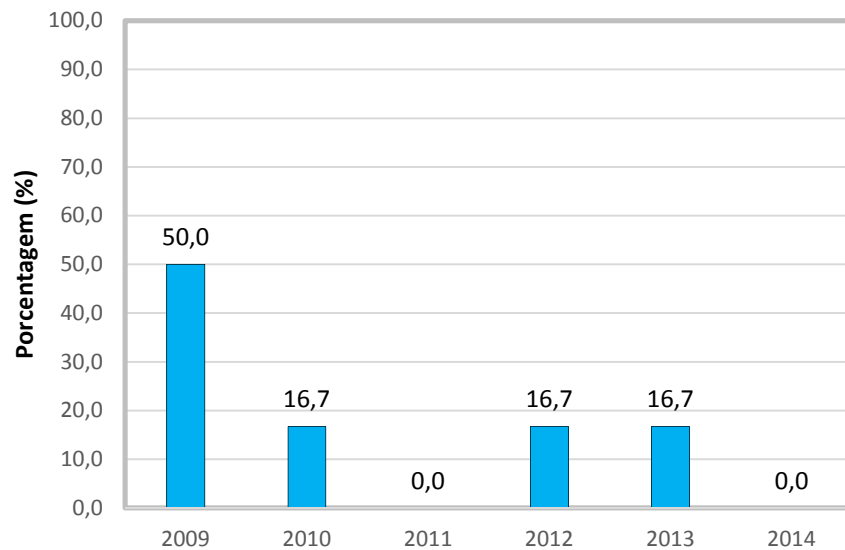


TIJU 02900 – Clorofila a ($\mu\text{g/L}$)

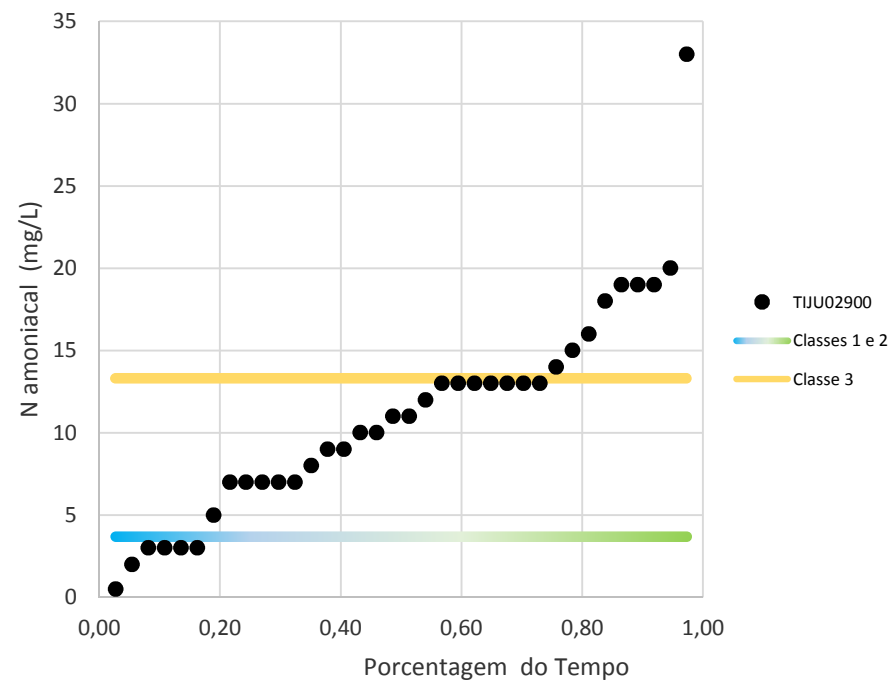
Variável não monitorada

TIJU 02900 – Nitrogênio Amoniacal (mg/L)

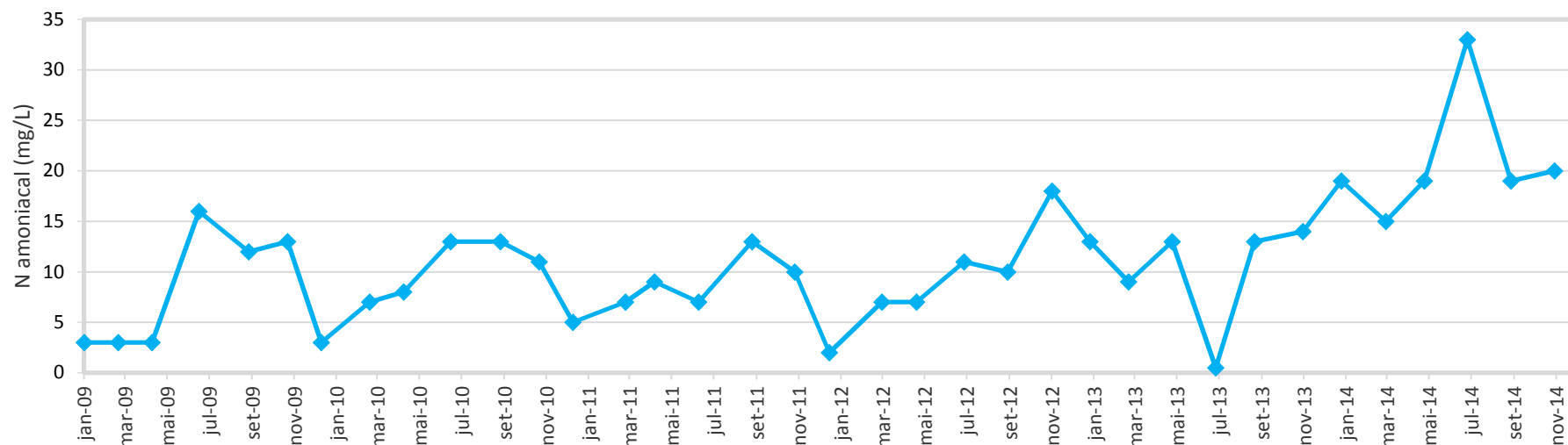
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

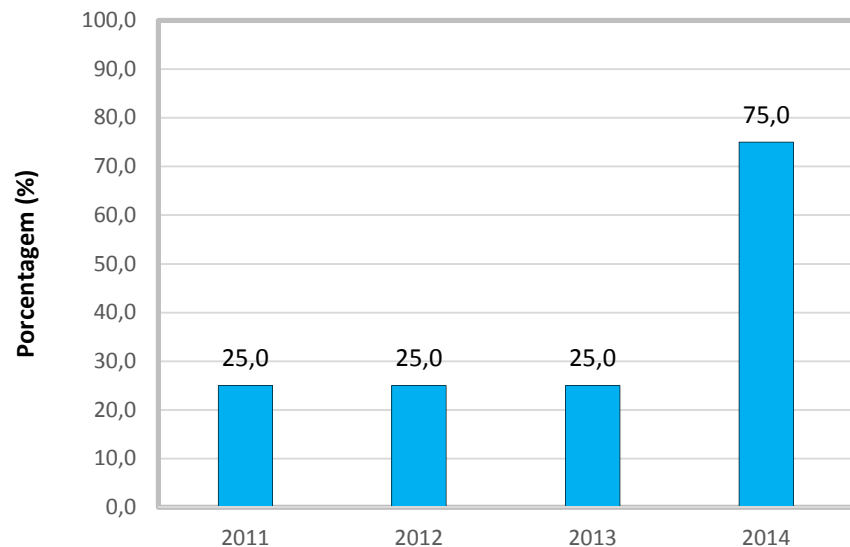


Evolução Temporal

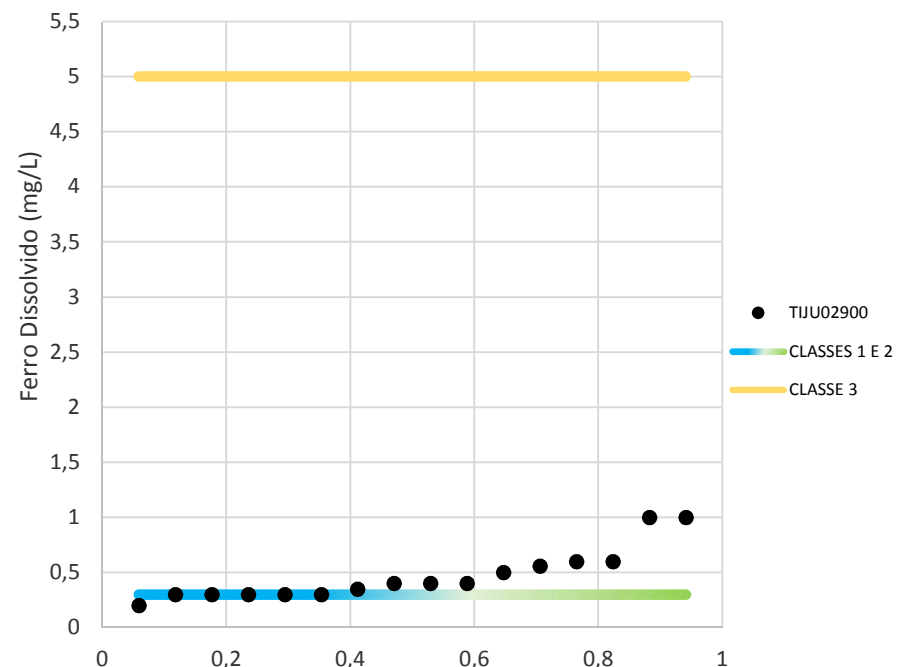


TIJU 02900 – Ferro Dissolvido (mg/L)

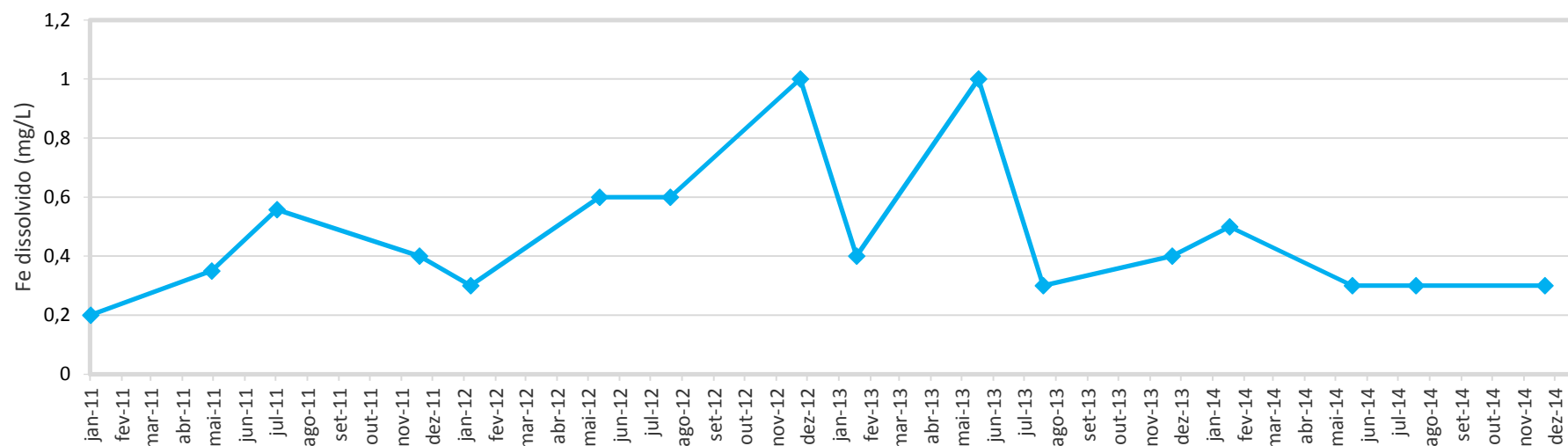
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

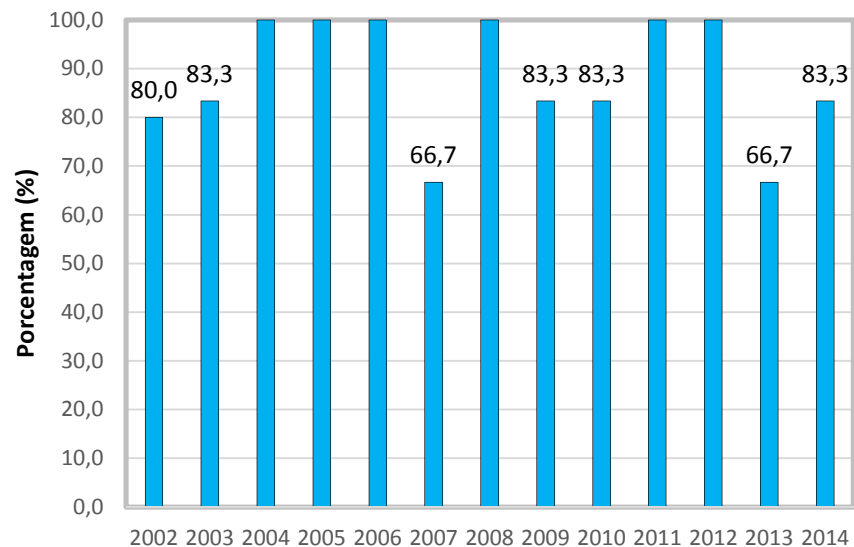


Evolução Temporal

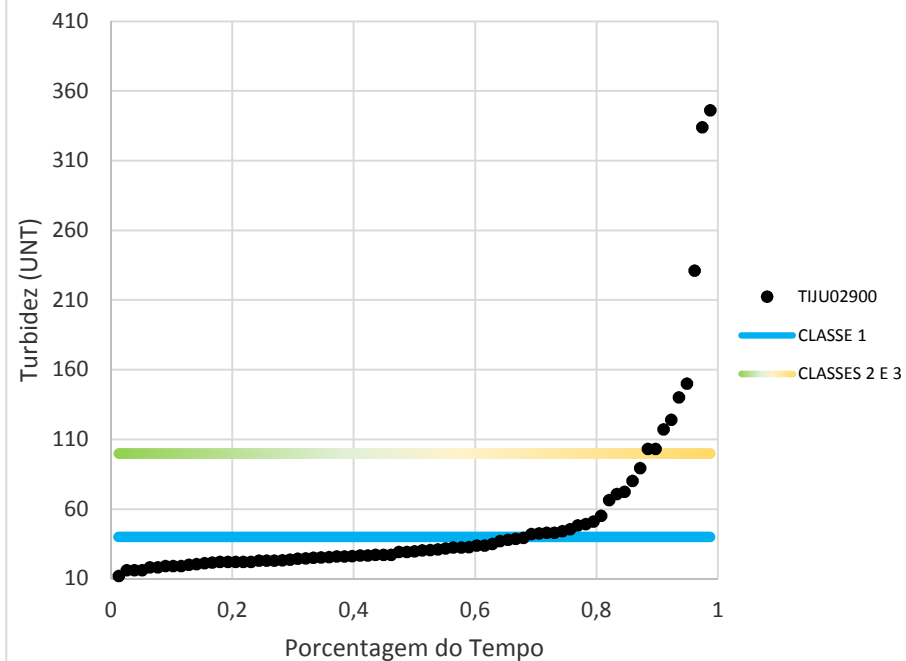


TIJU 02900 – Turbidez (UNT)

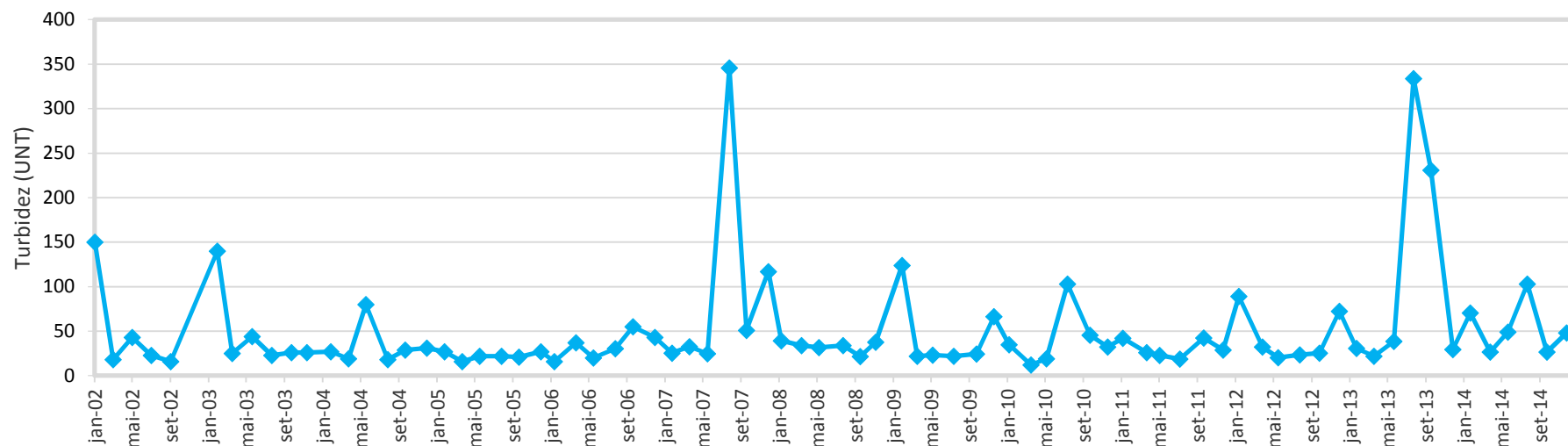
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez

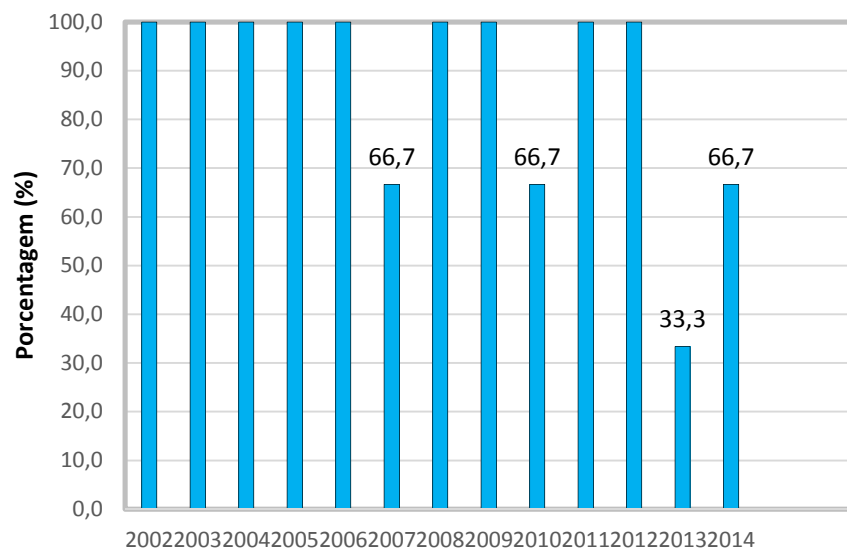


Evolução Temporal

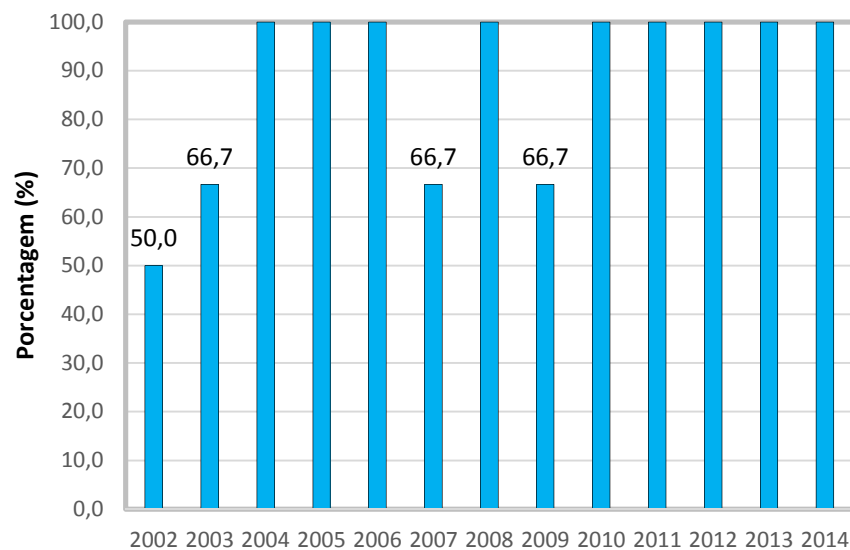


TIJU 02900 – Turbidez (Período Seco x Período Chuvoso)

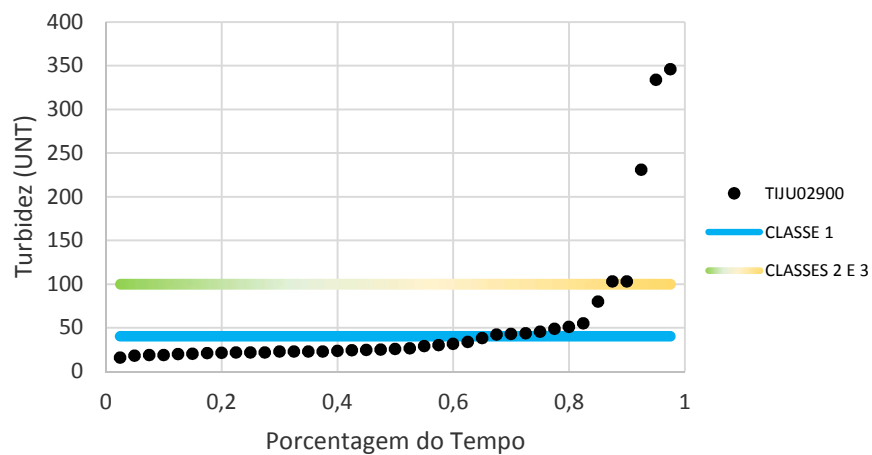
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



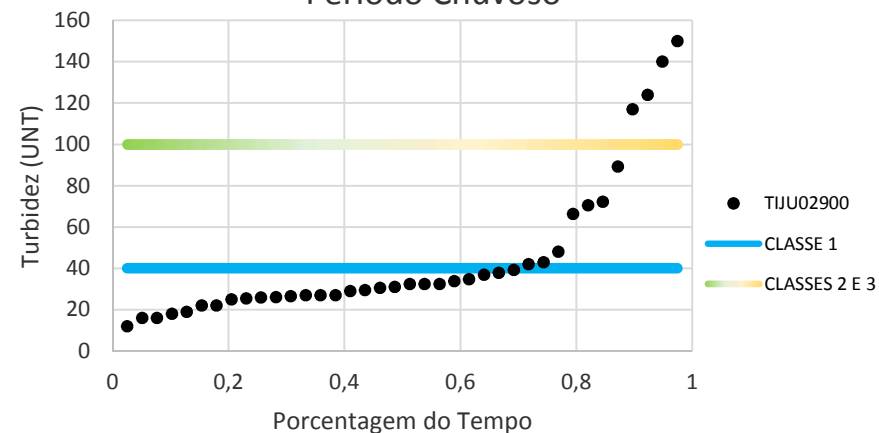
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

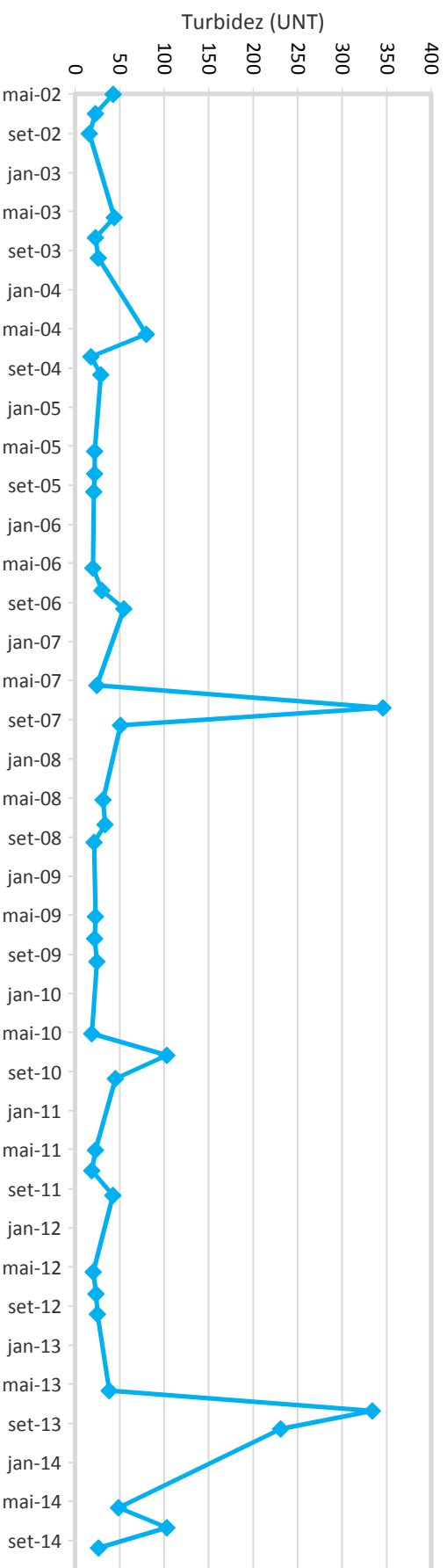


Curva de Permanência- Turbidez
Período Chuvoso

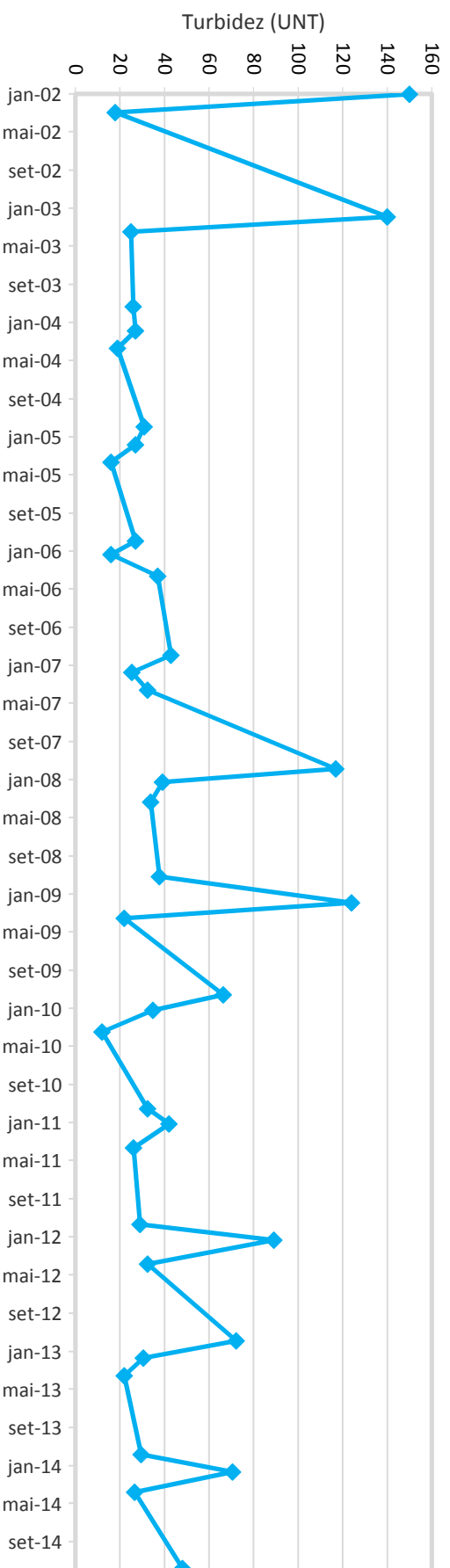


TIJU 02900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

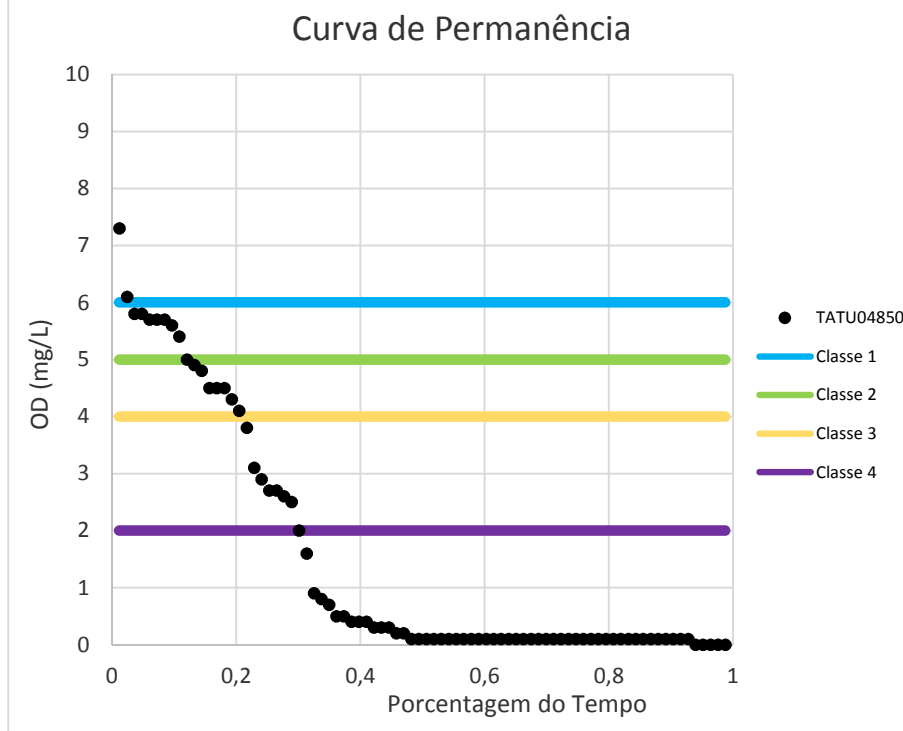
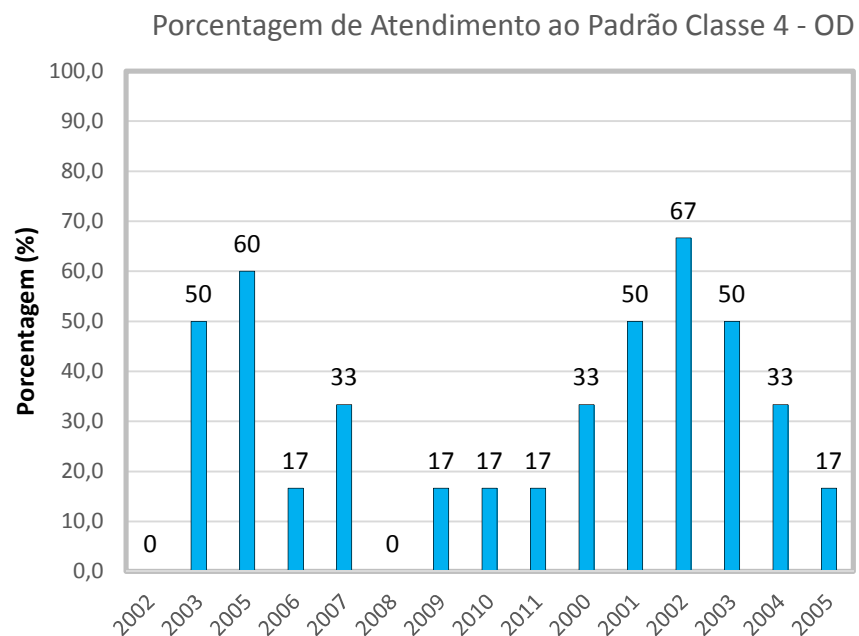


Evolução Temporal - Período Chuvoso

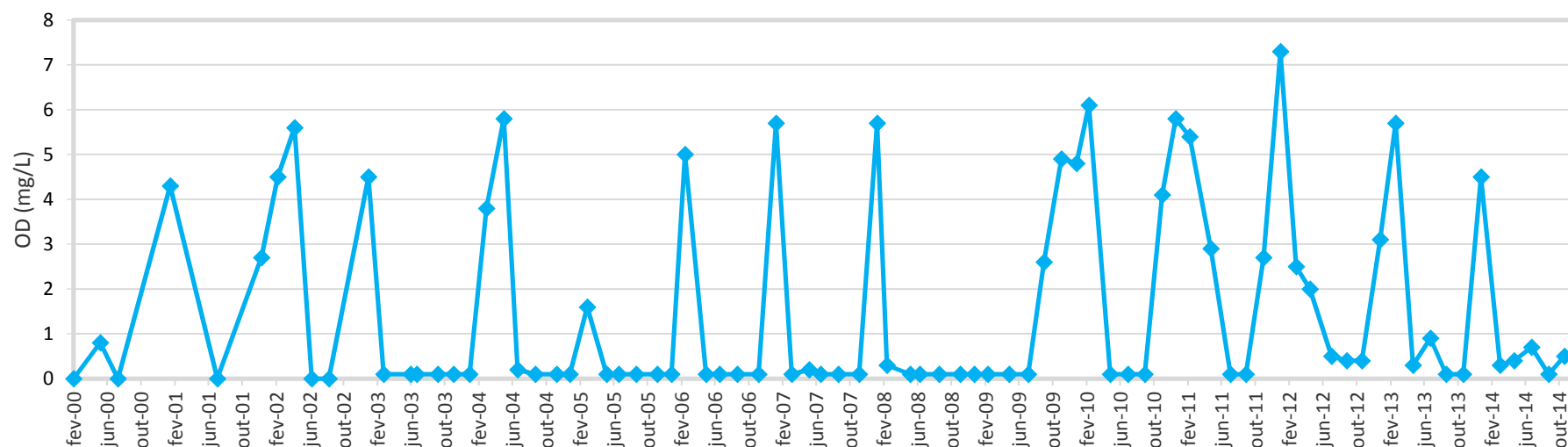


Ribeirão Tatu
TATU 04850

TATU 04850 – Oxigênio Dissolvido (mg/L)

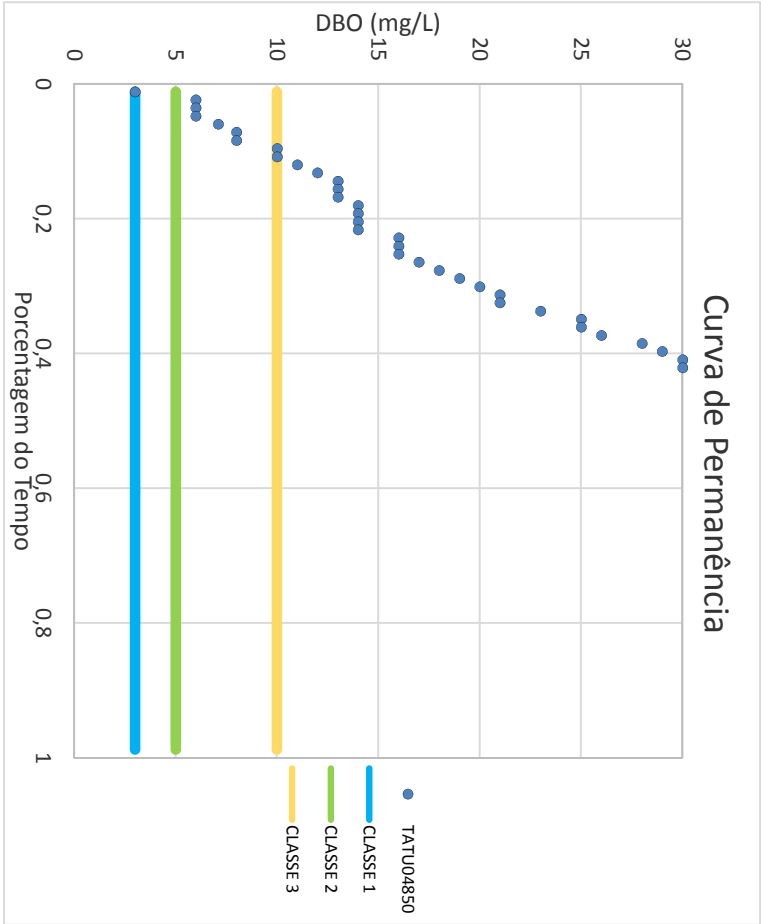


Evolução Temporal

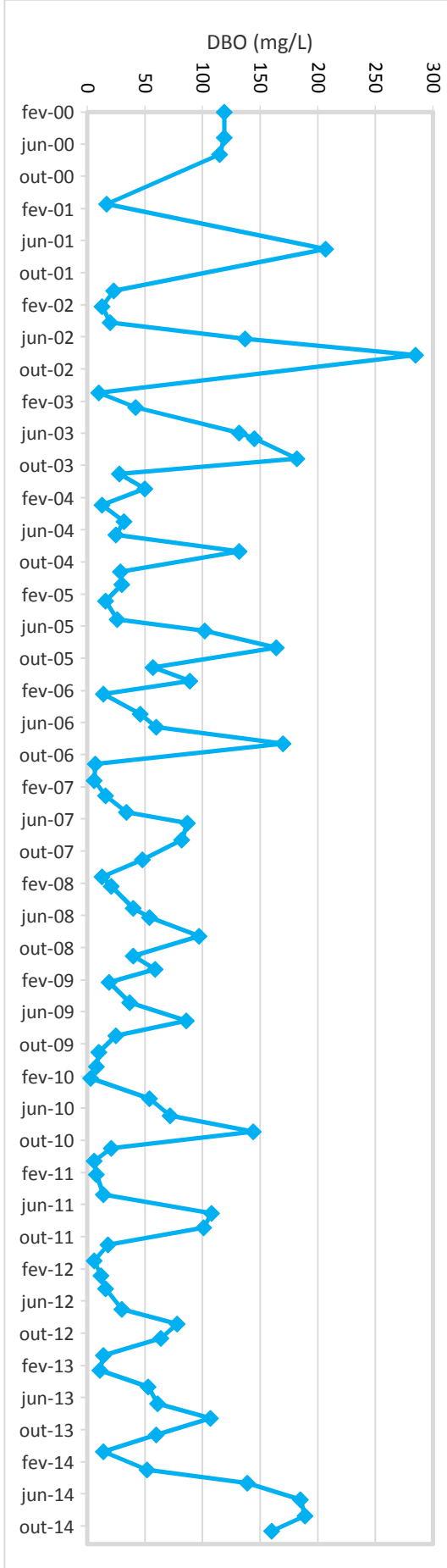


TATU 04850 – DBO (mg/L)

Não há padrão para Classe 04

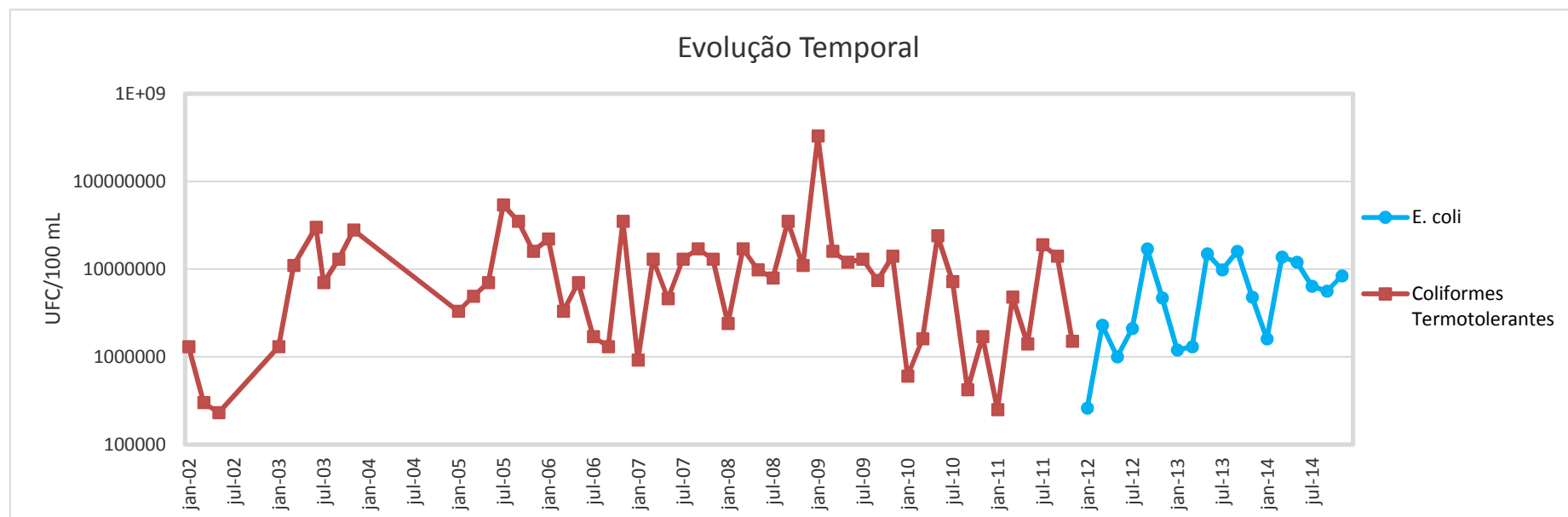
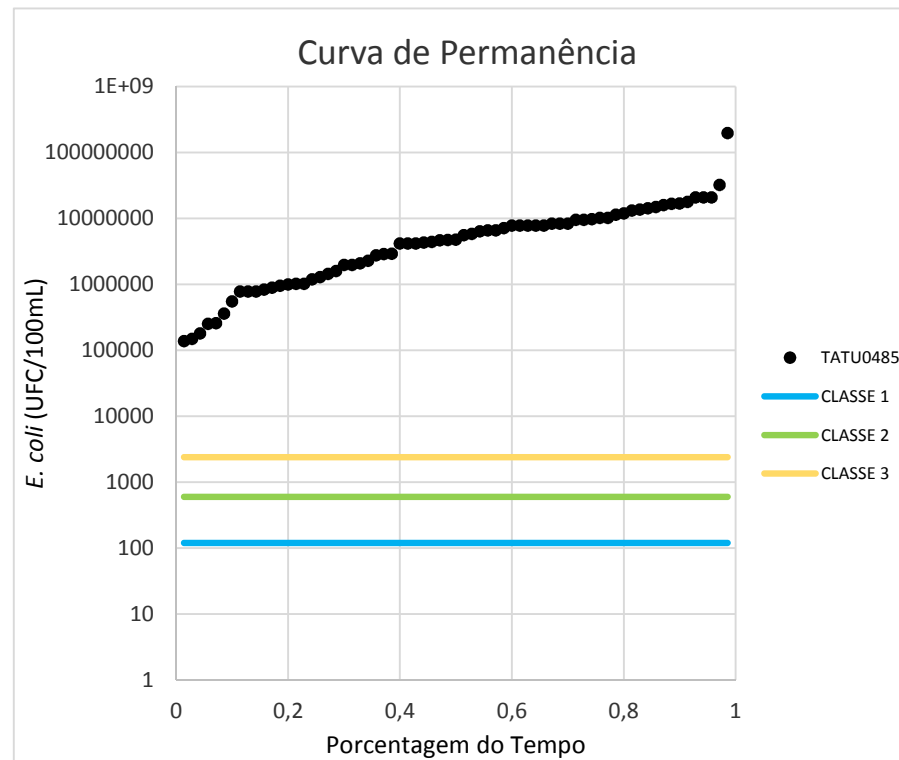


Evolução Temporal



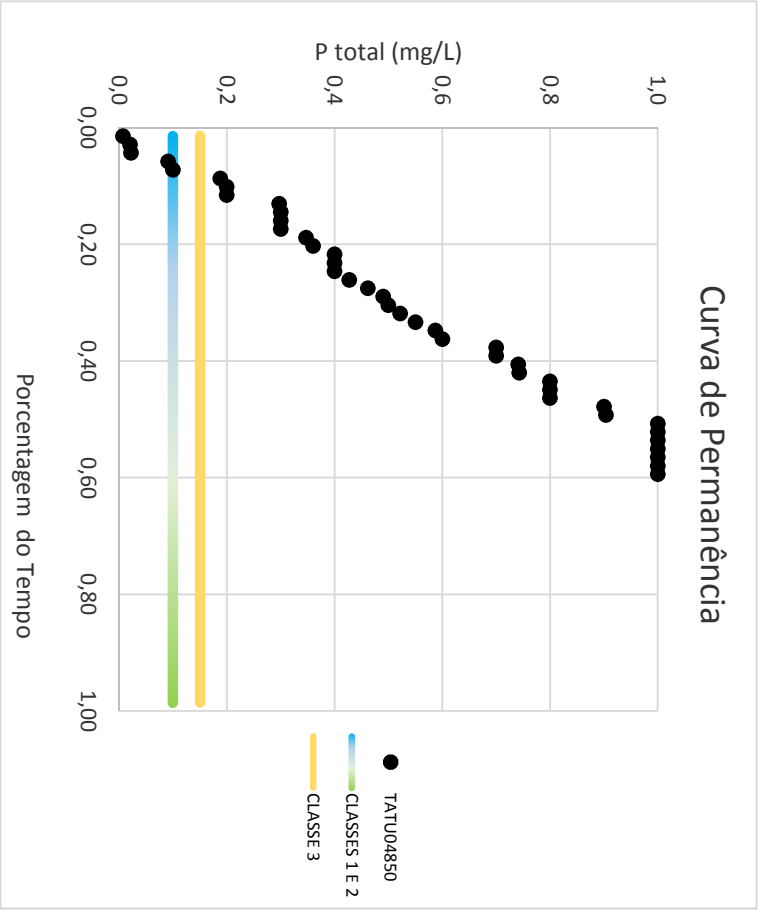
TATU 04850 – *Escherichia coli* (UFC/100mL)

Não há padrão para Classe 04

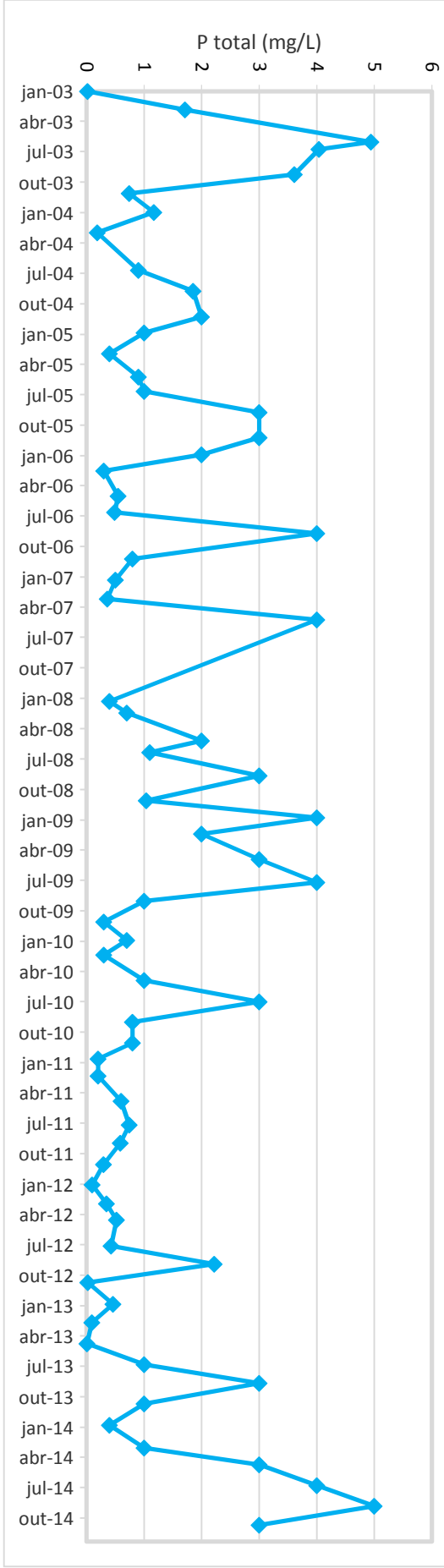


TATU 04850 – Fósforo Total (mg/L)

Não há padrão para Classe 04



Evolução Temporal

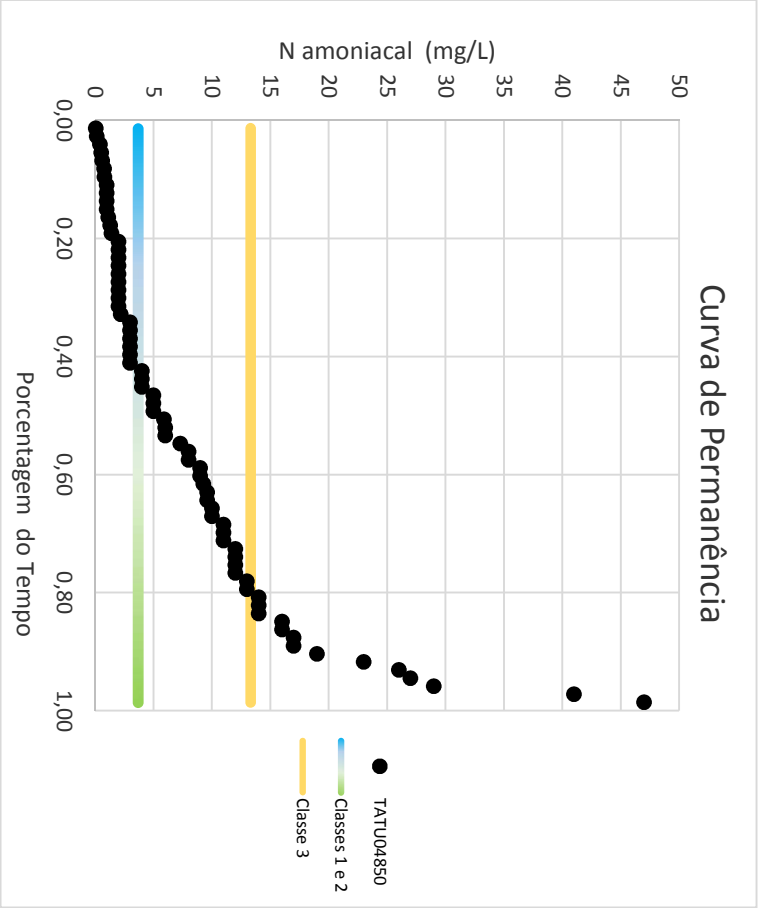


TATU 04850 – Clorofila a ($\mu\text{g/L}$)

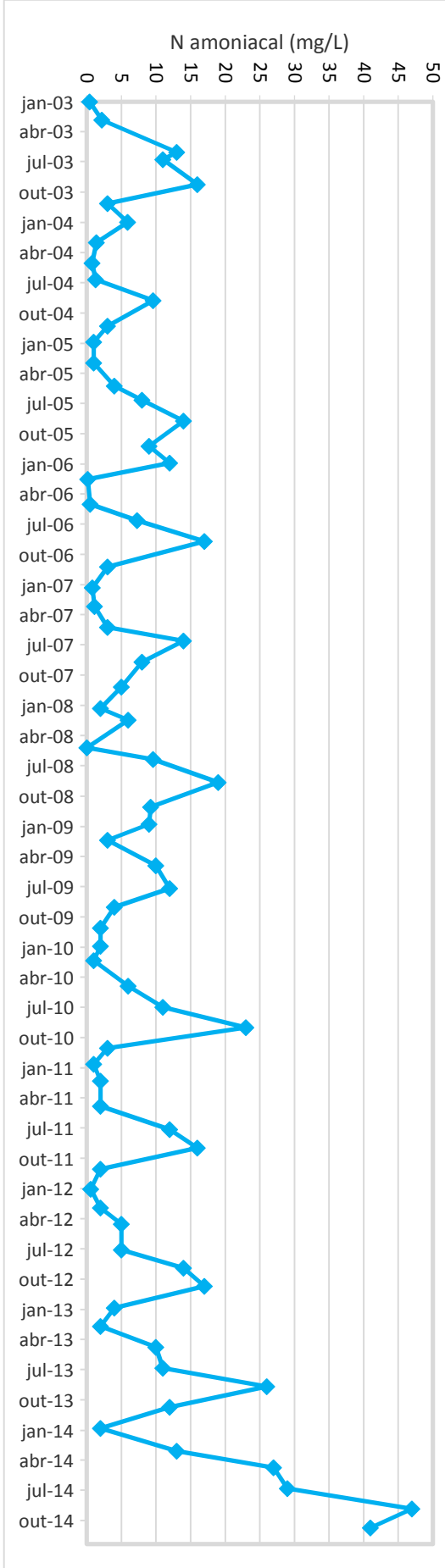
Variável não monitorada

TATU 04850 – Nitrogênio Amoniacal (mg/L)

Não há padrão para Classe 04

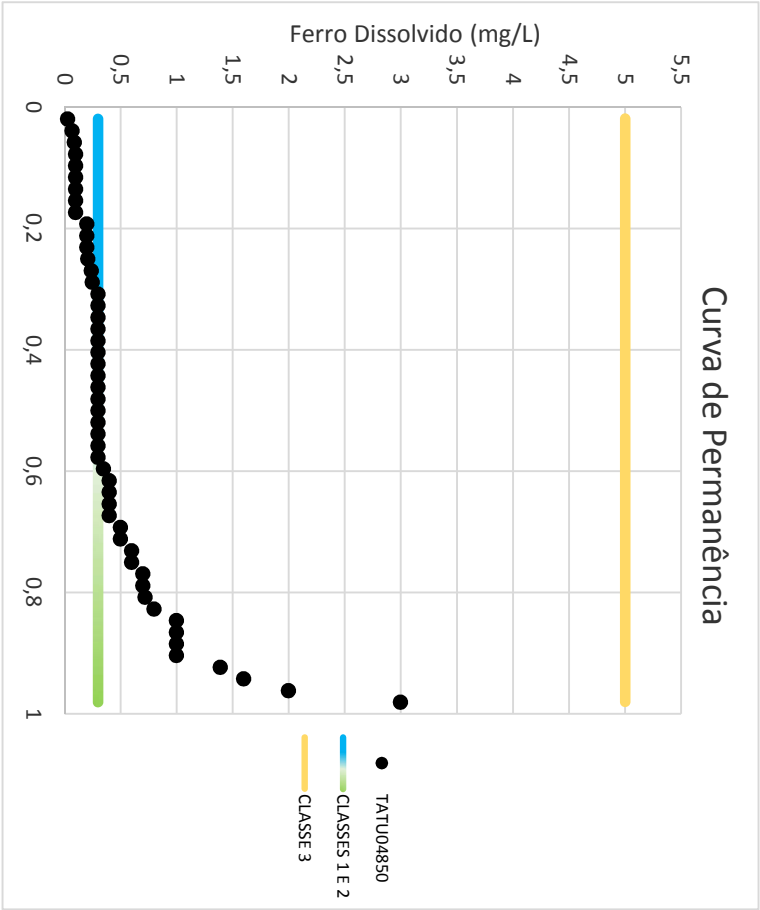


Evolução Temporal

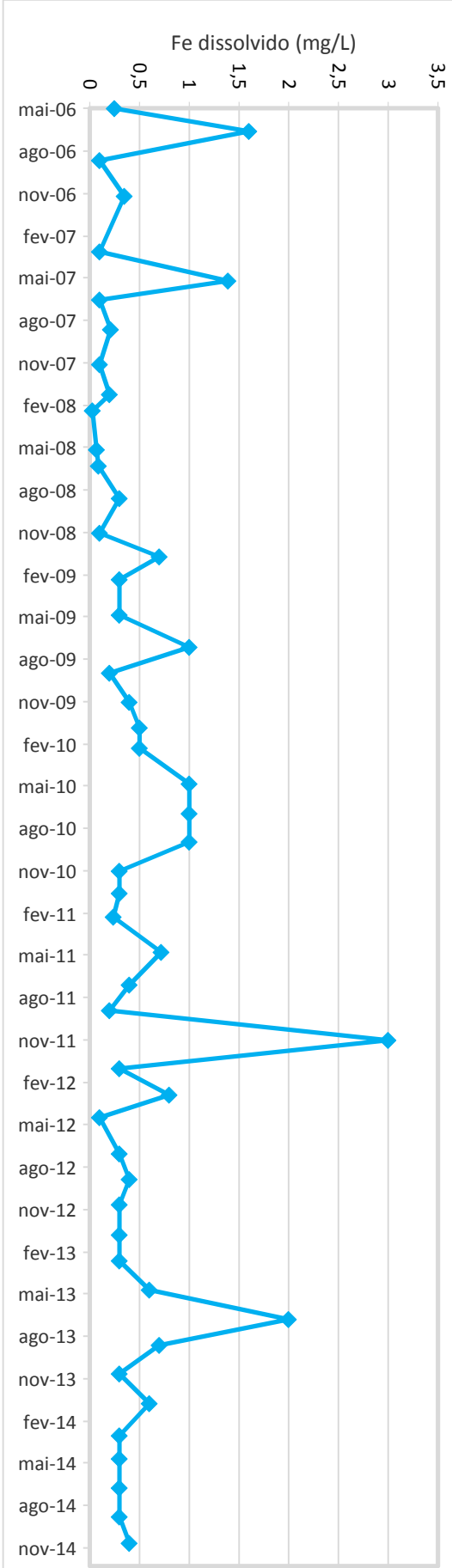


TATU 04850 – Ferro Dissolvido (mg/L)

Não há padrão para Classe 04

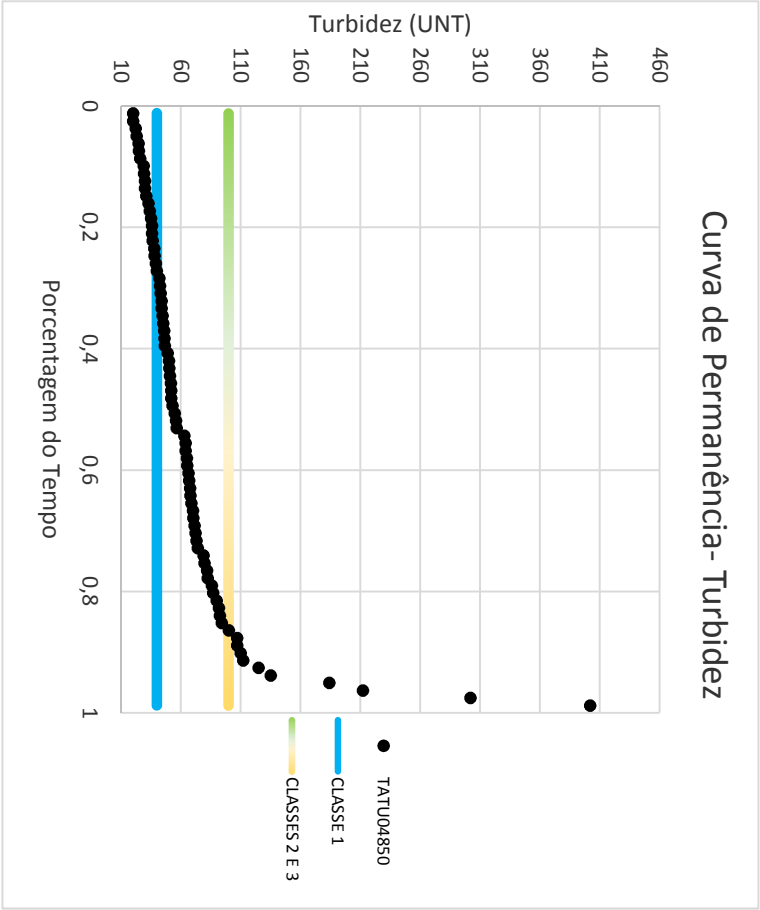


Evolução Temporal

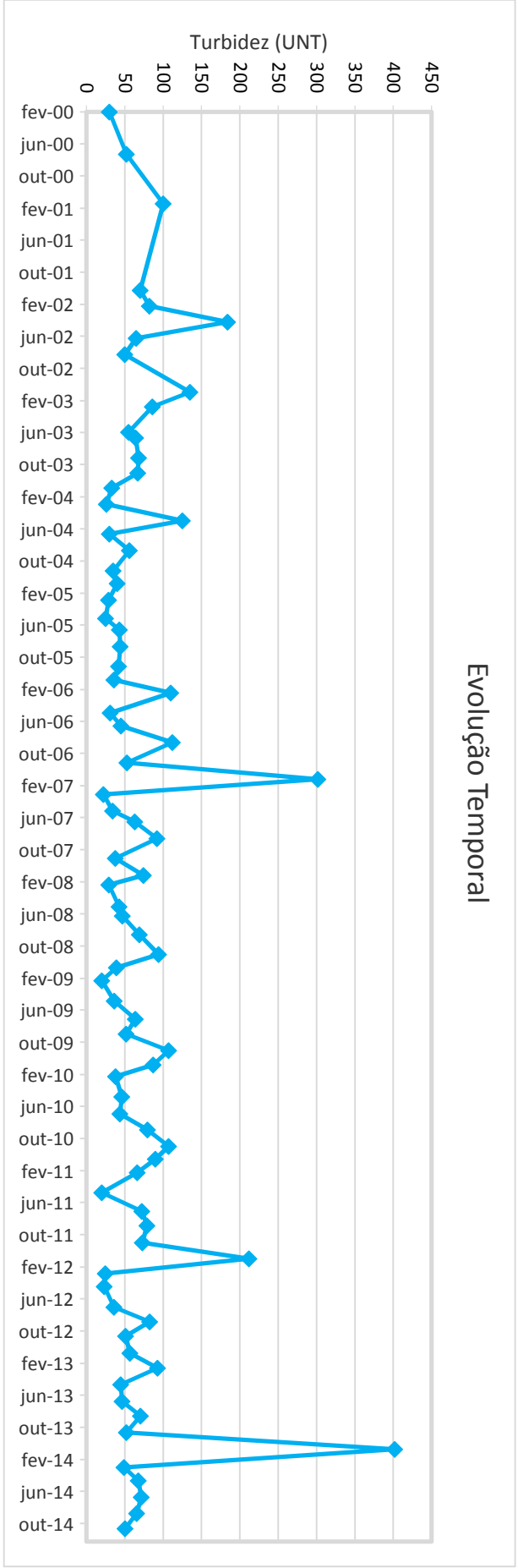


TATU 04850 – Turbidez (UNT)

Não há padrão para Classe 04

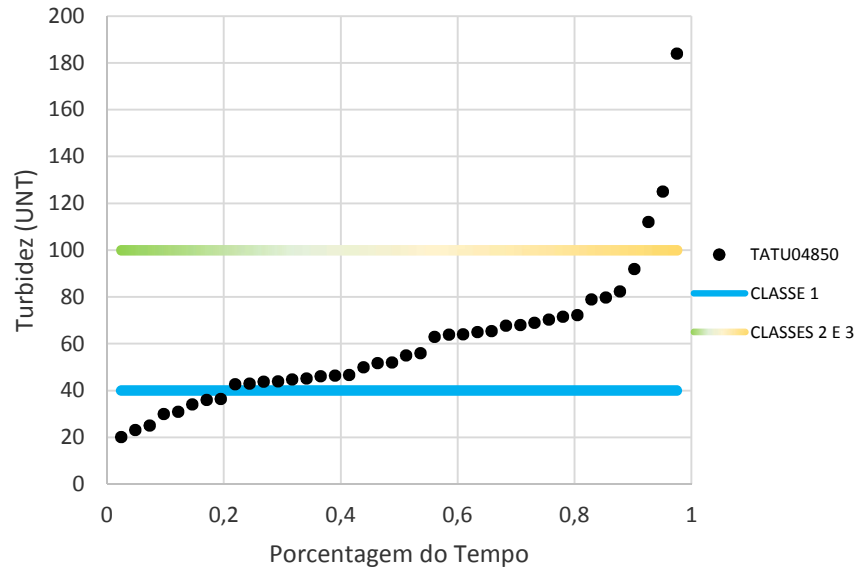


Evolução Temporal

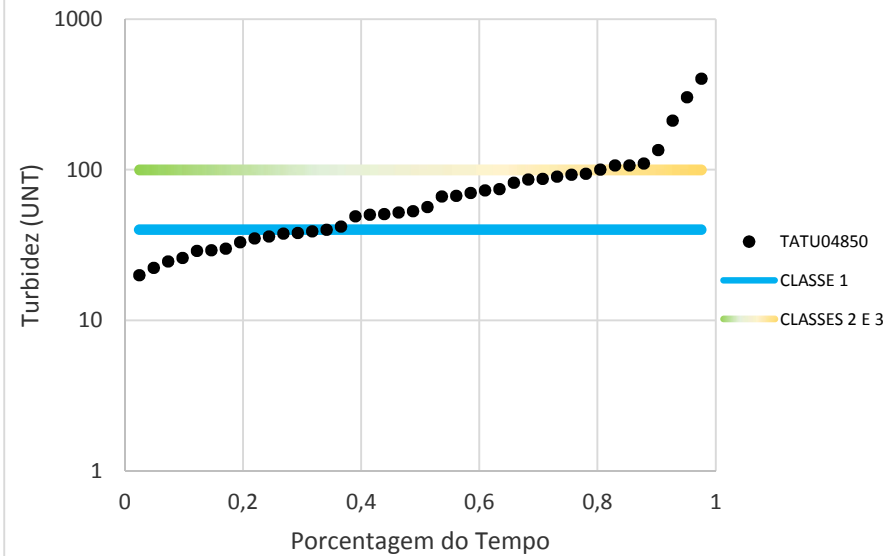


TATU 04850 – Turbidez (Período Seco x Período Chuvoso)

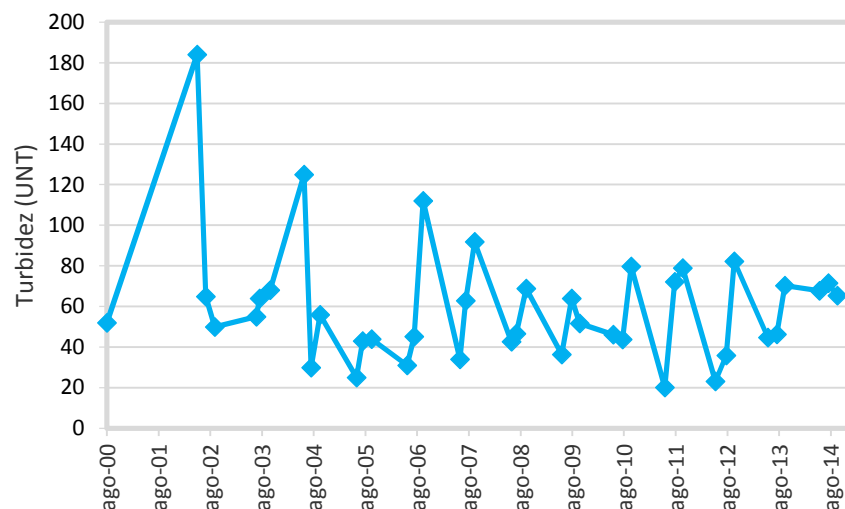
Curva de Permanência- Turbidez
Período Seco



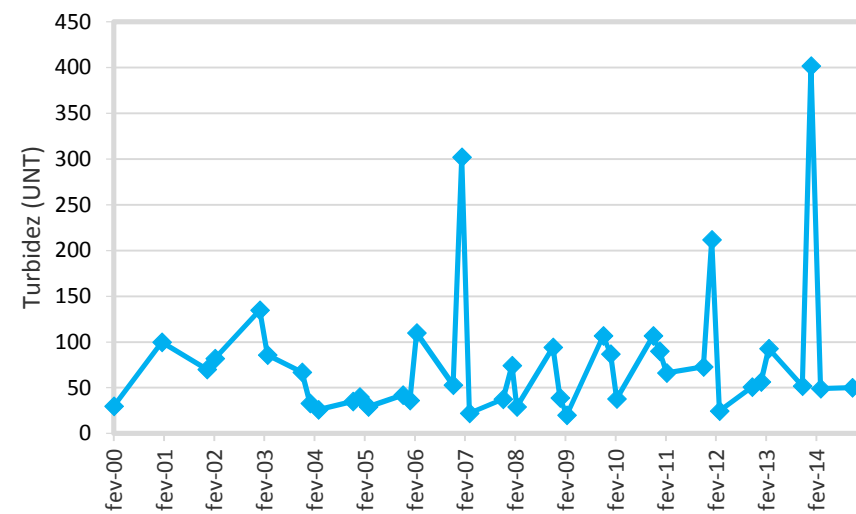
Curva de Permanência- Turbidez
Período Chuvoso



Evolução Temporal - Período Seco



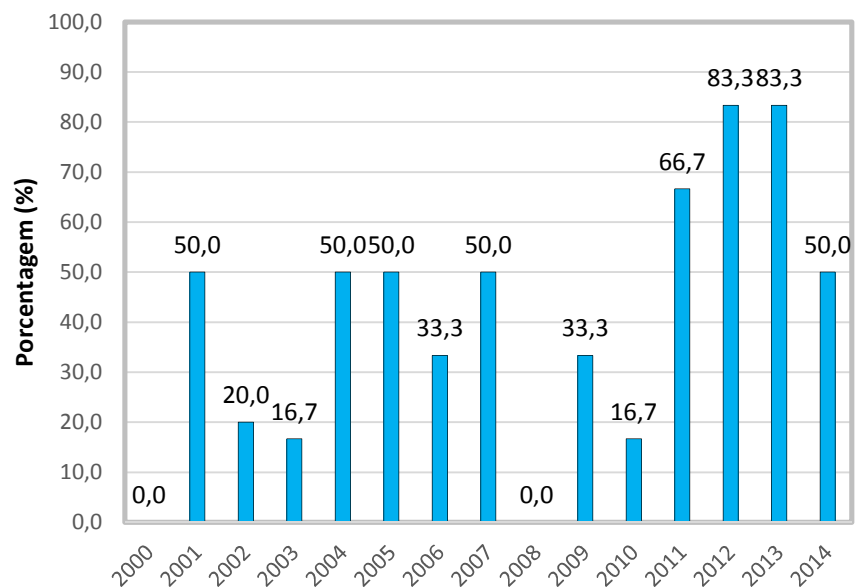
Evolução Temporal - Período Chuvoso



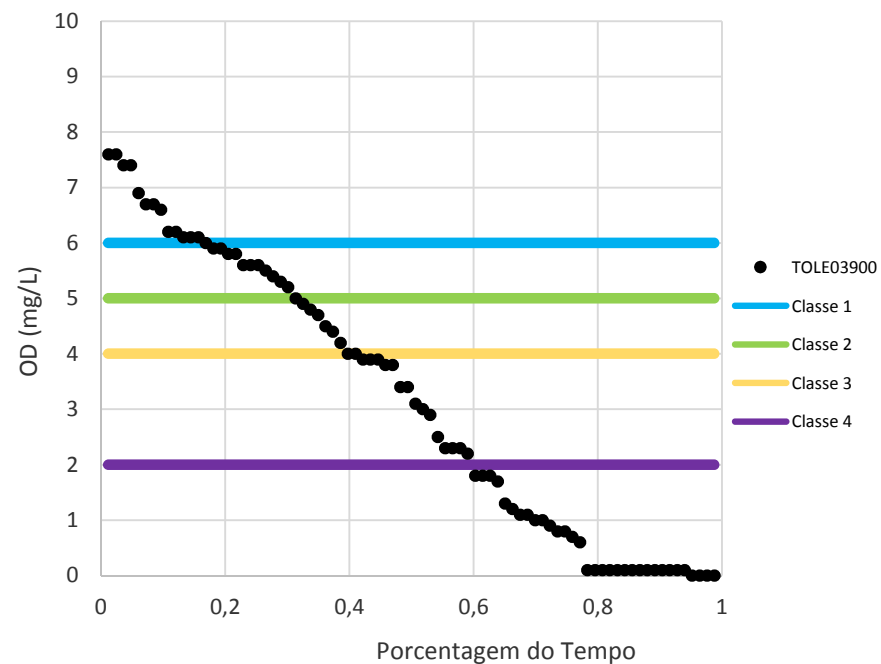
Ribeirão Toledos
TOLE 03900

TOLE 03900 – Oxigênio Dissolvido (mg/L)

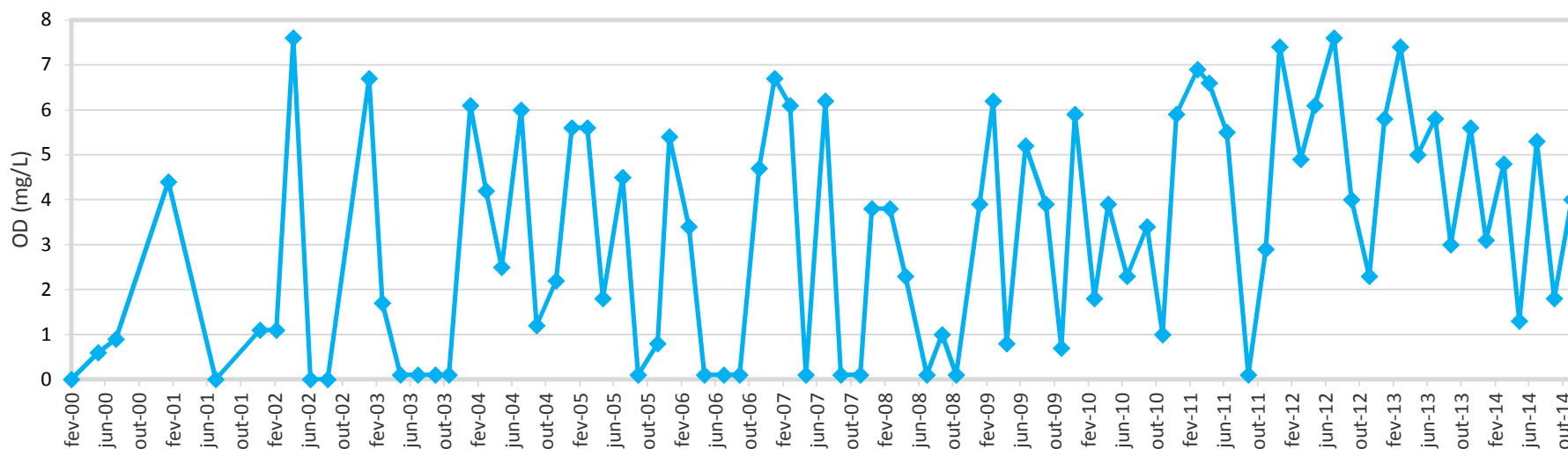
Porcentagem de Atendimento ao Padrão Classe 3 - OD



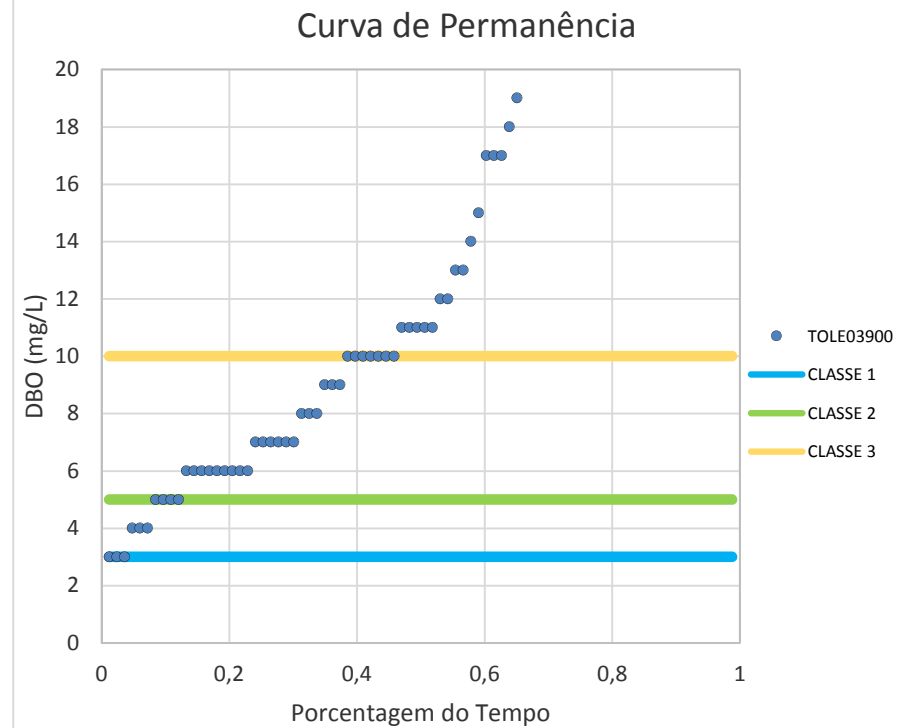
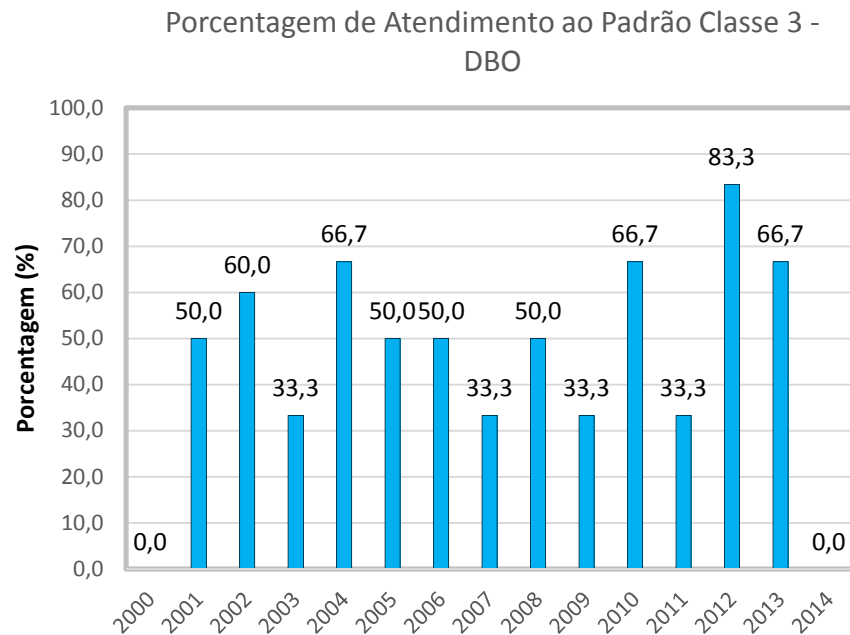
Curva de Permanência



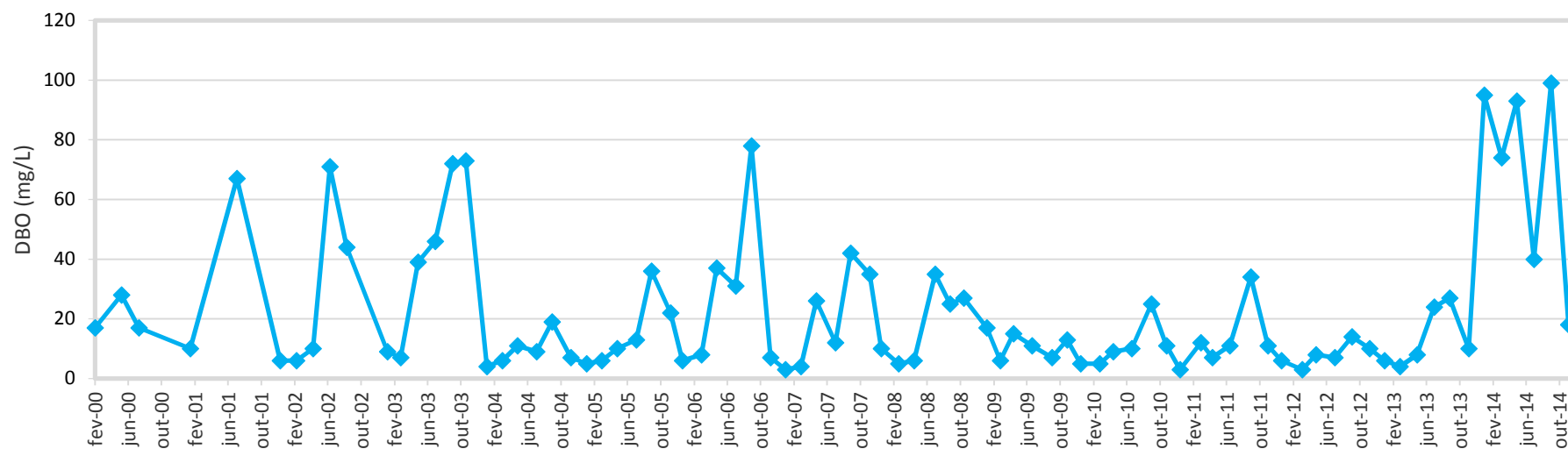
Evolução Temporal



TOLE 03900 – DBO (mg/L)

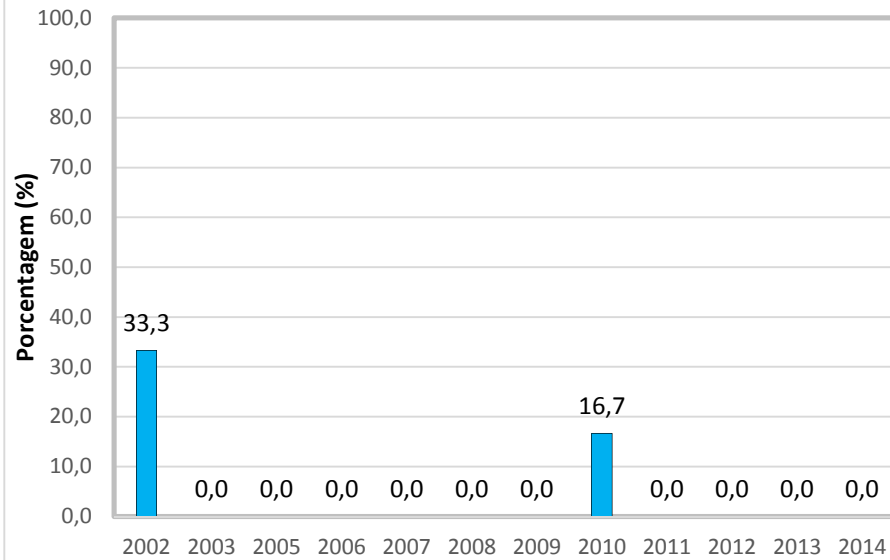


Evolução Temporal

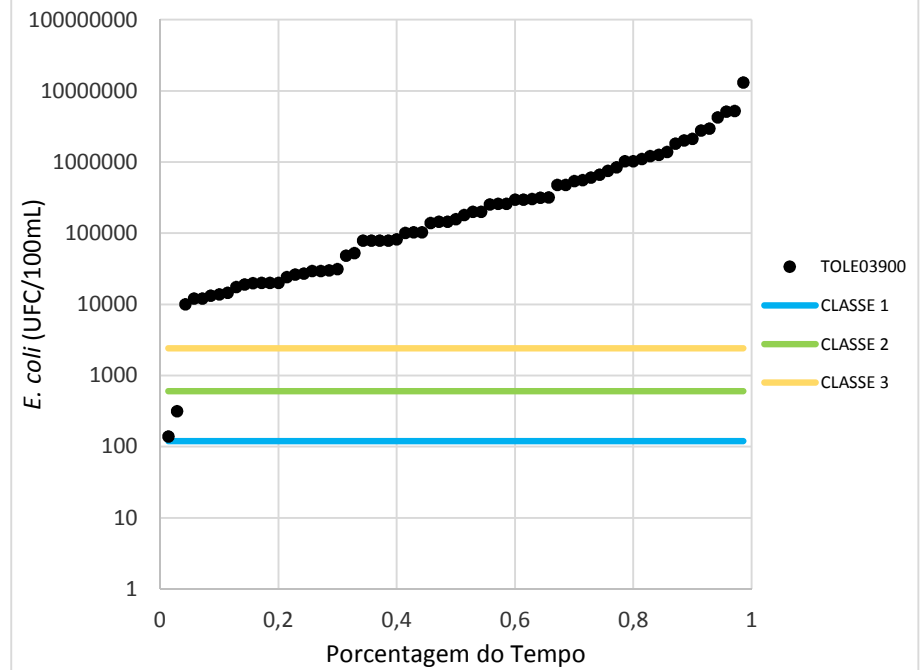


TOLE 03900 – *Escherichia coli* (UFC/100mL)

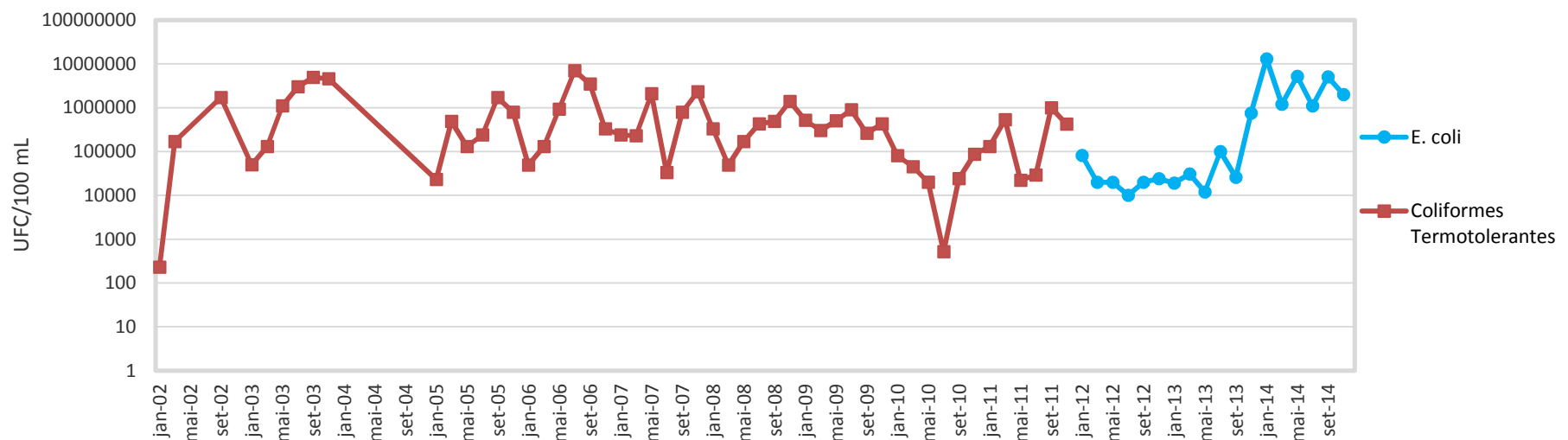
Porcentagem de Atendimento ao Padrão Classe 3 -
Colif. Term. e *E. coli*



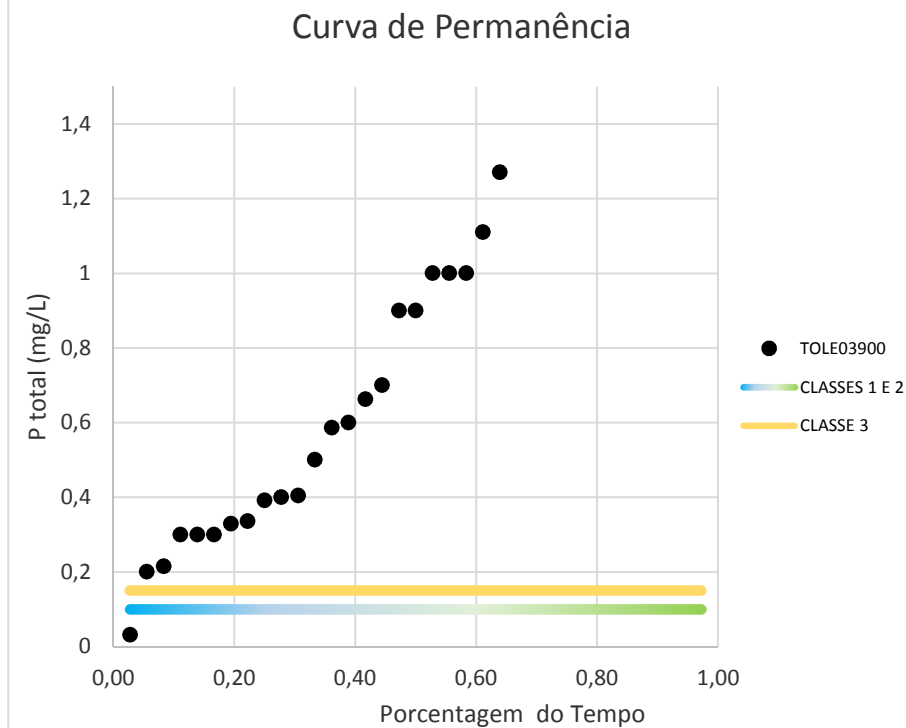
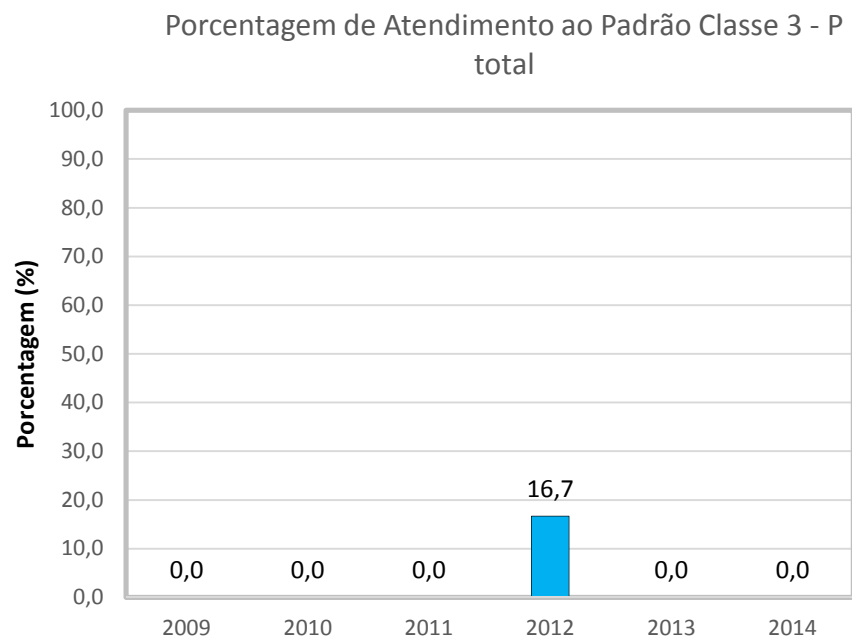
Curva de Permanência



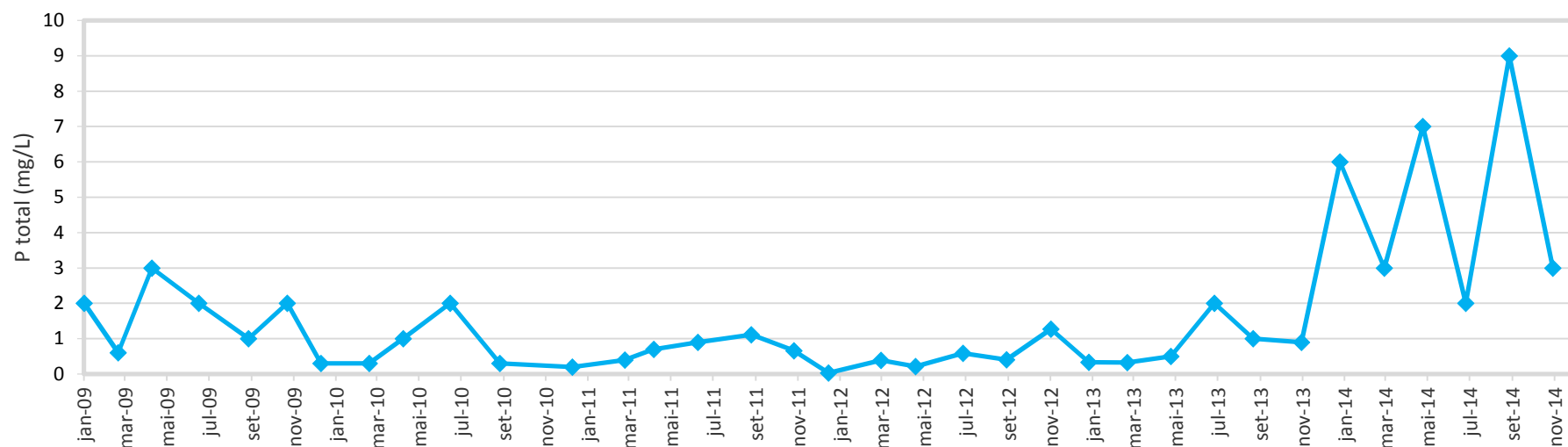
Evolução Temporal



TOLE 03900 – Fósforo Total (mg/L)

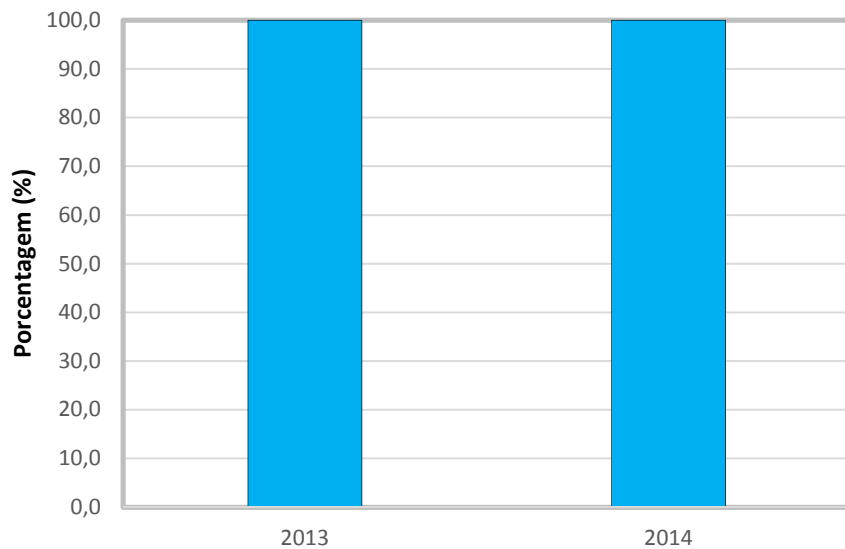


Evolução Temporal

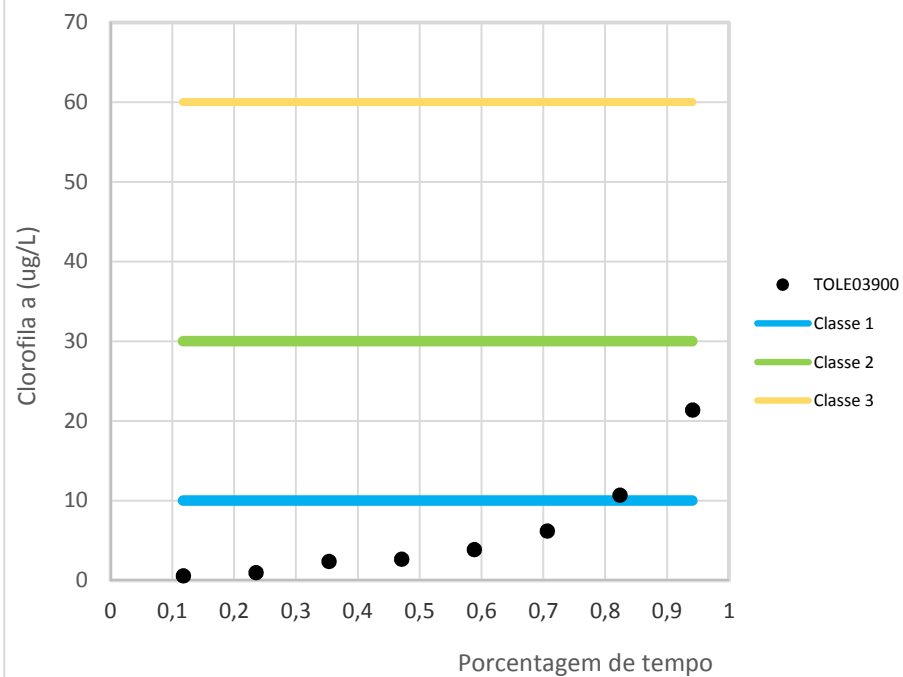


TOLE 03900 – Clorofila a (µg/L)

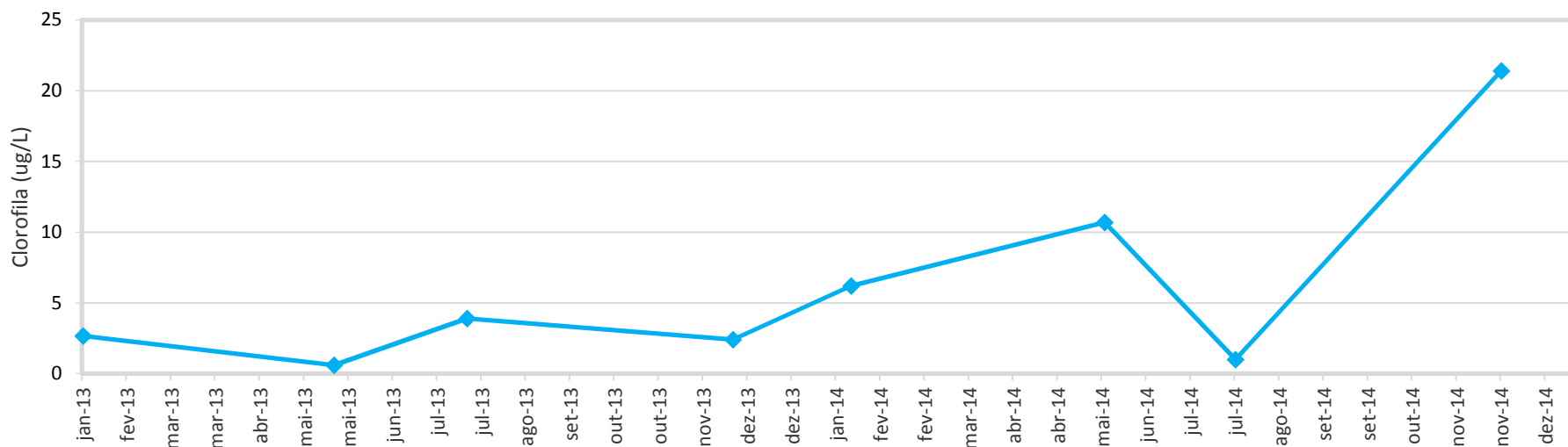
Porcentagem de Atendimento ao Padrão Classe 3 - Clorofila



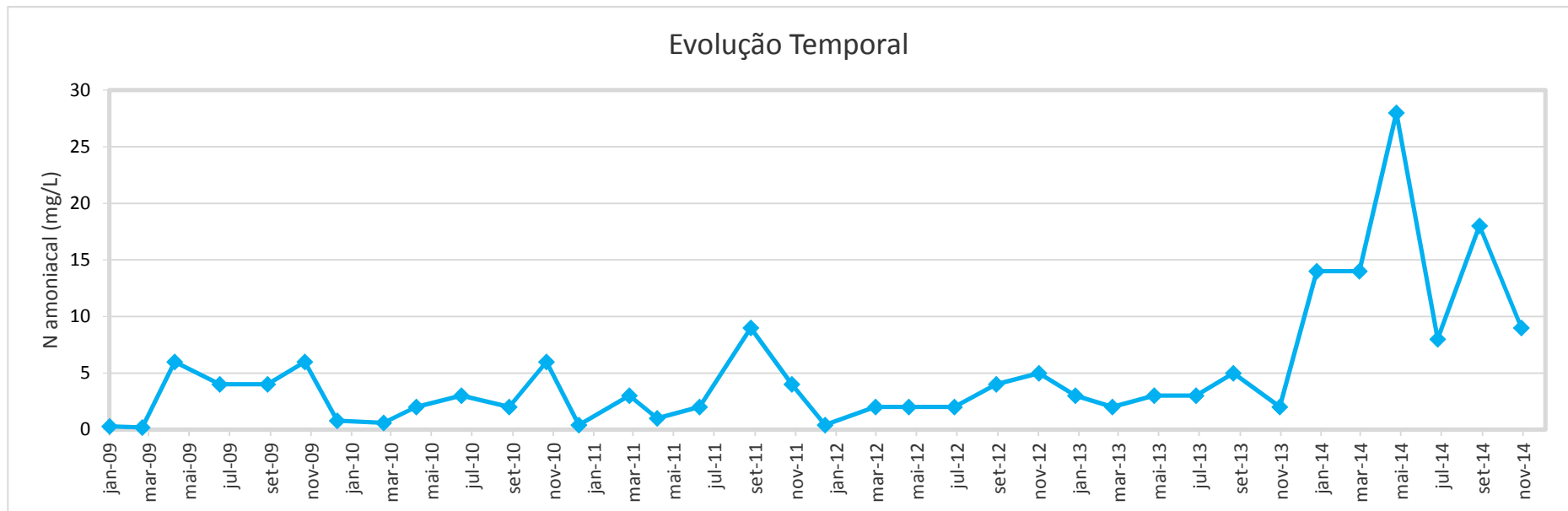
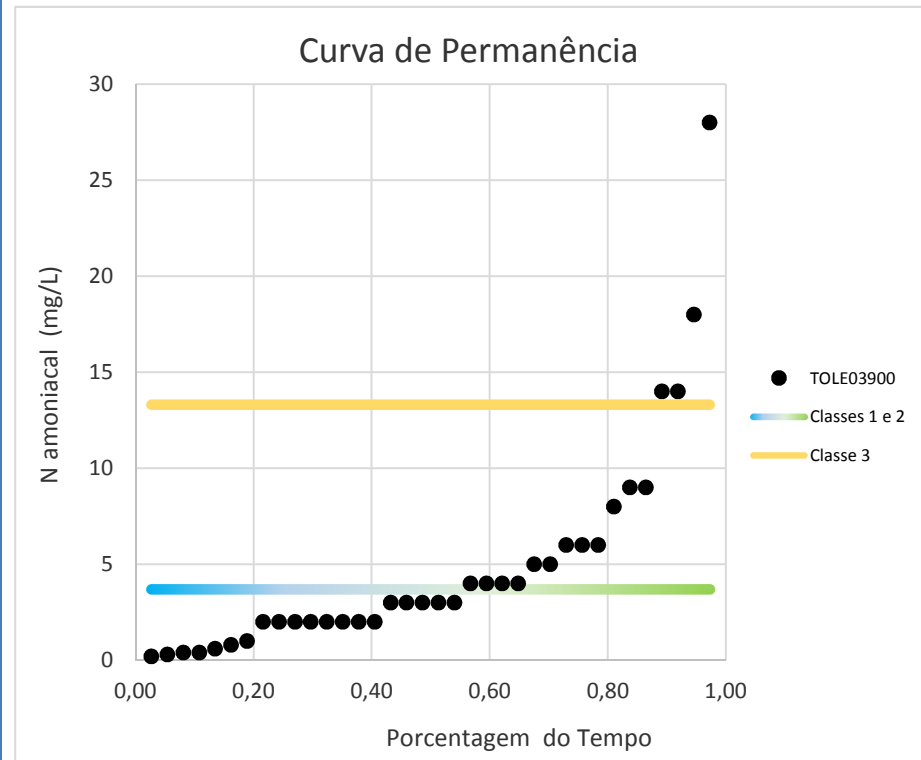
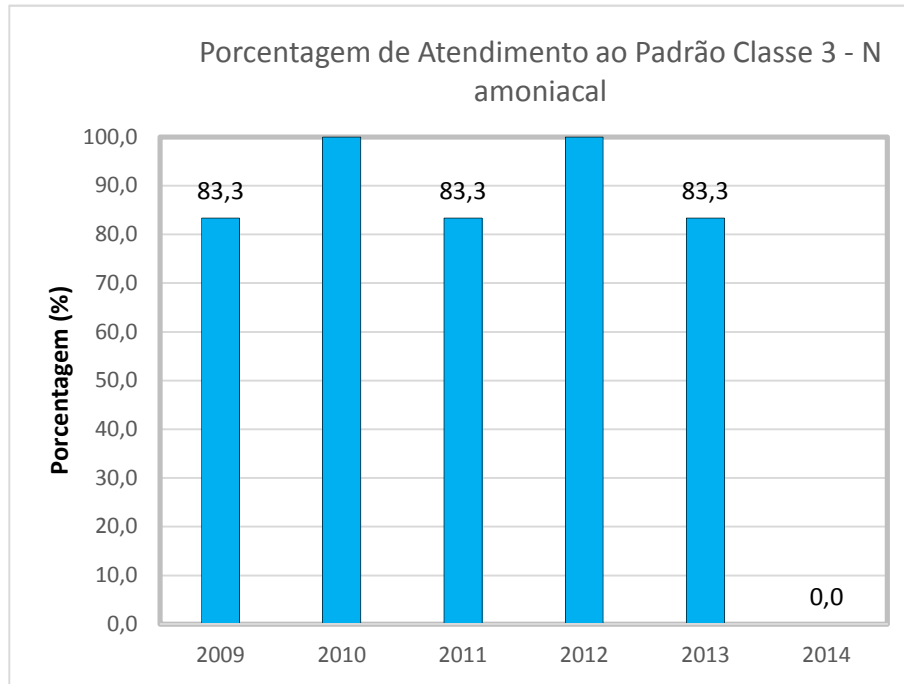
Curva de Permanência



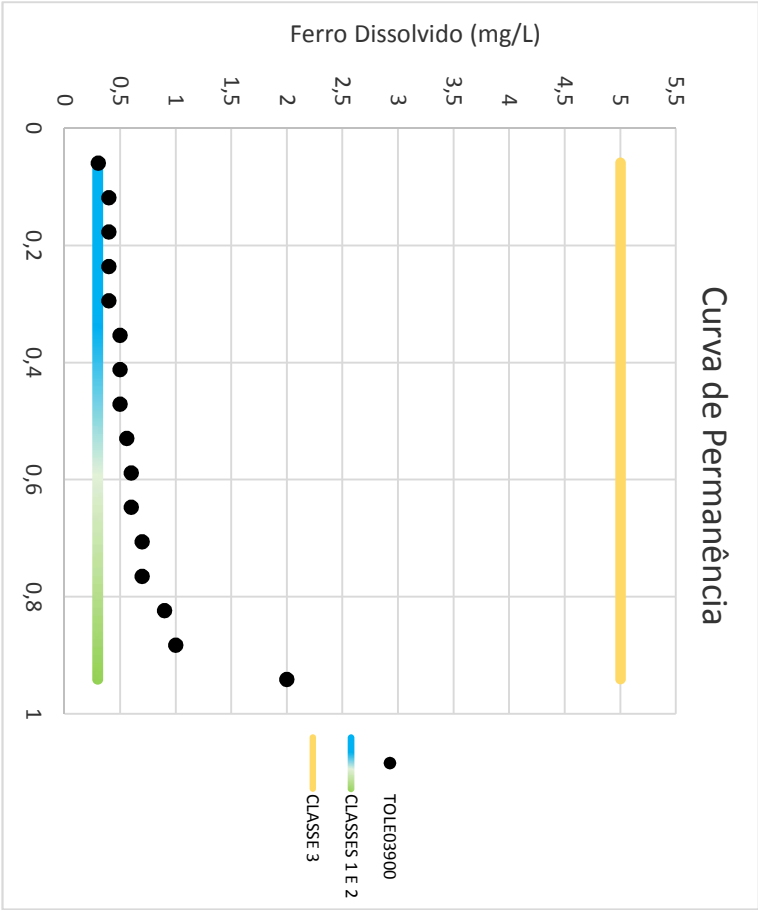
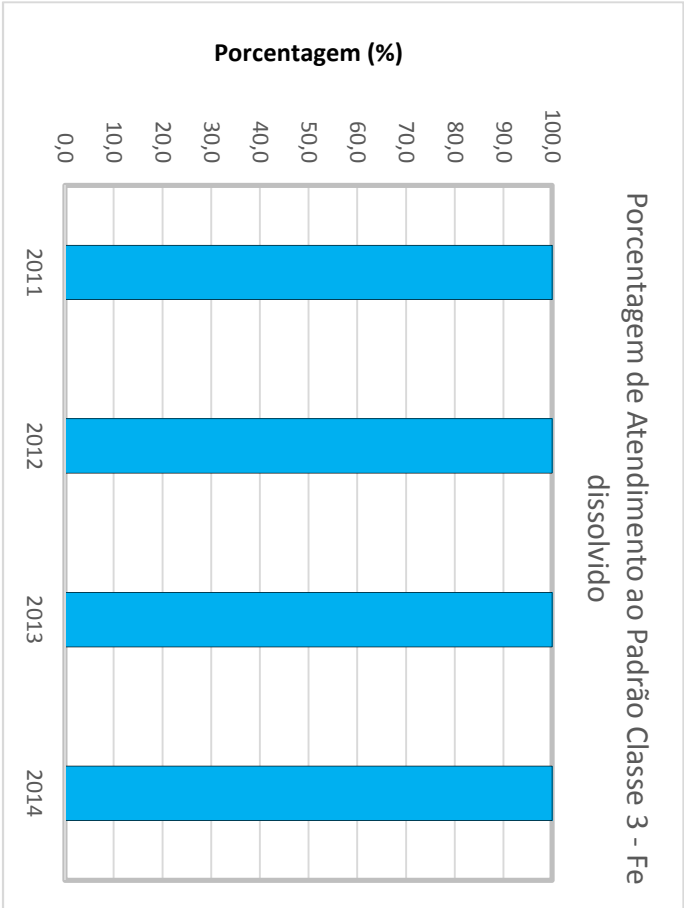
Evolução Temporal



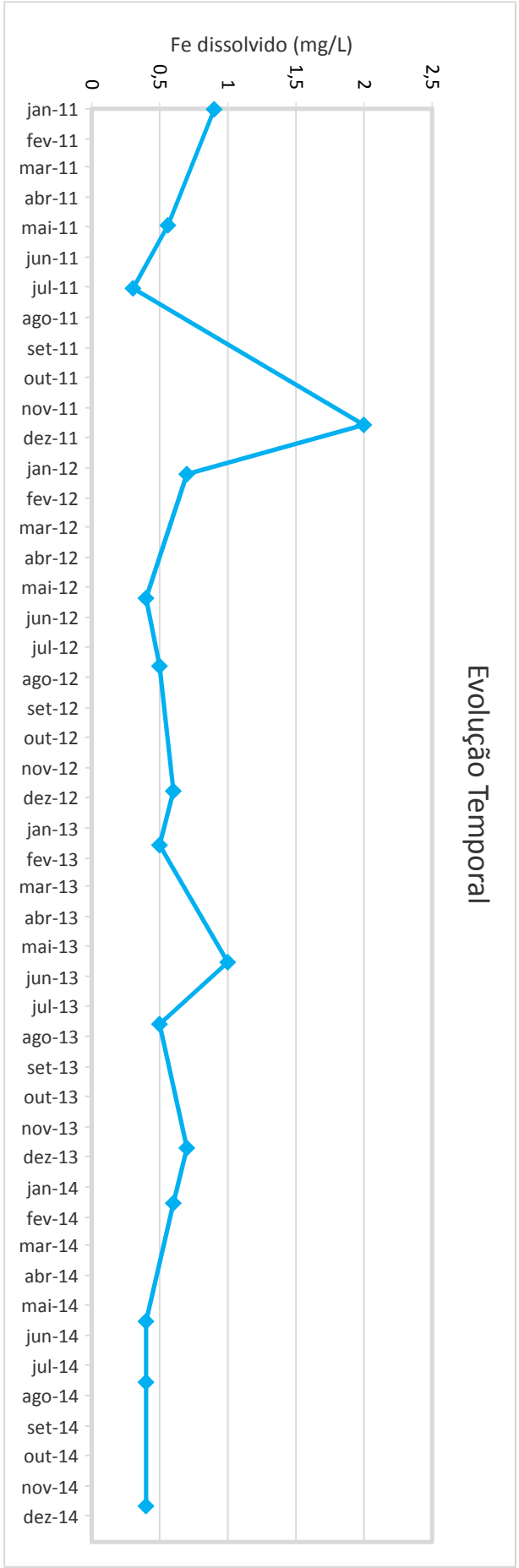
TOLE 03900 – Nitrogênio Amoniacal (mg/L)



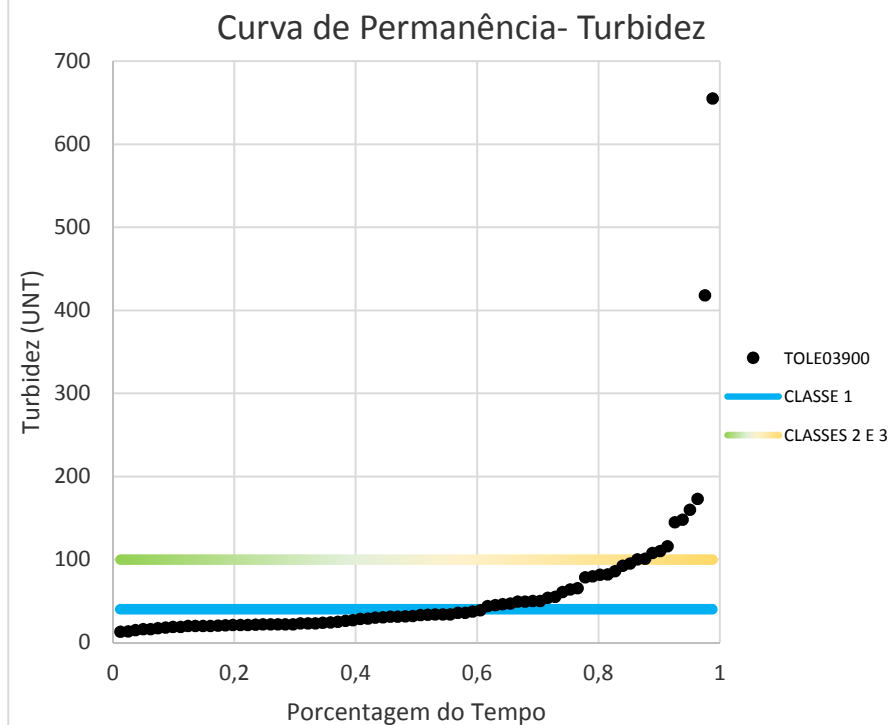
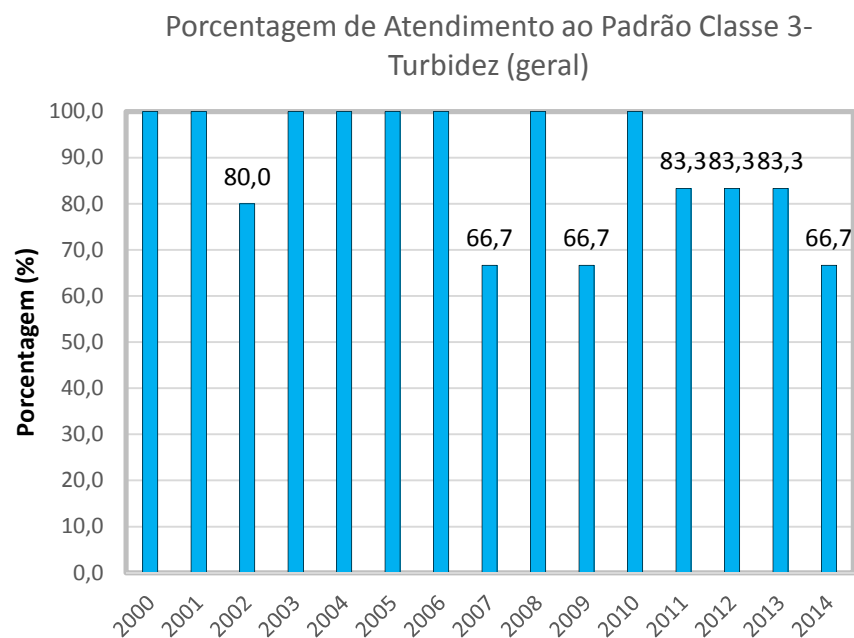
TOLE 03900 – Ferro Dissolvido (mg/L)



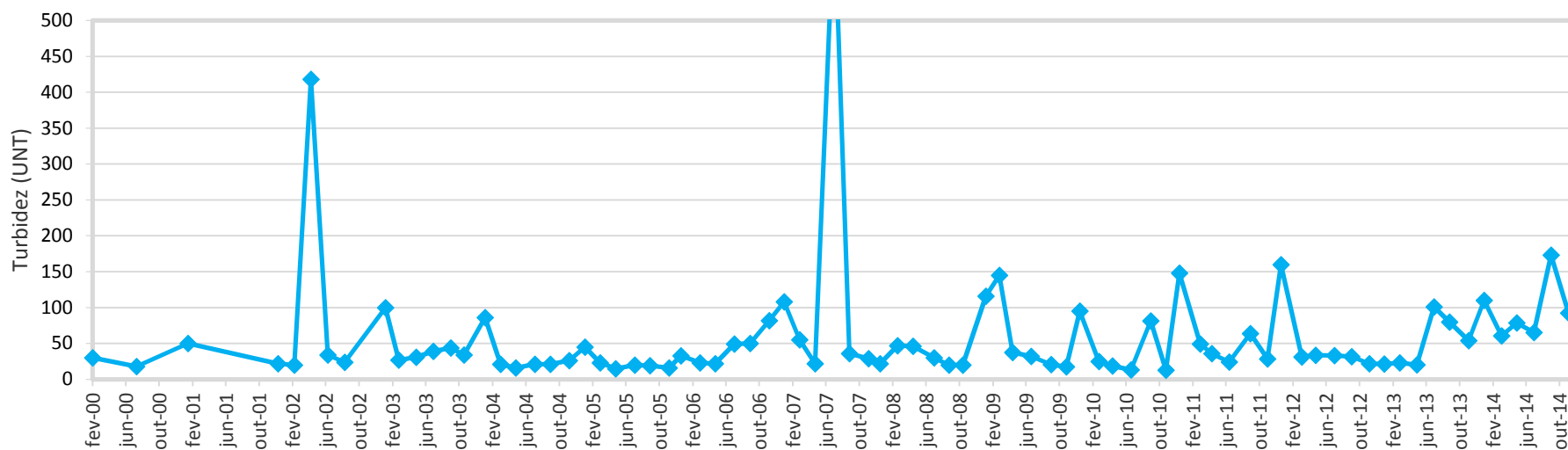
Evolução Temporal



TOLE 03900 – Turbidez (UNT)

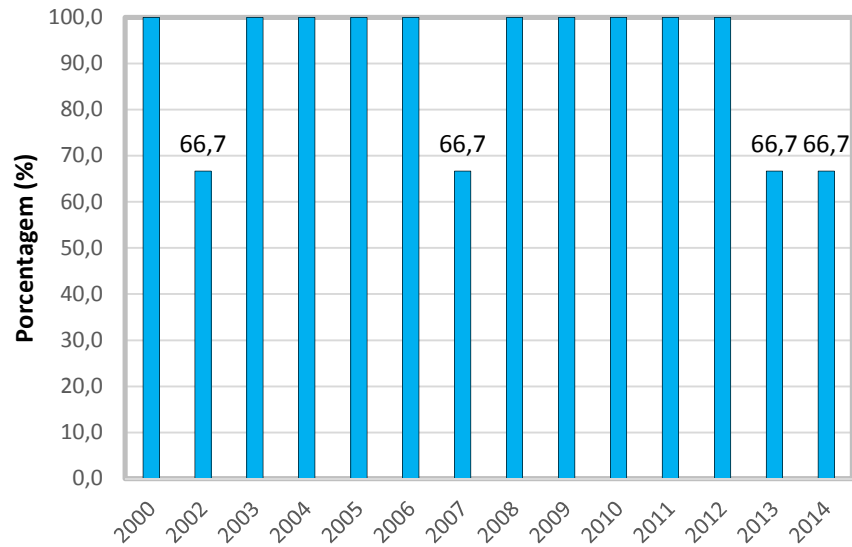


Evolução Temporal

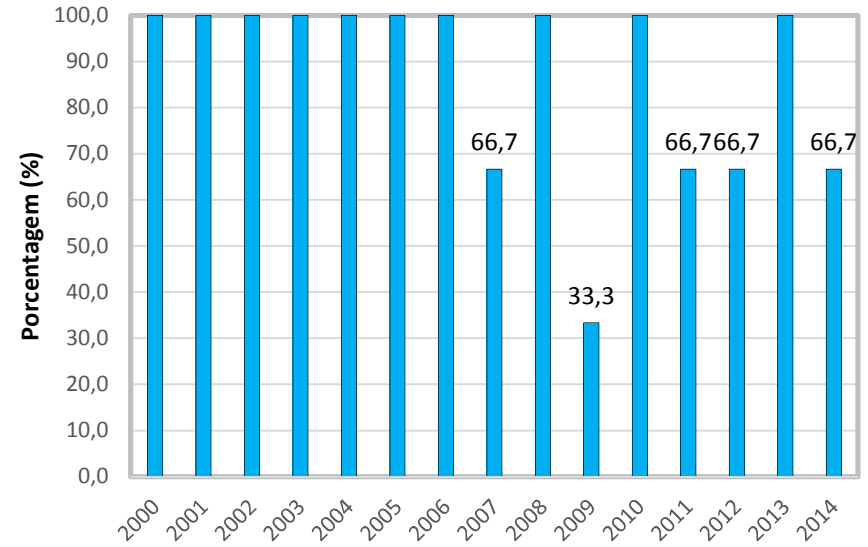


TOLE 03900 – Turbidez (Período Seco x Período Chuvoso)

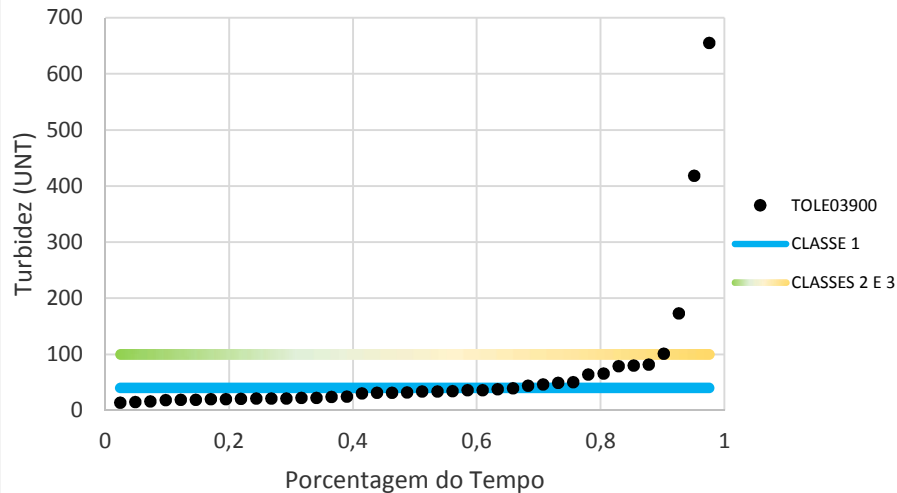
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (seco)



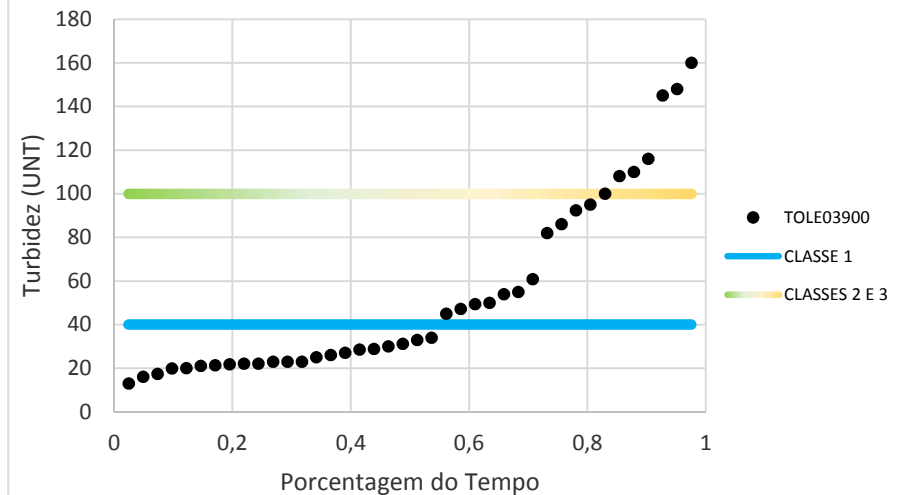
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (chuvoso)



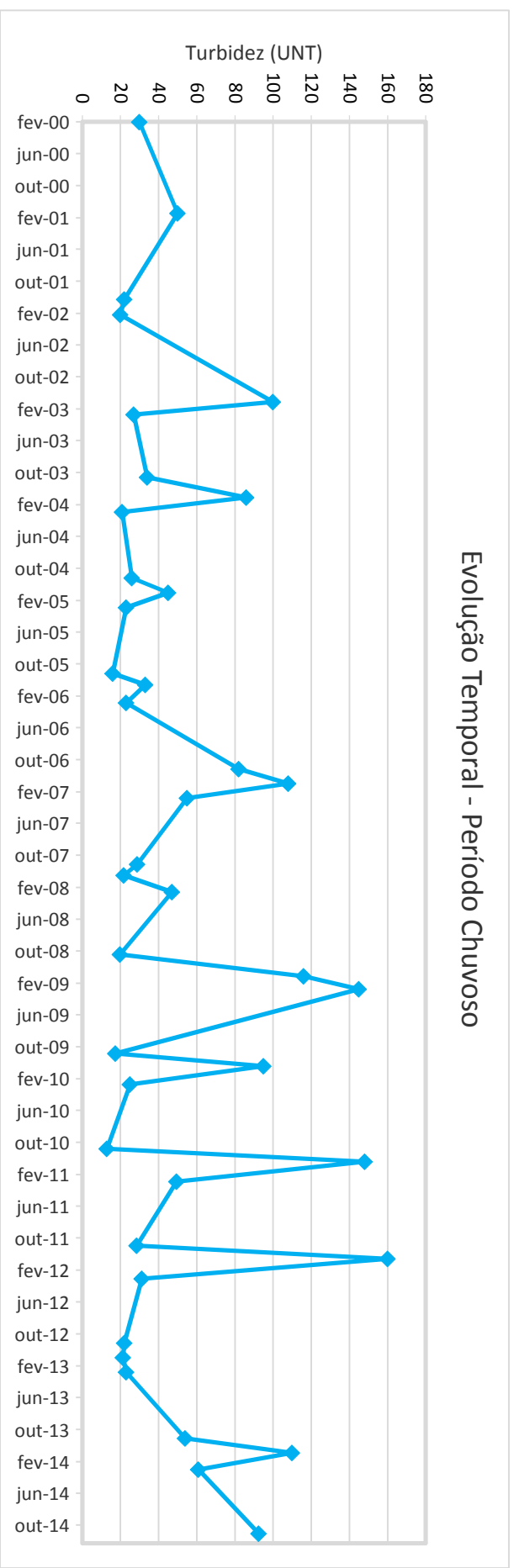
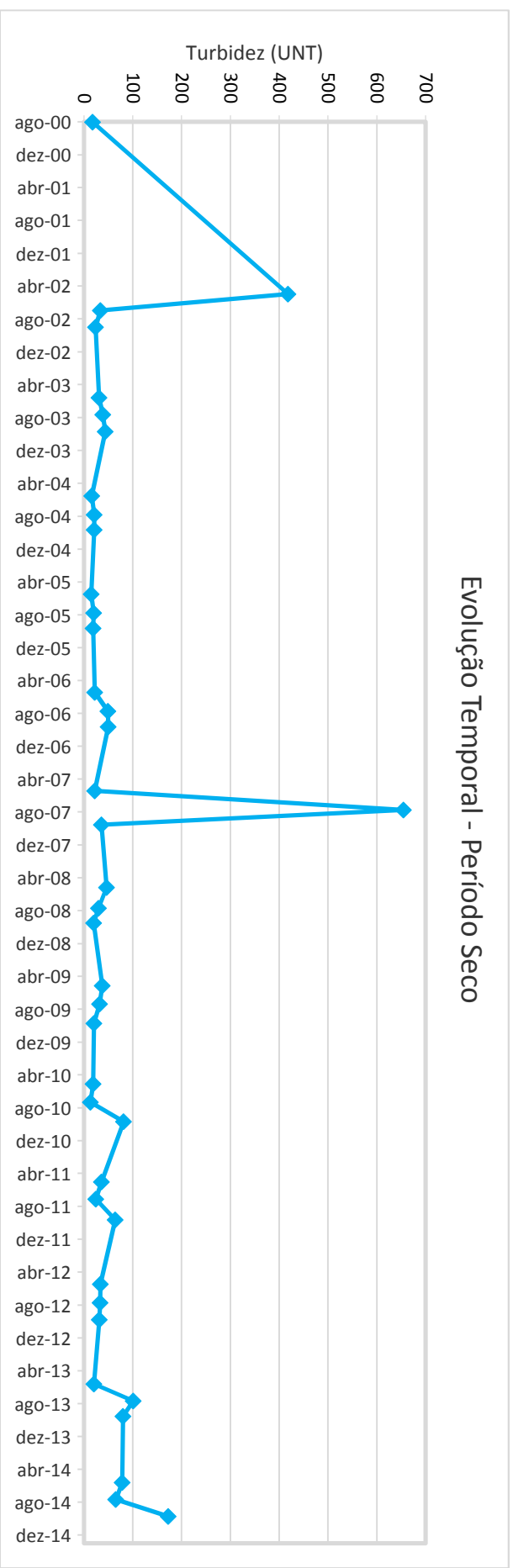
Curva de Permanência- Turbidez
Período Seco



Curva de Permanência- Turbidez
Período Chuvoso

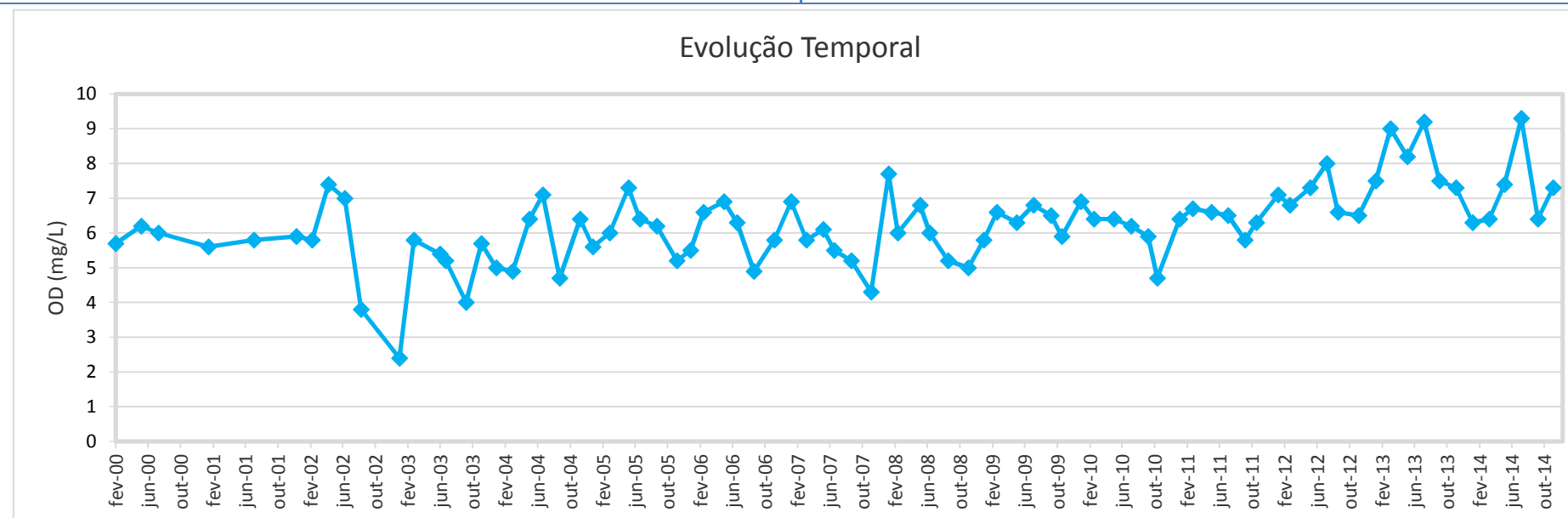
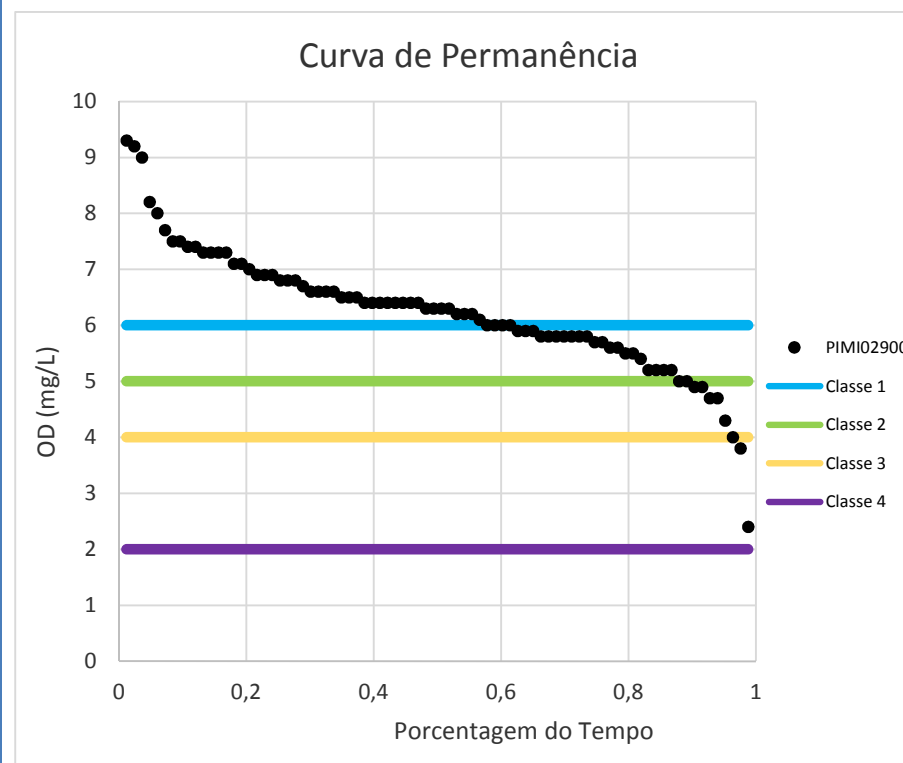
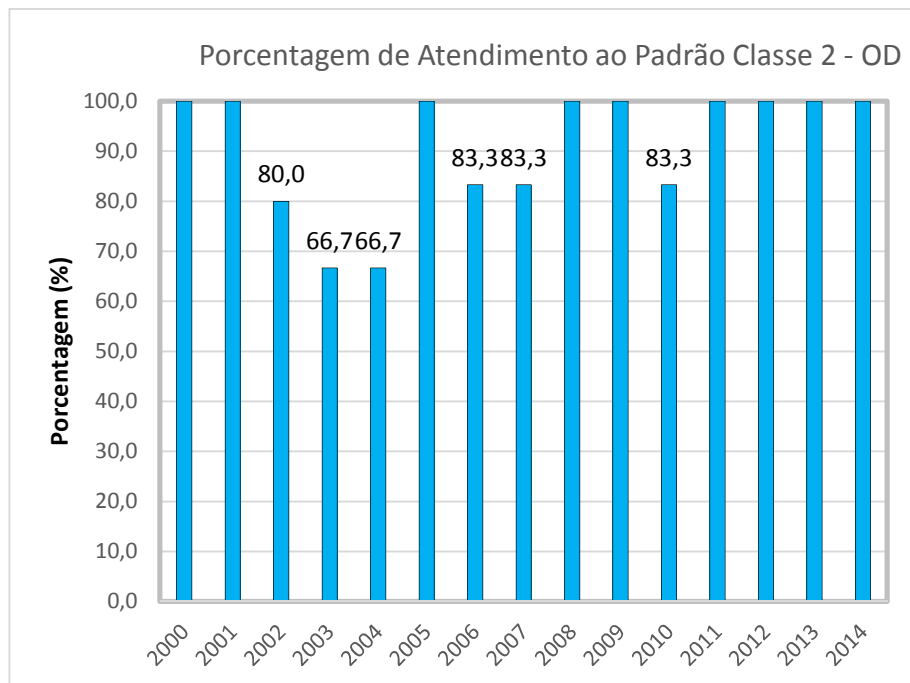


TOLE 03900 – Turbidez (Período Seco x Período Chuvoso)

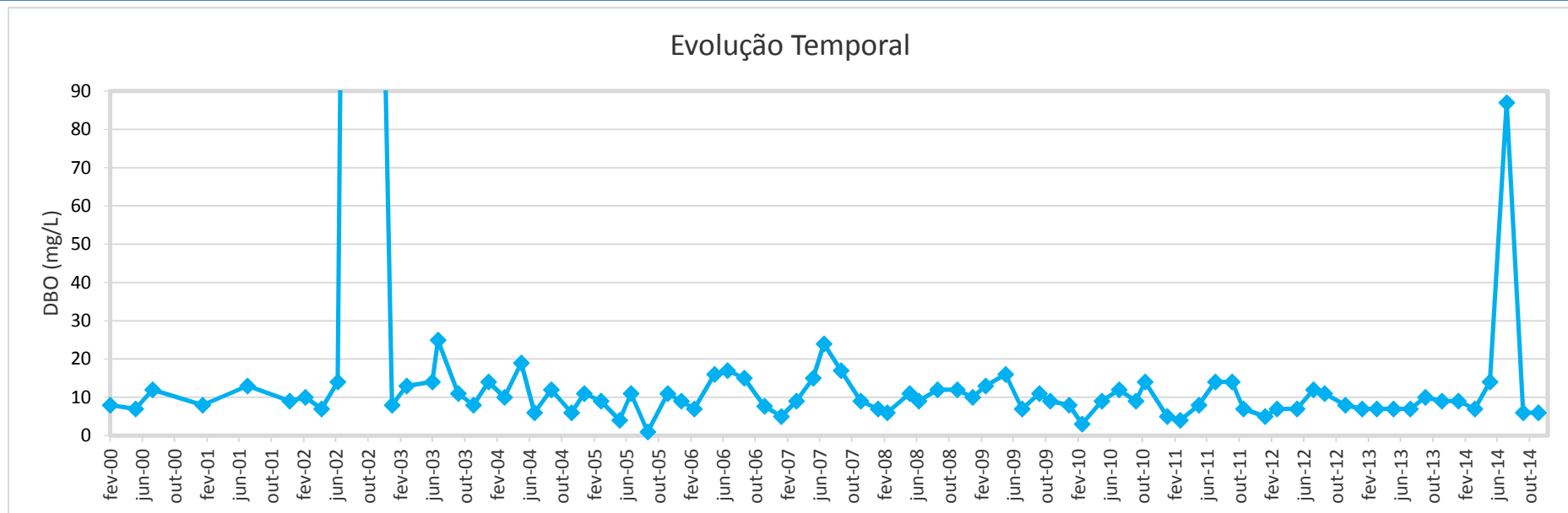
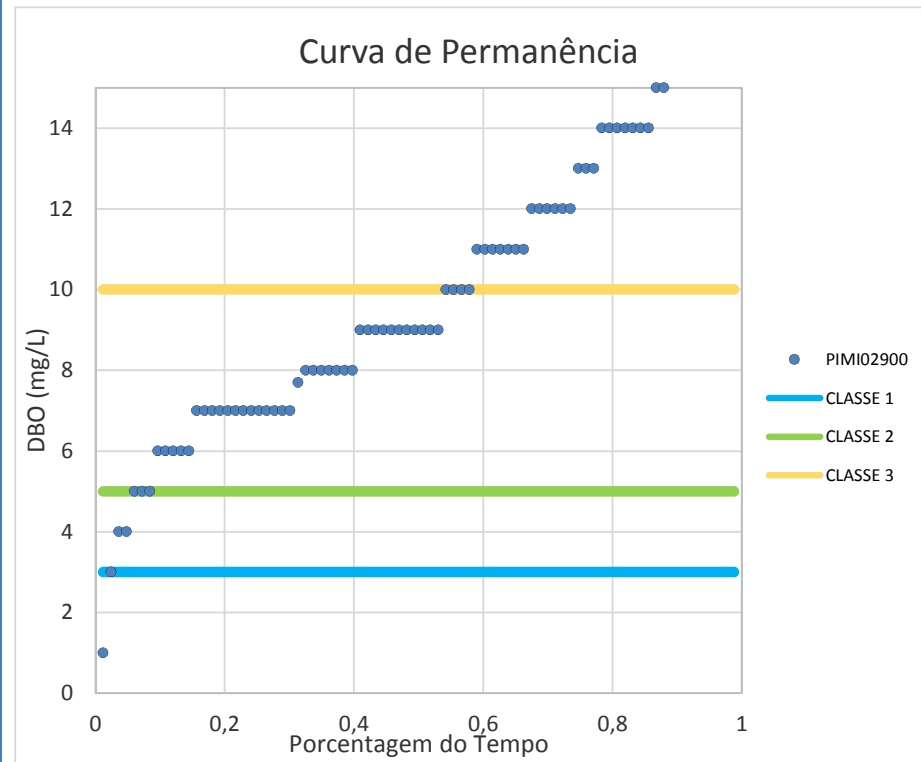
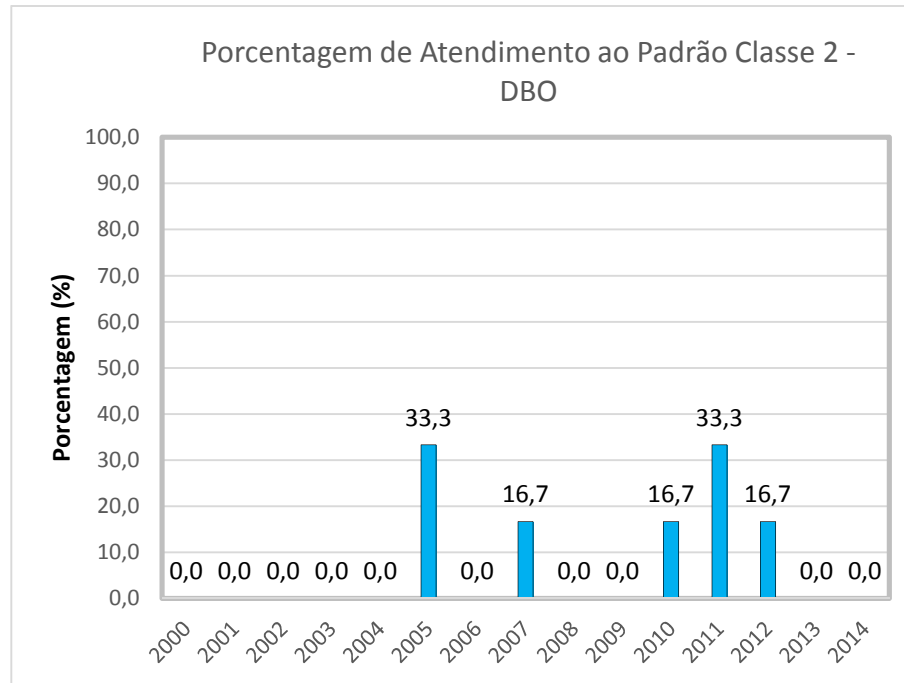


Rio Piracicamirim
PIMI 02900

PIMI 02900 – Oxigênio Dissolvido (mg/L)

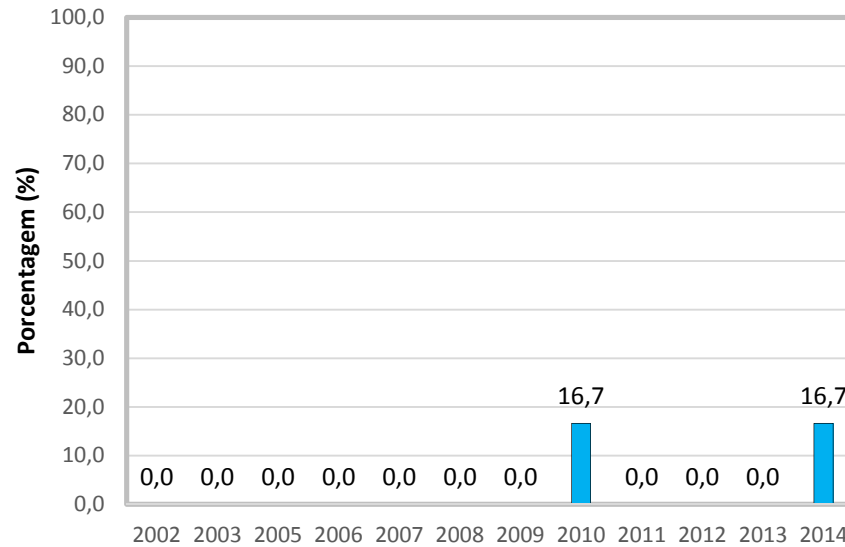


PIMI 02900 – DBO (mg/L)

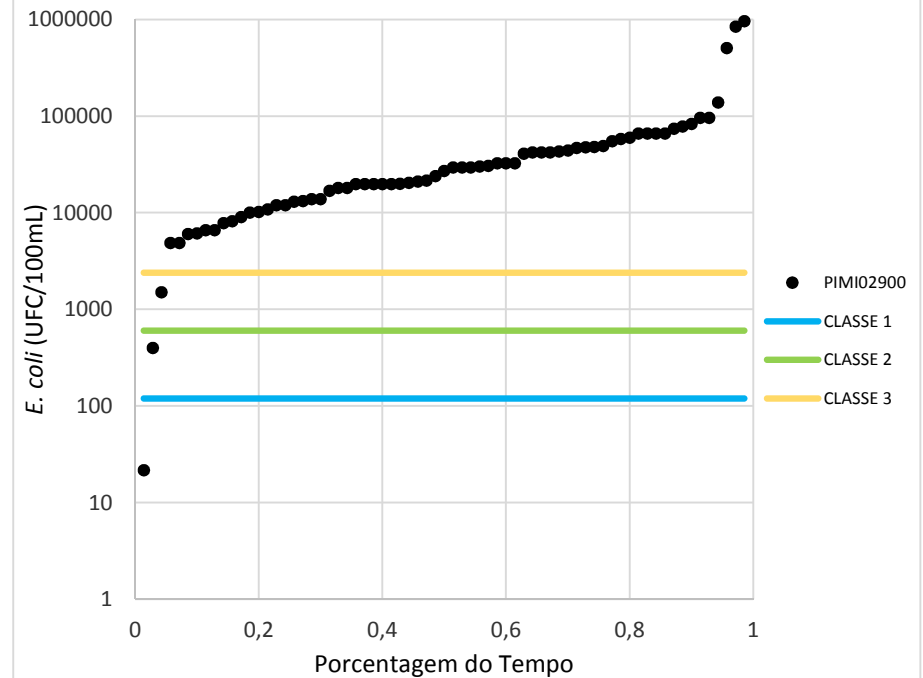


PIMI 02900 – *Escherichia coli* (UFC/100mL)

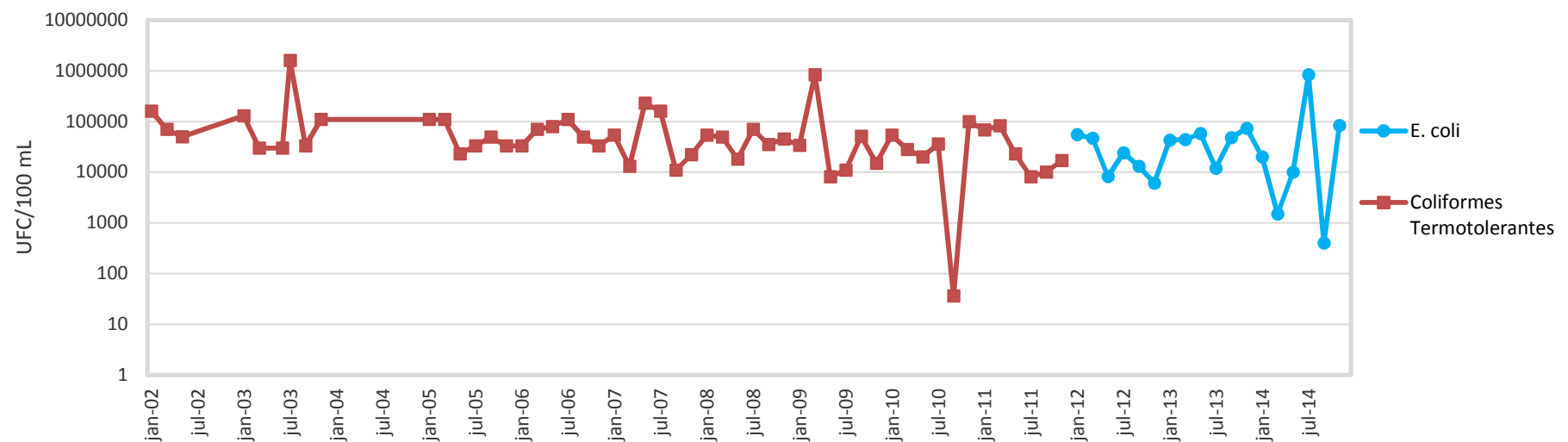
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



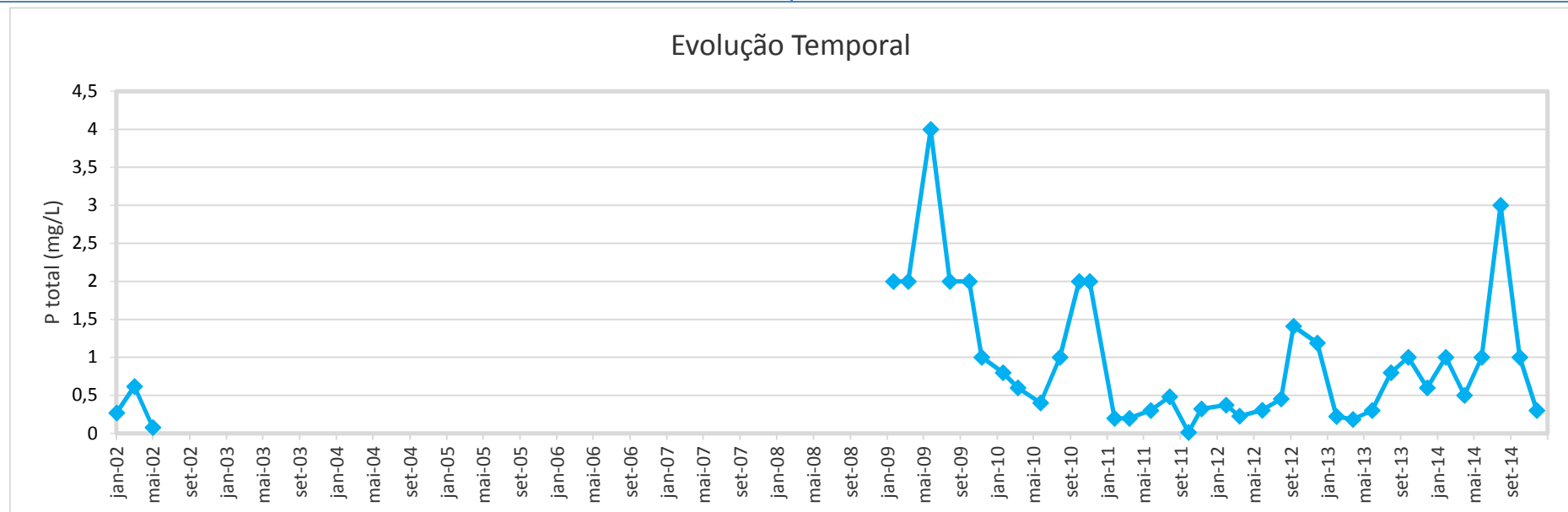
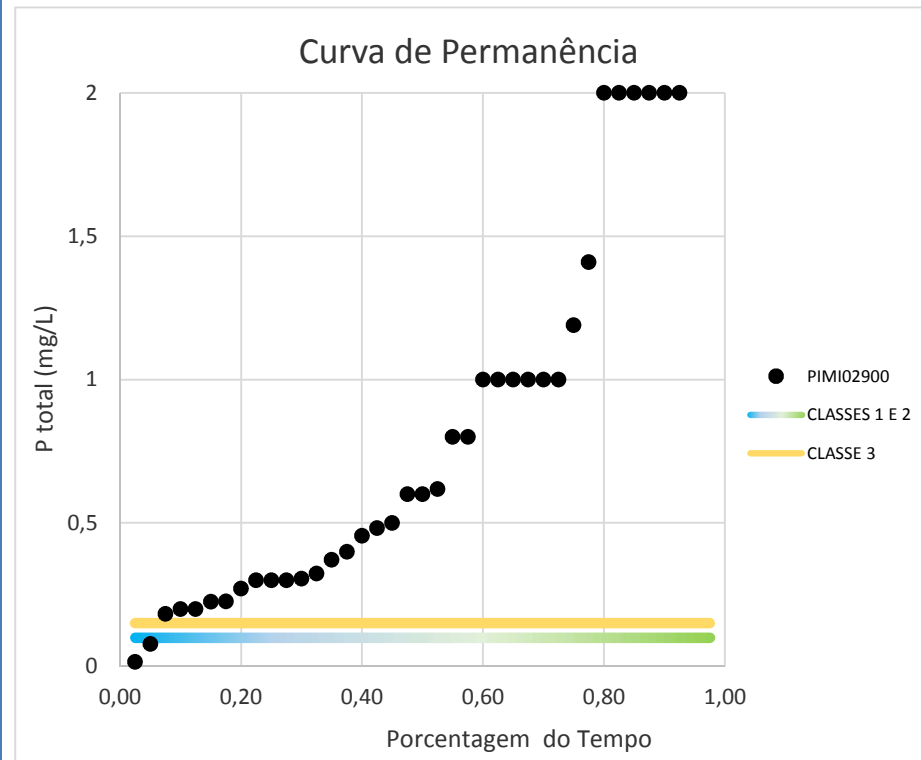
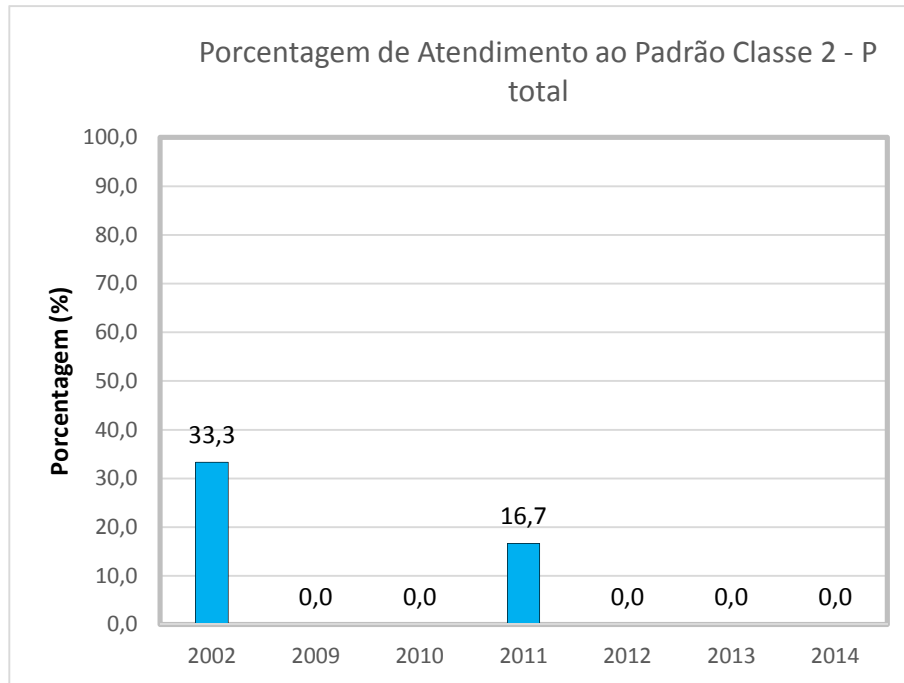
Curva de Permanência



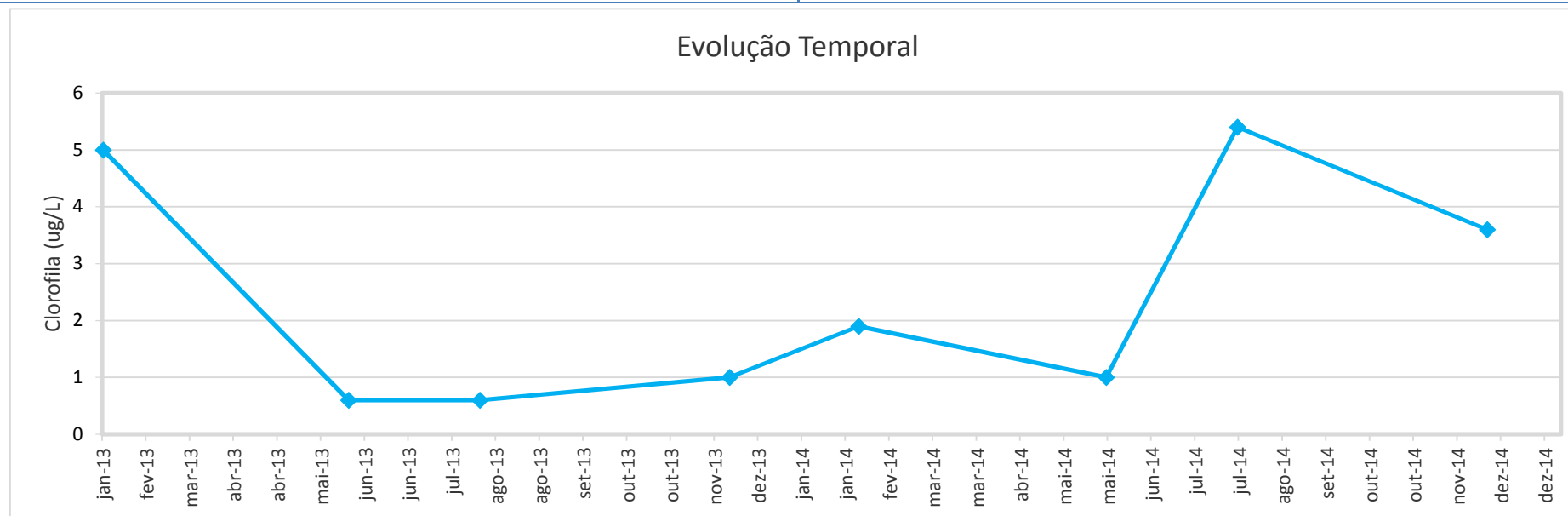
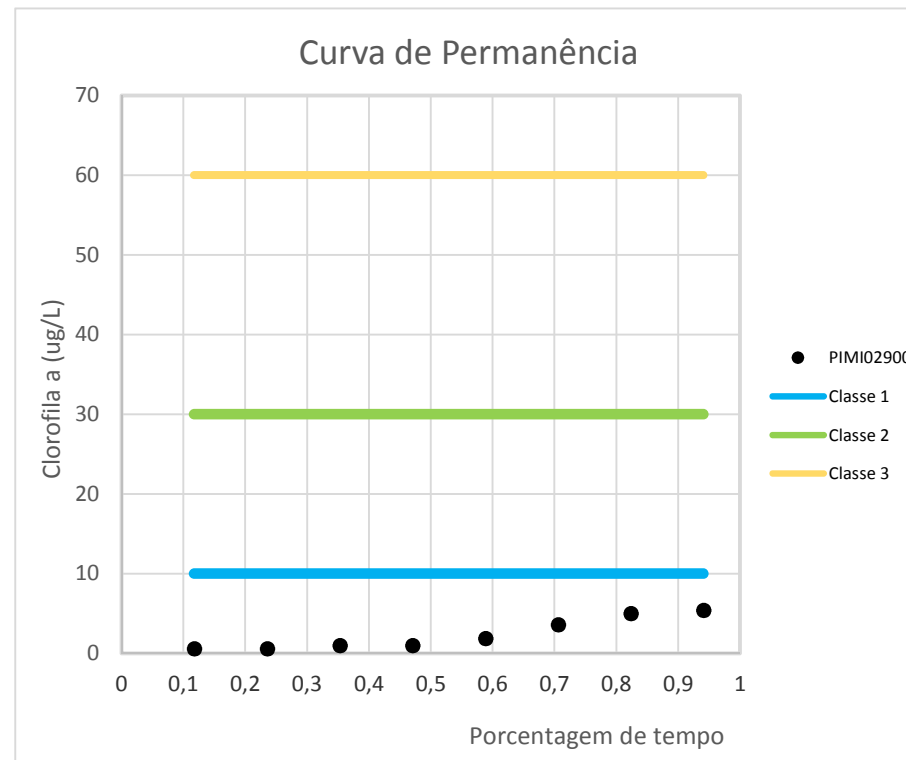
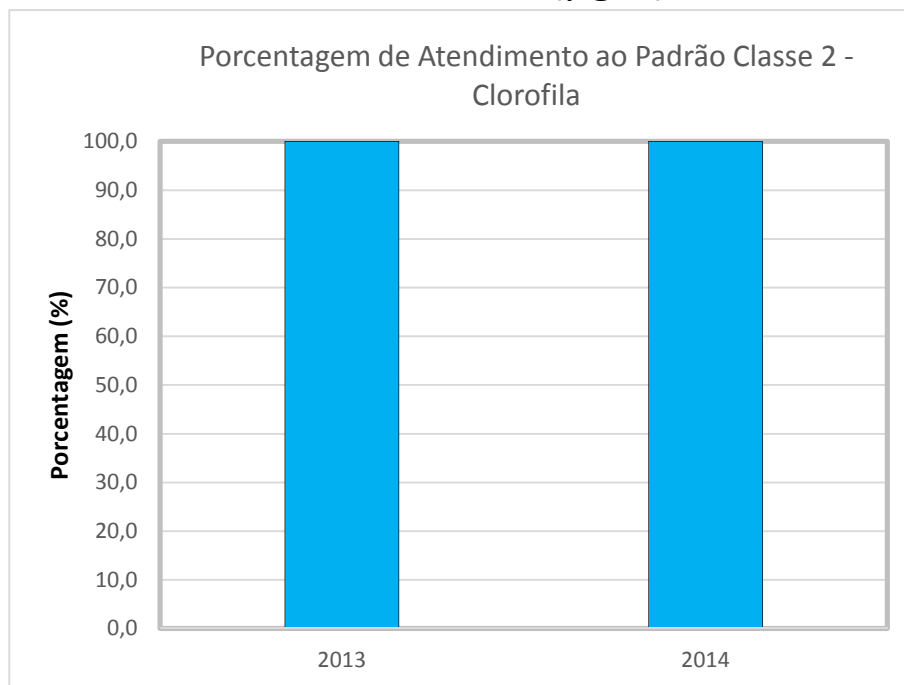
Evolução Temporal



PIMI 02900 – Fósforo Total (mg/L)

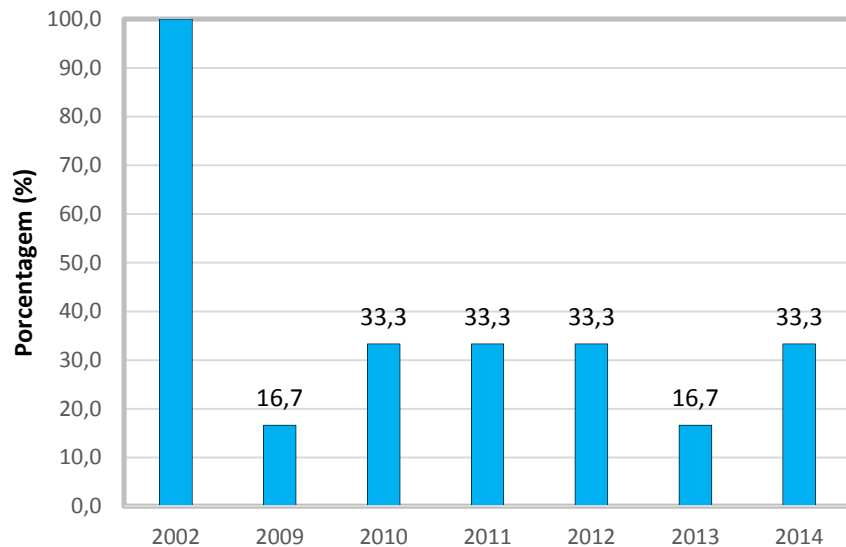


PIMI 02900 – Clorofila a (µg/L)

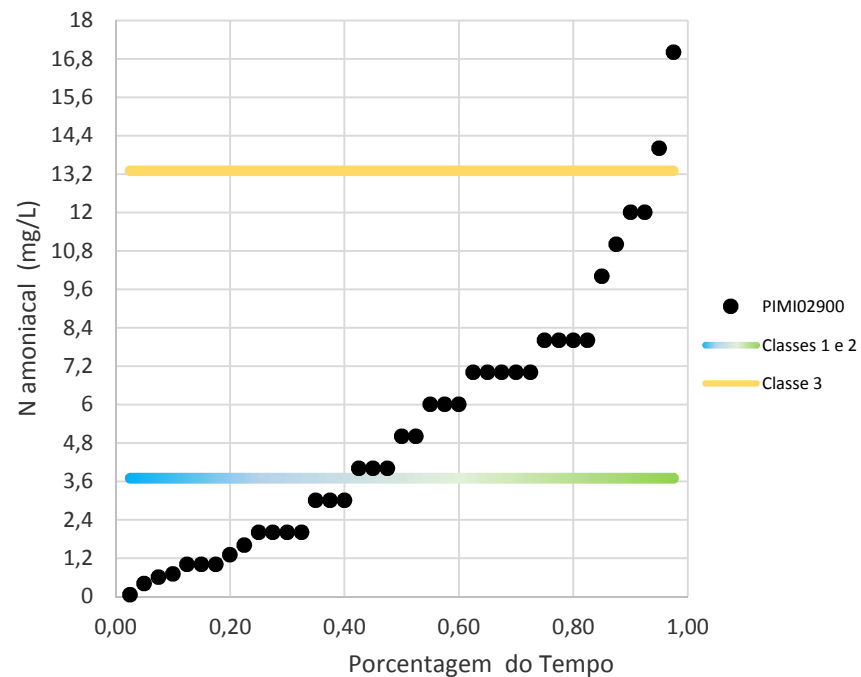


PIMI 02900 – Nitrogênio Amoniacal (mg/L)

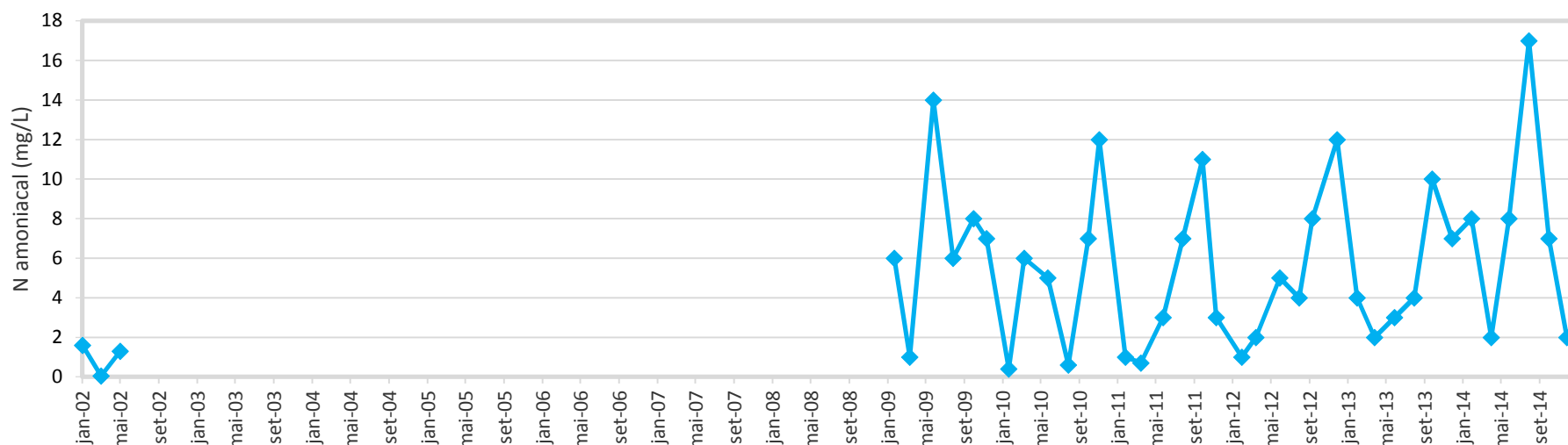
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



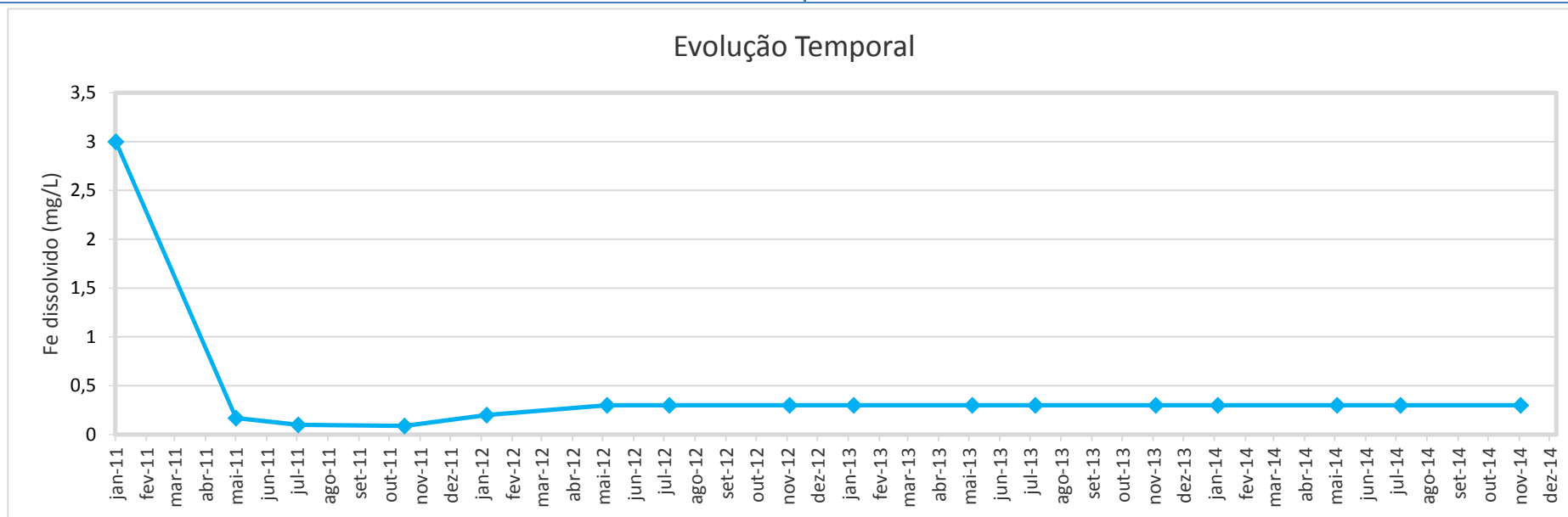
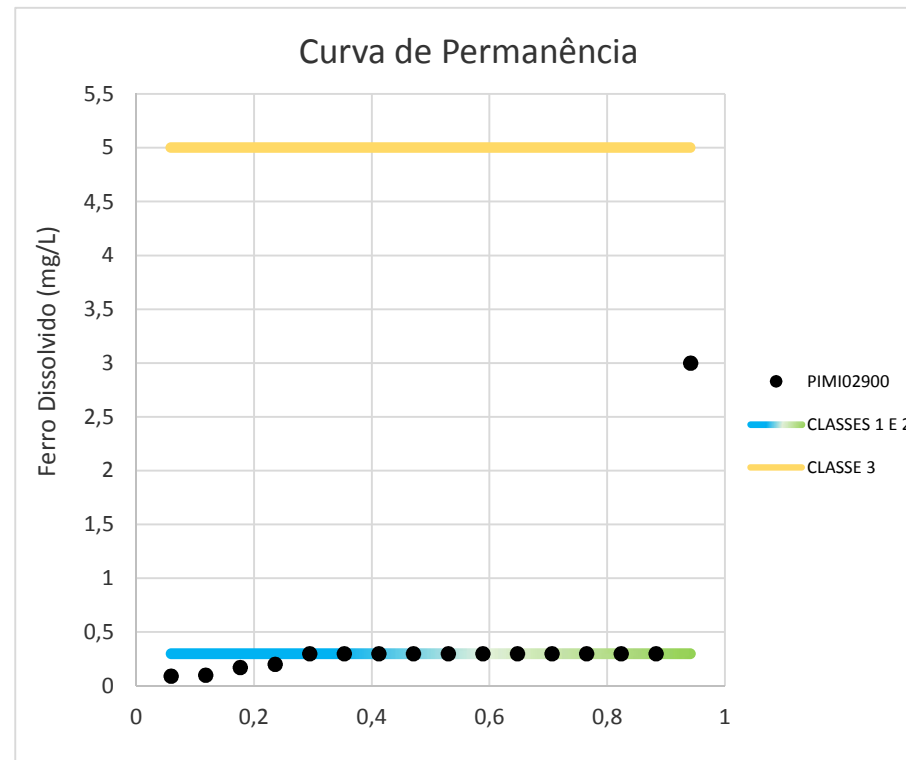
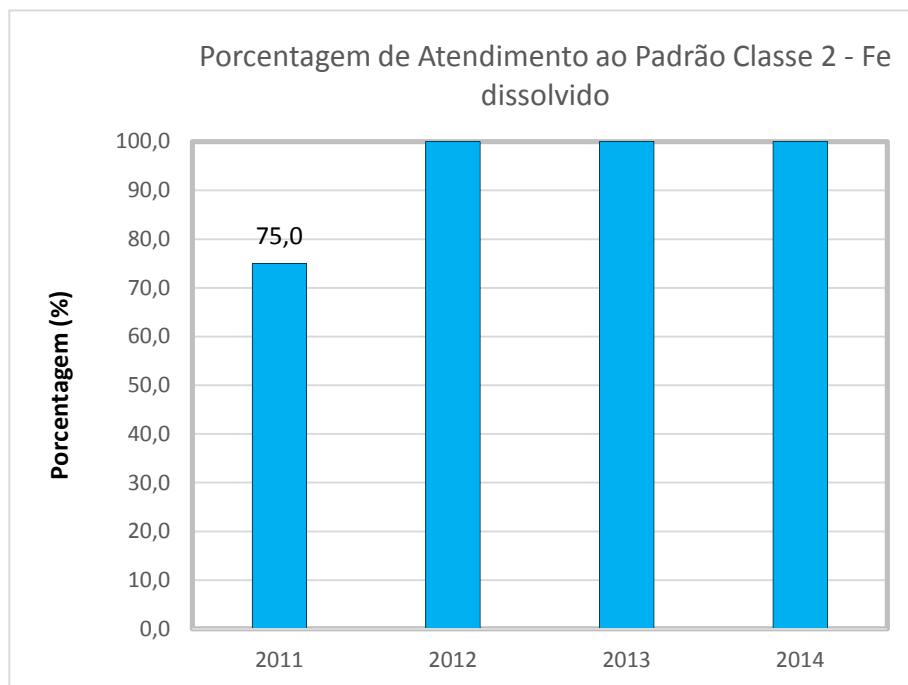
Curva de Permanência



Evolução Temporal

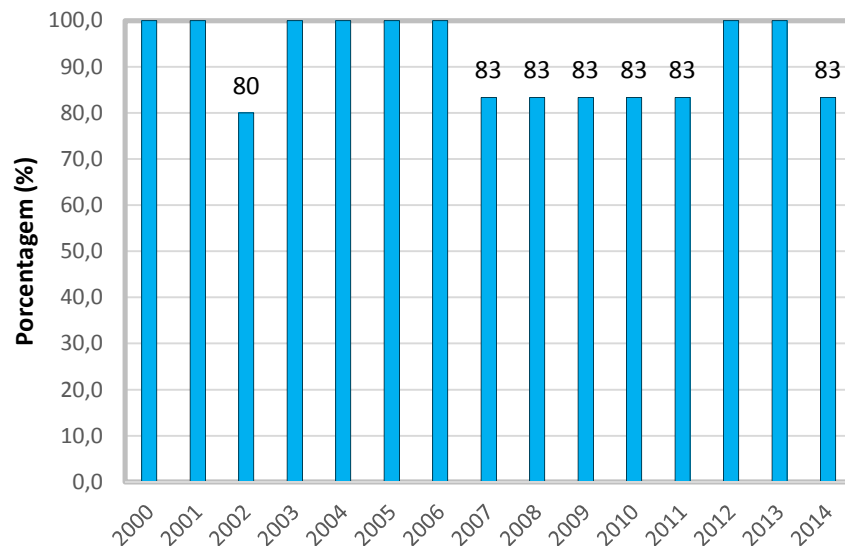


PIMI 02900 – Ferro Dissolvido (mg/L)

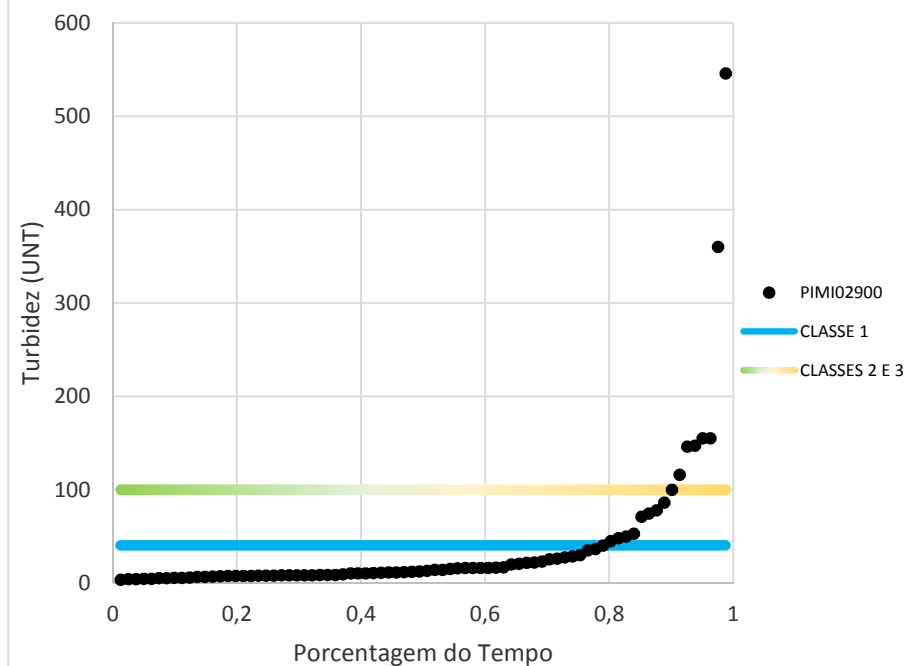


PIMI 02900 – Turbidez (UNT)

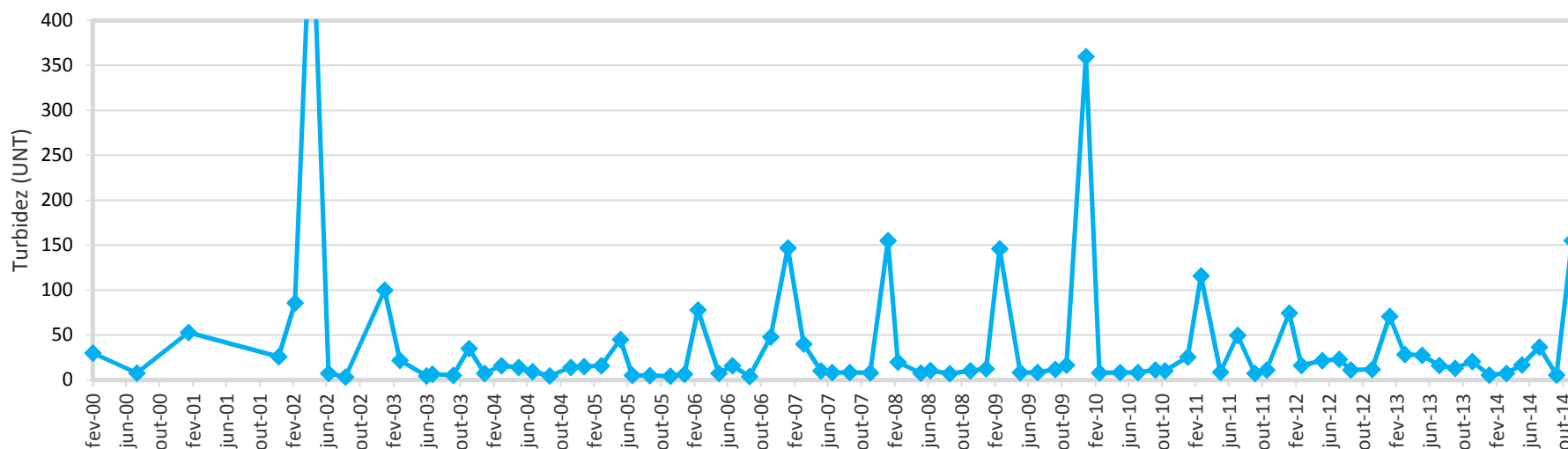
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez

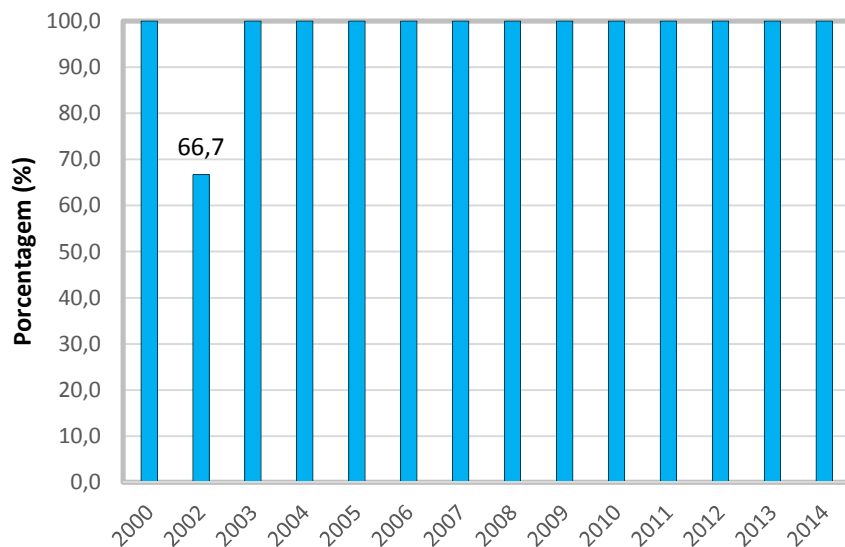


Evolução Temporal

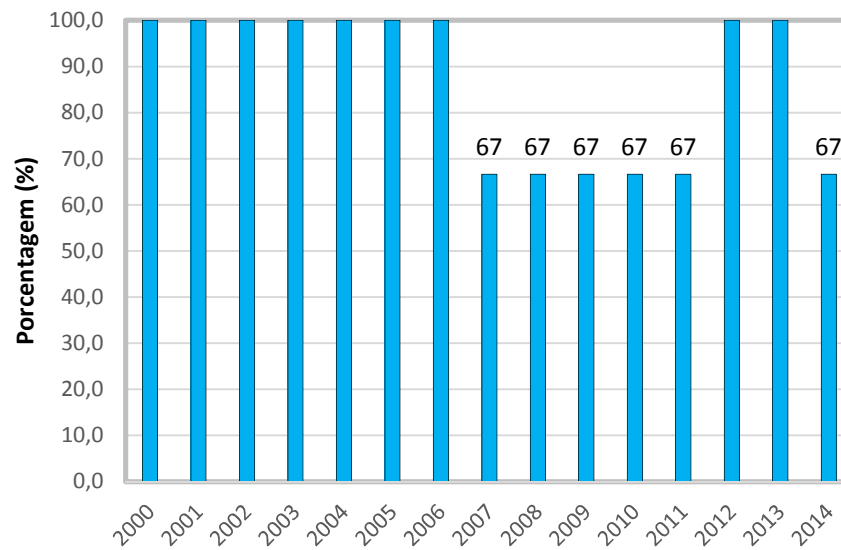


PIMI 02900 – Turbidez (Período Seco x Período Chuvoso)

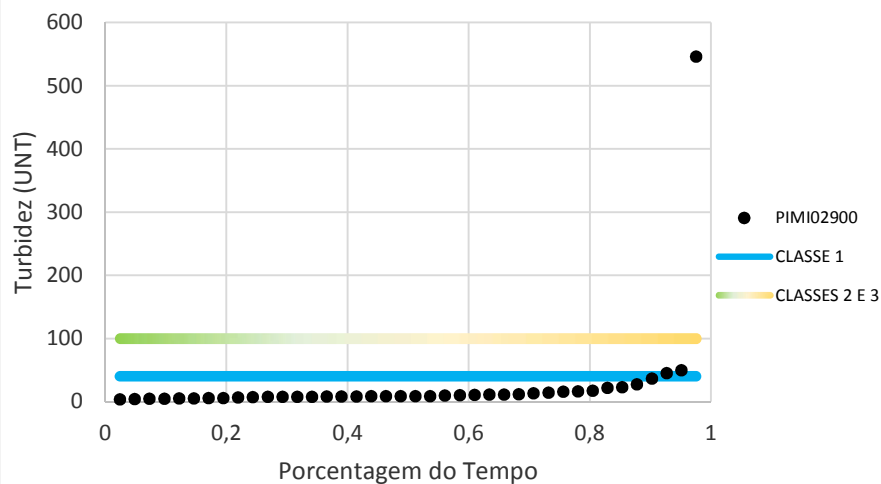
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



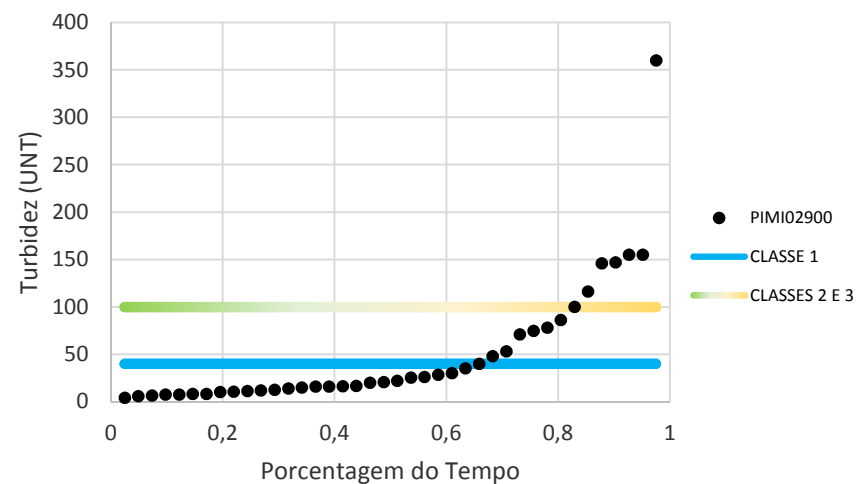
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

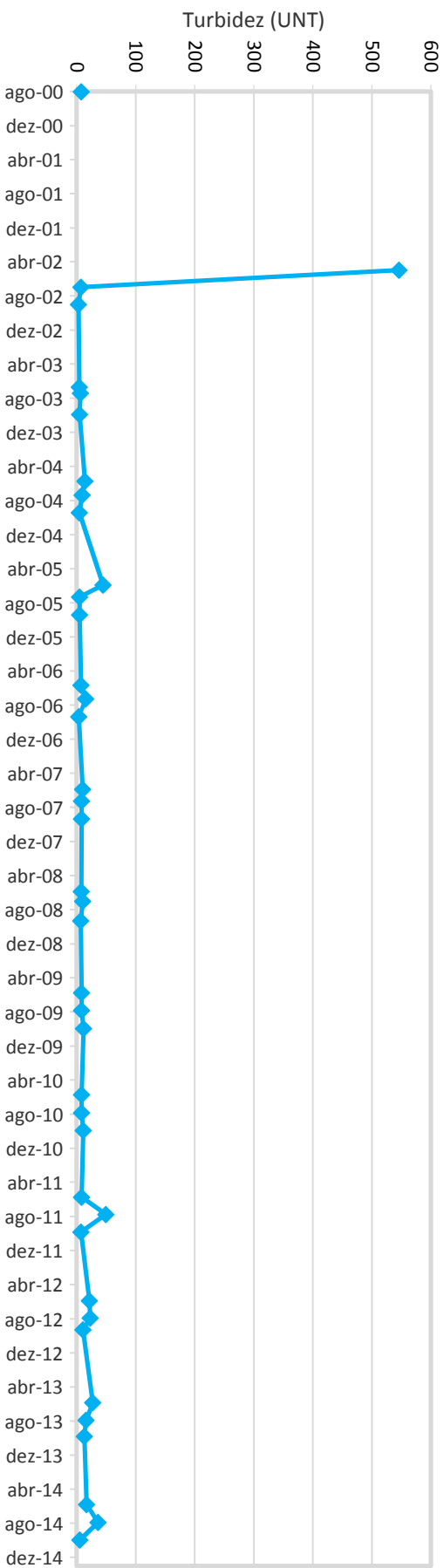


Curva de Permanência- Turbidez
Período Chuvoso

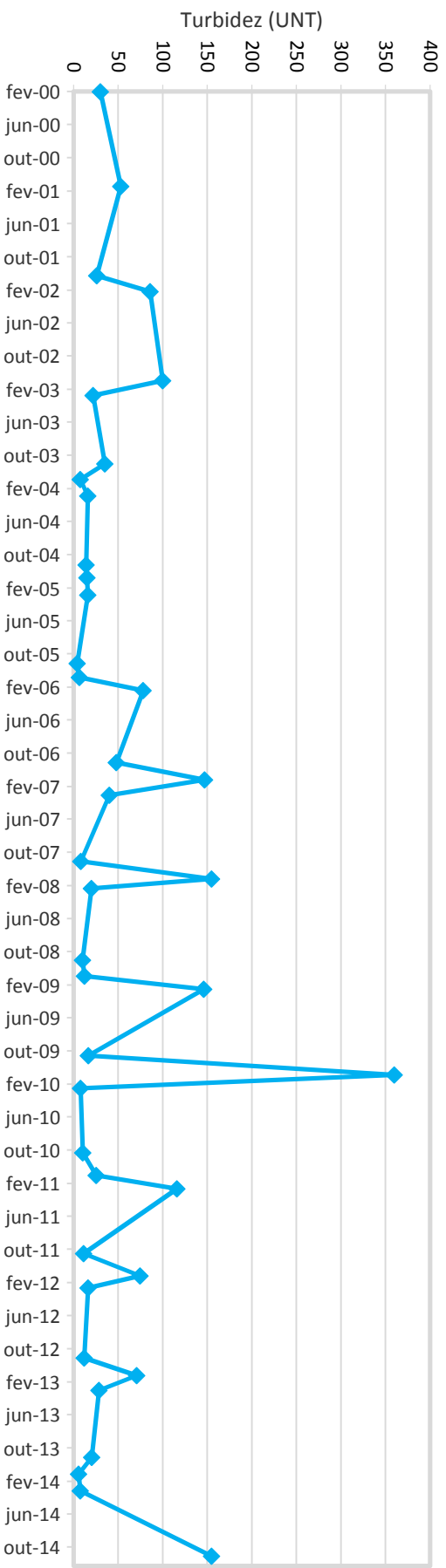


PIMI 02900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

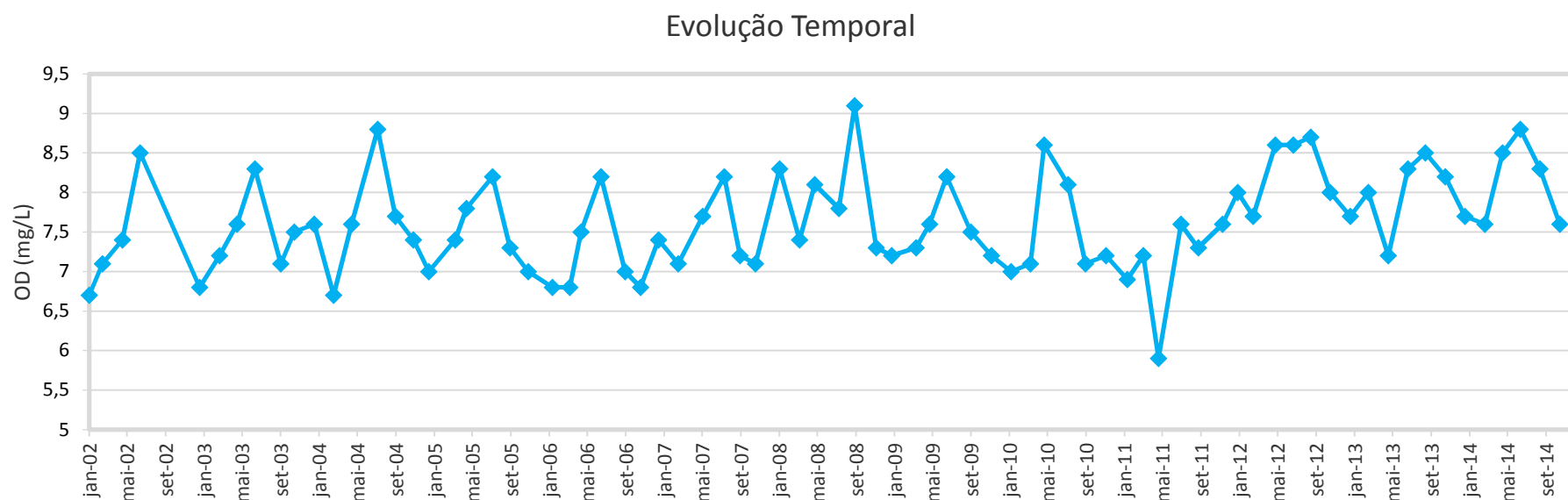
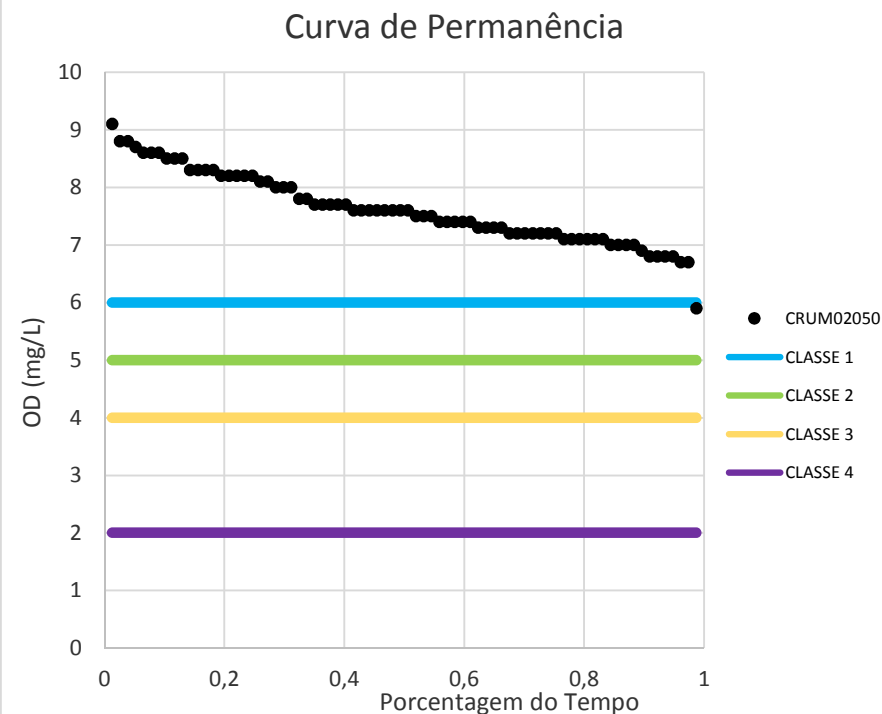
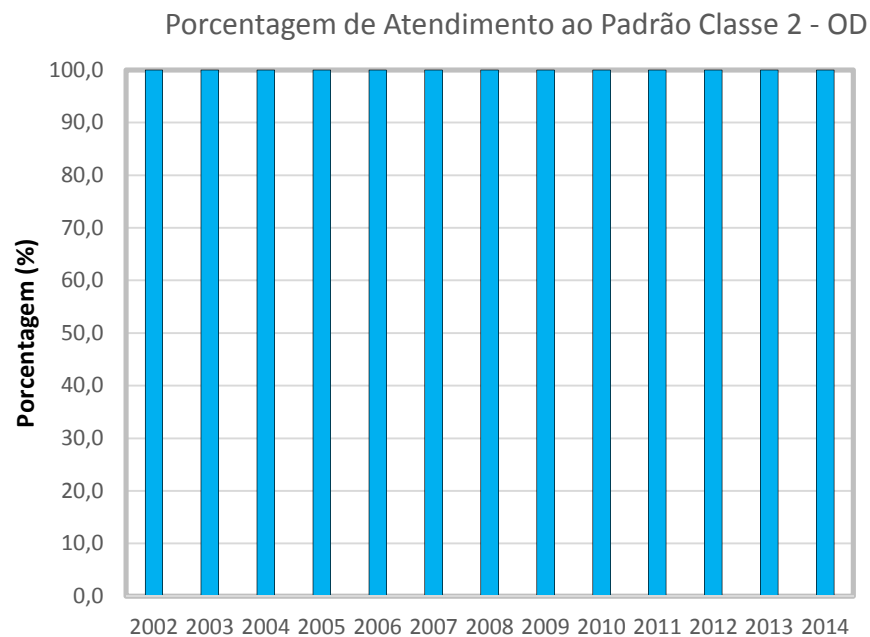


Evolução Temporal - Período Chuvoso

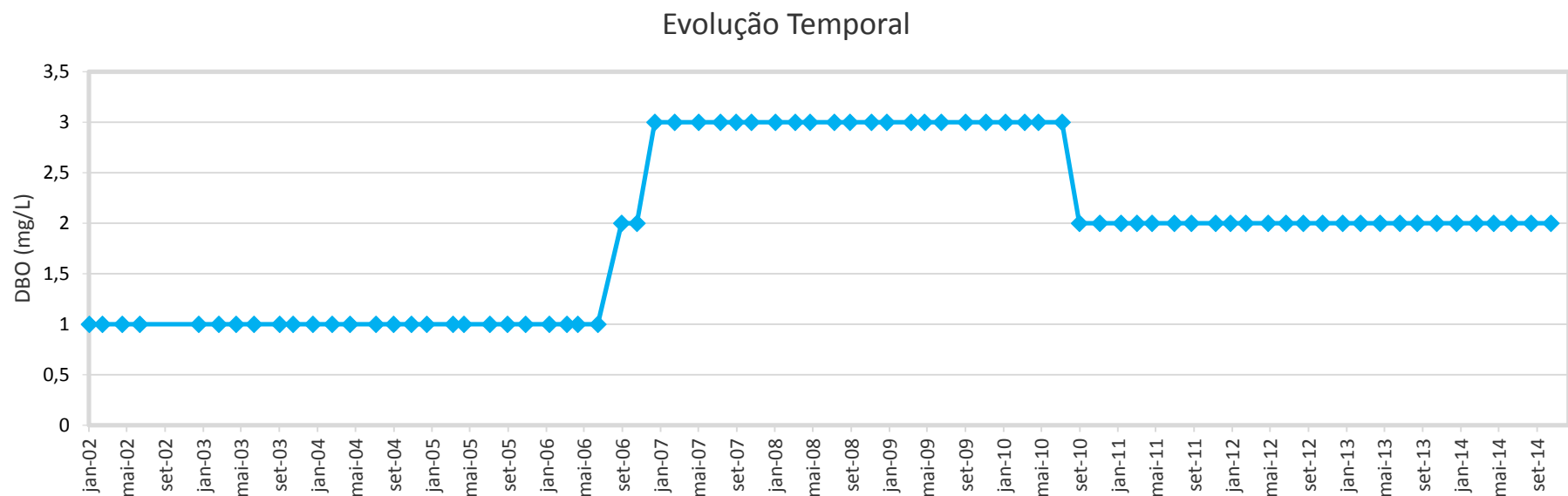
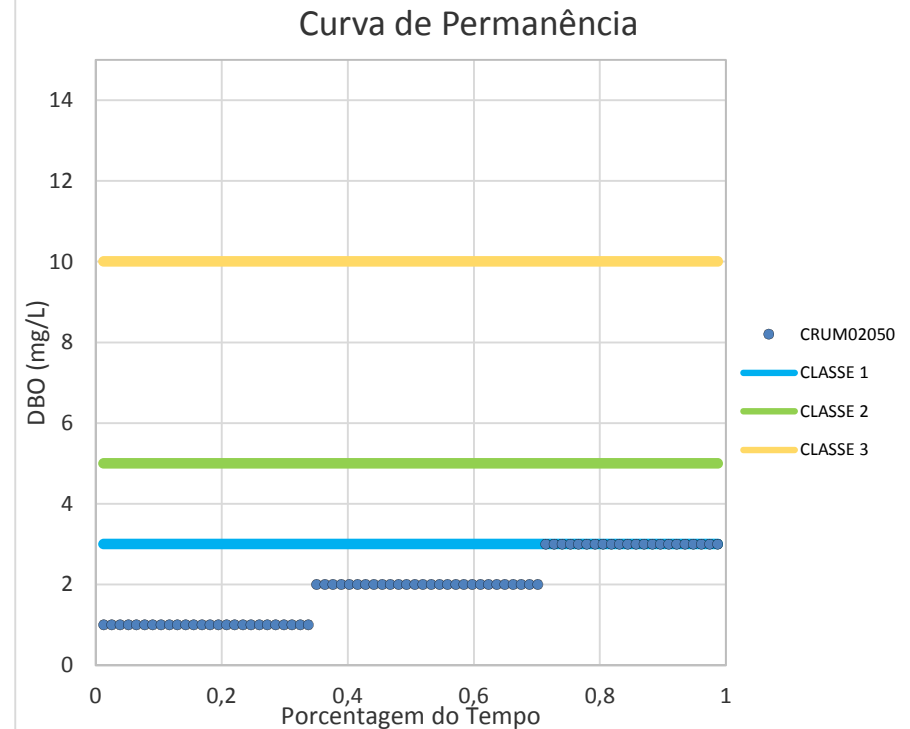
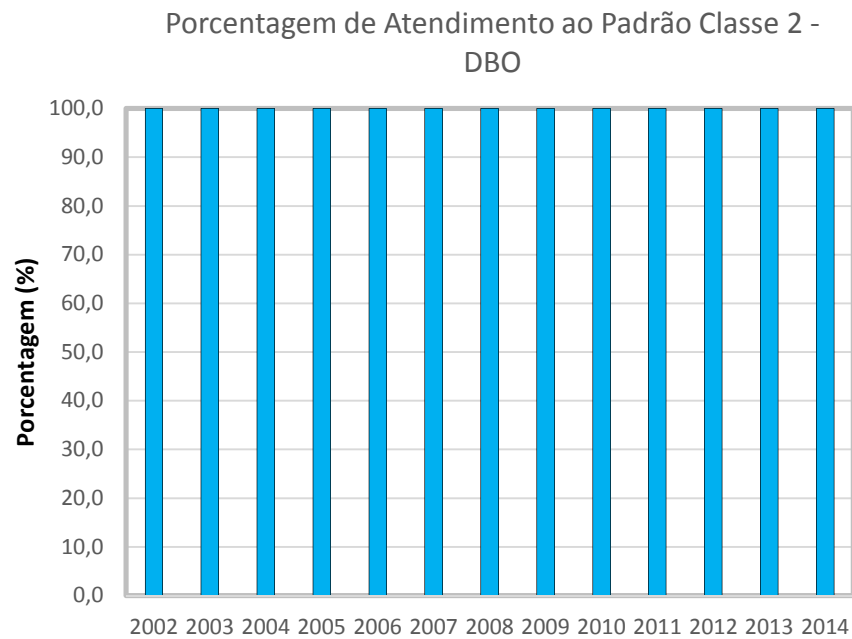


Rio Corumbataí
CRUM 02050

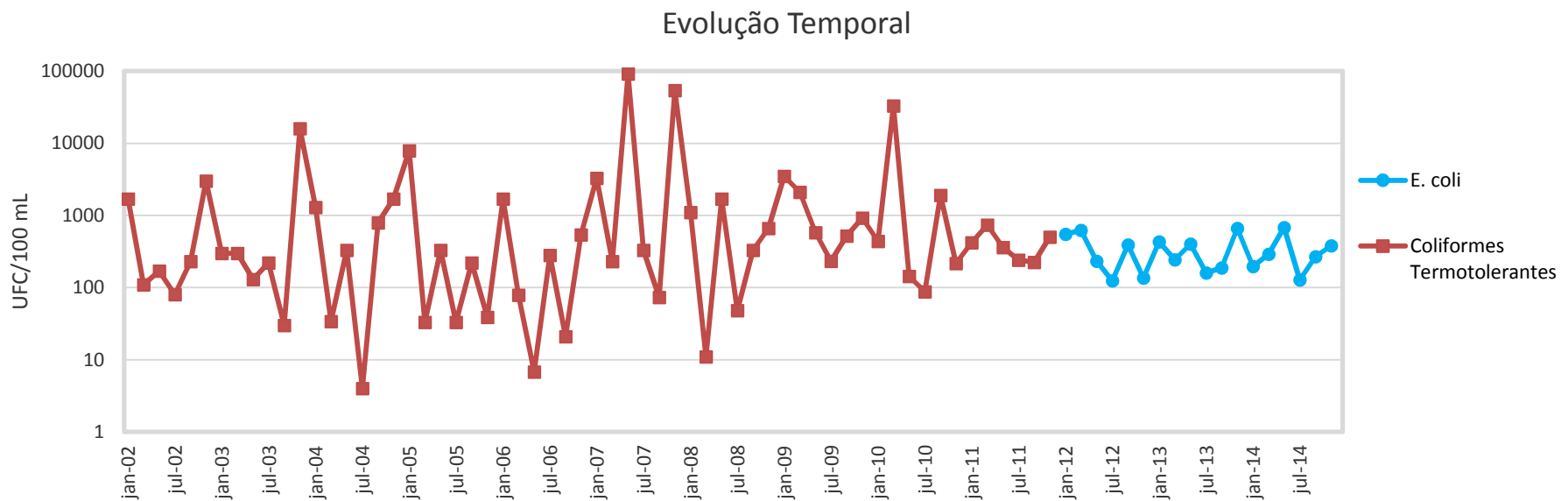
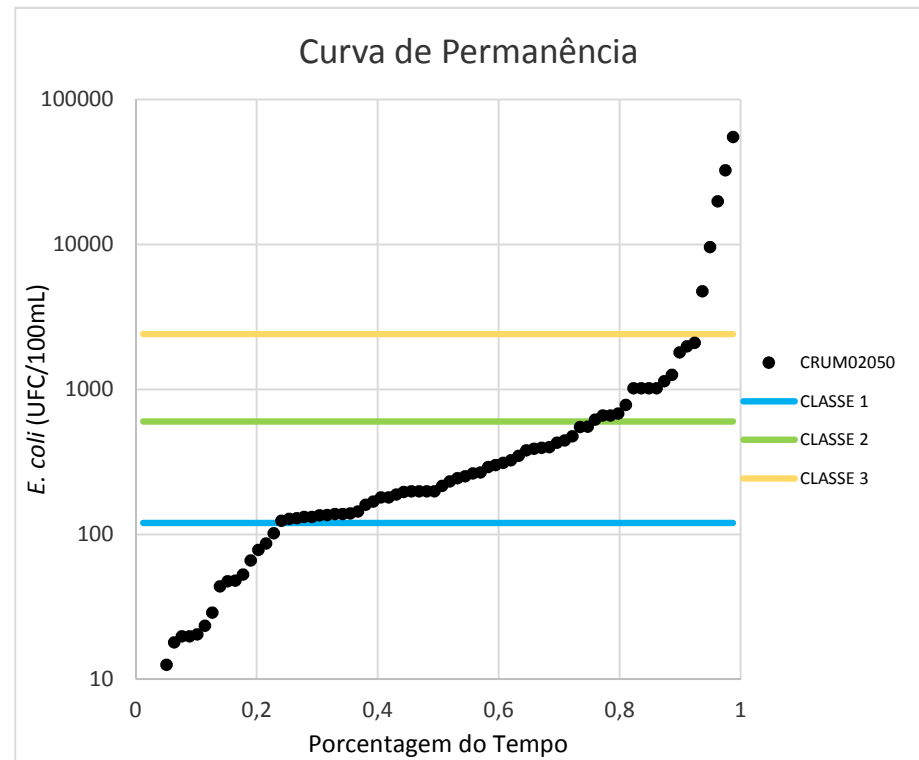
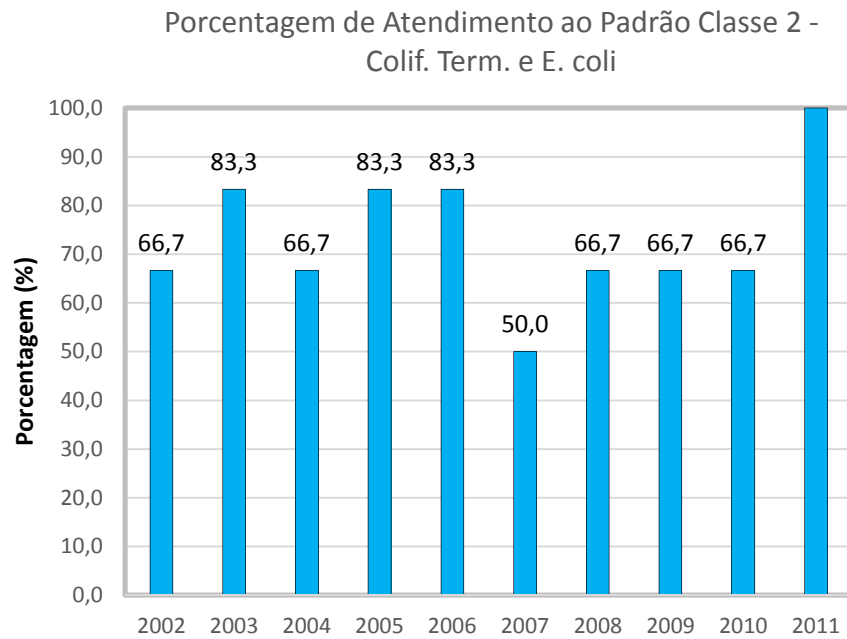
CRUM 02050 – Oxigênio Dissolvido (mg/L)



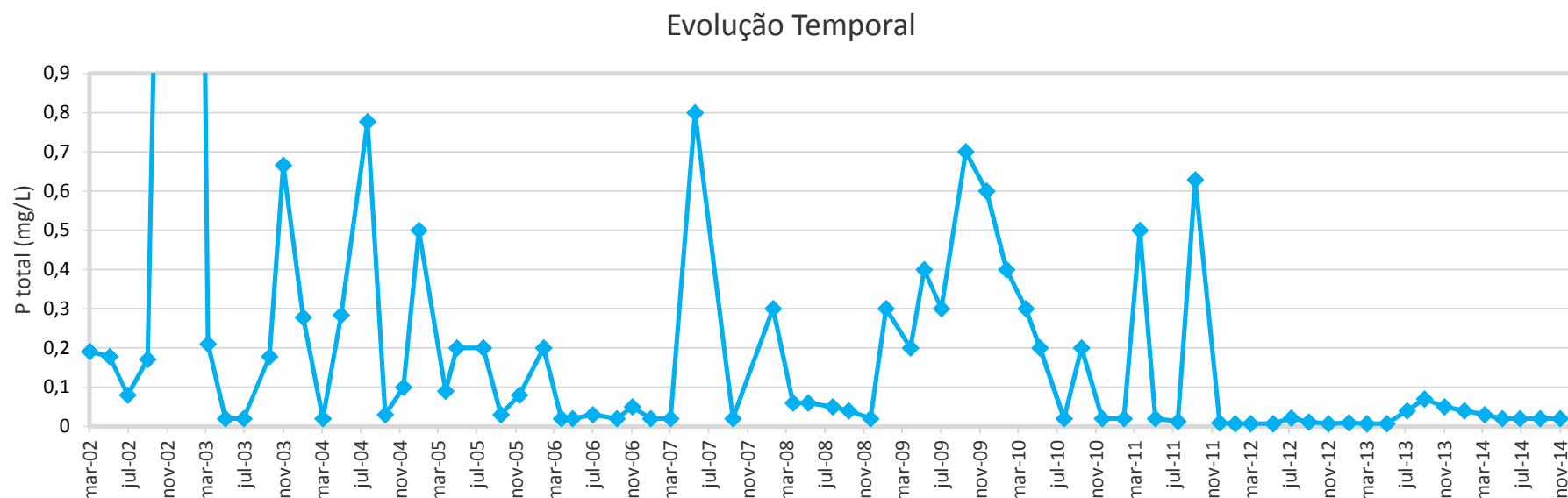
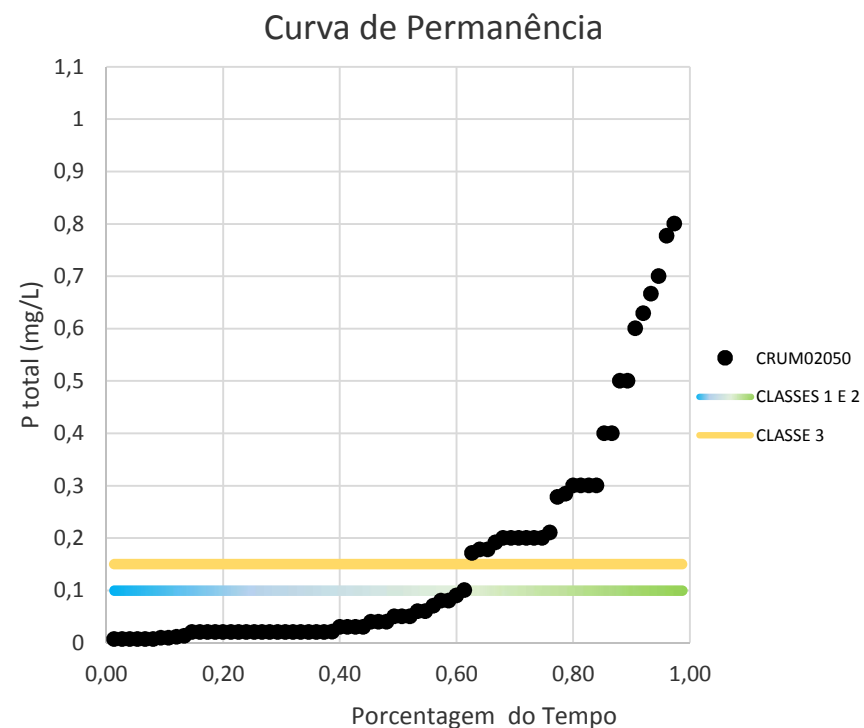
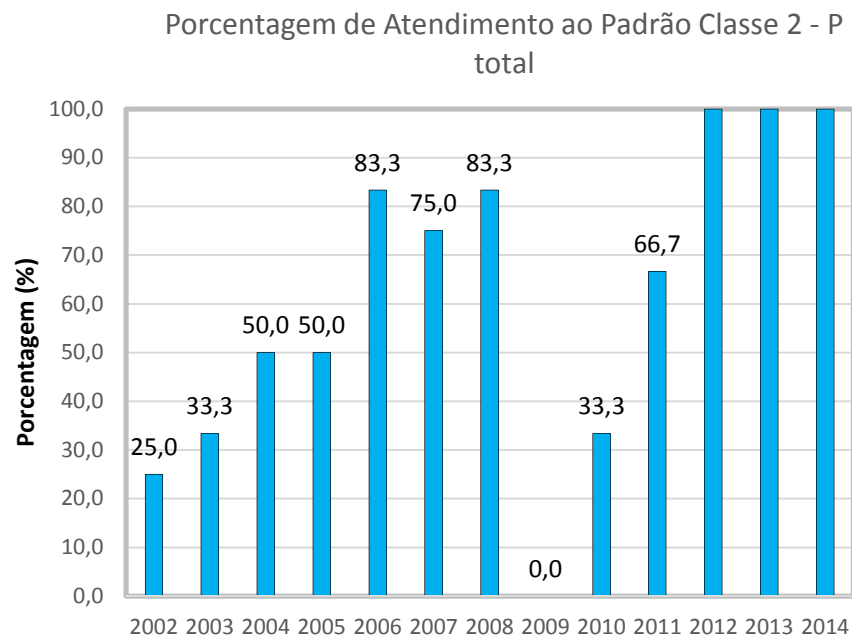
CRUM 02050 – DBO (mg/L)



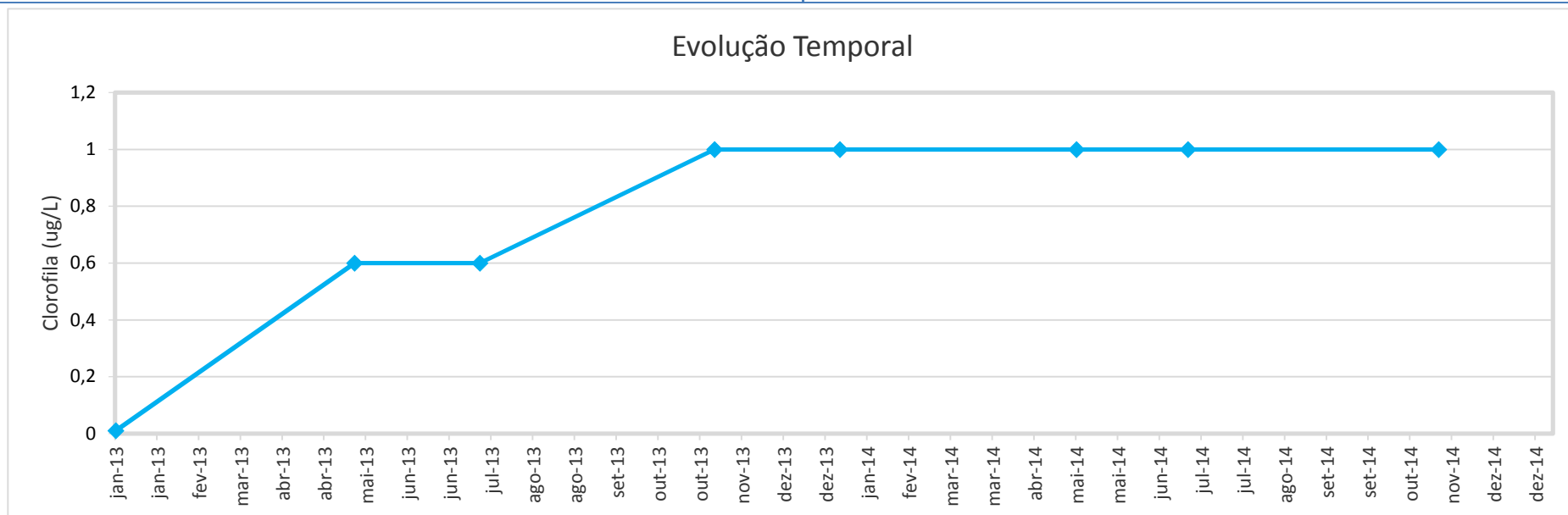
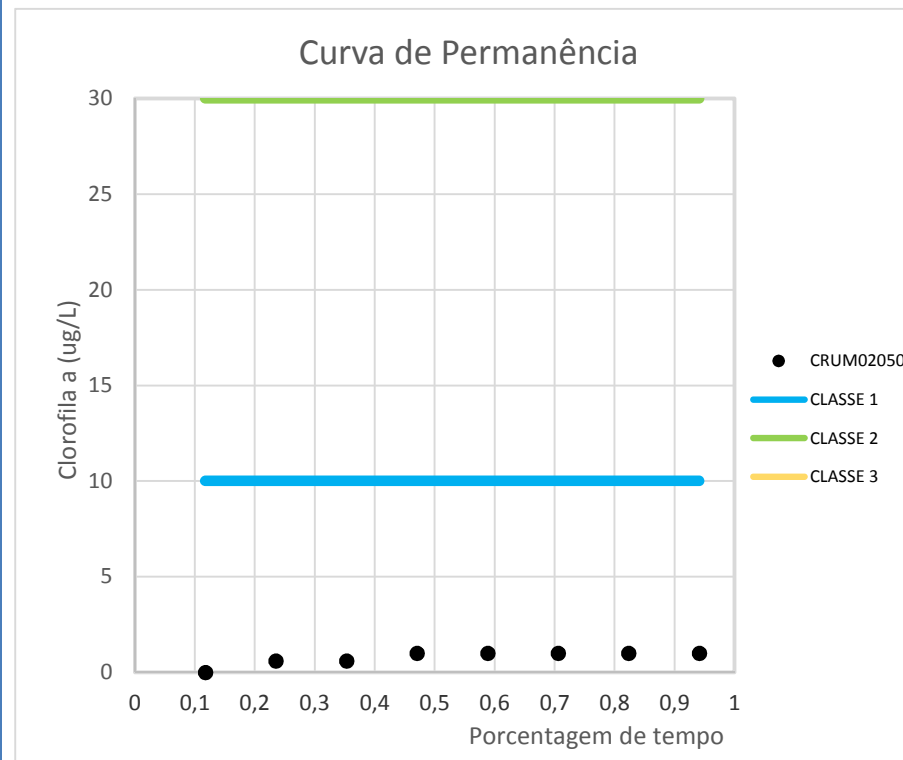
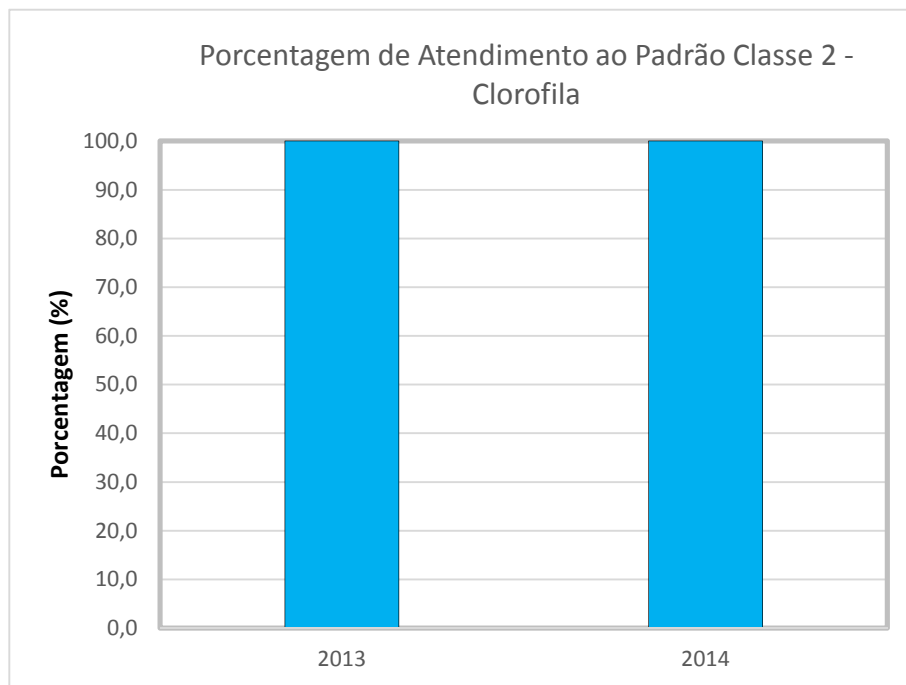
CRUM 02050 – *Escherichia coli* (UFC/100mL)



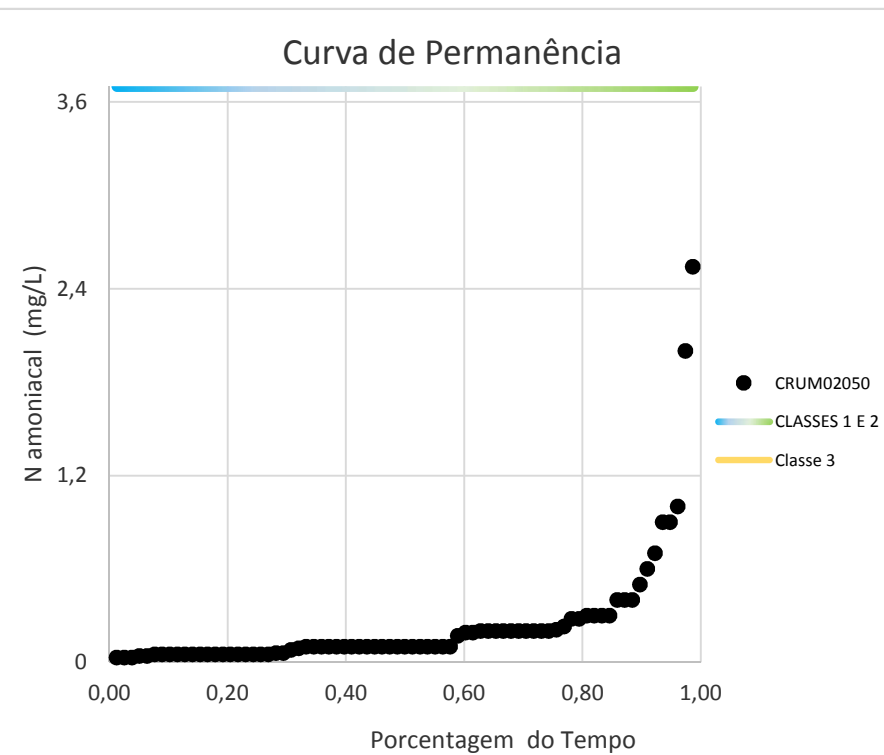
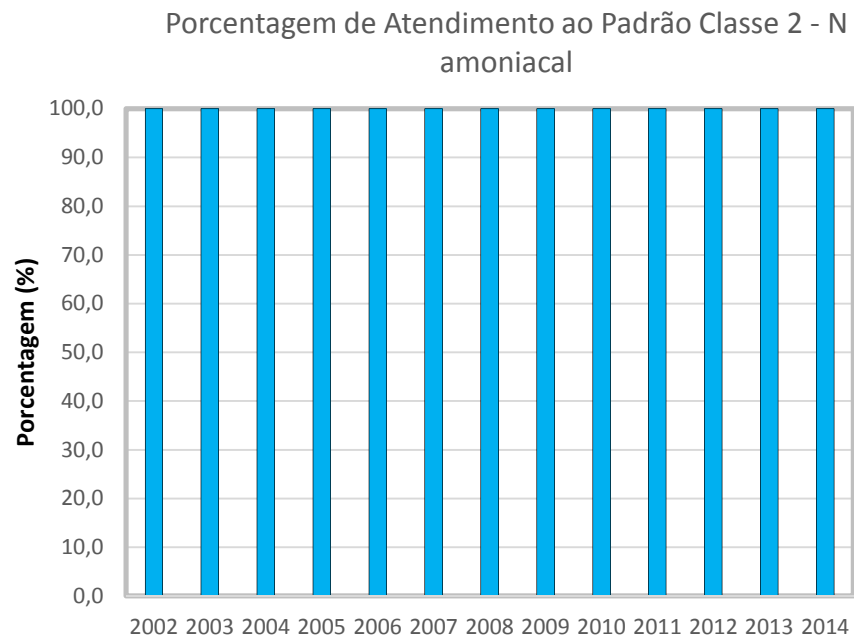
CRUM 02050 – Fósforo Total (mg/L)



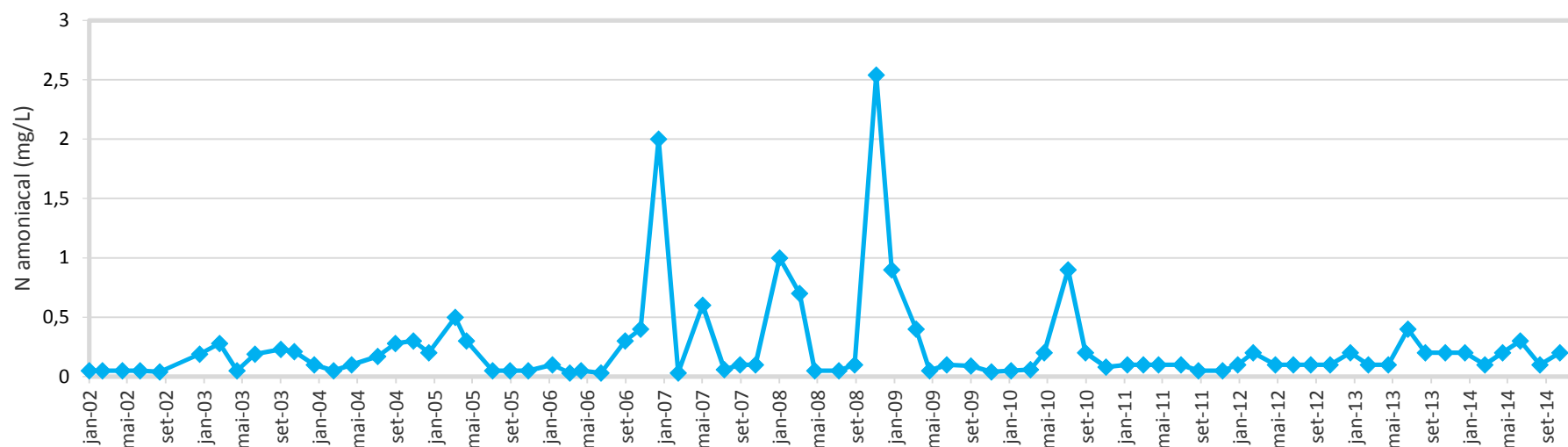
CRUM 02050 – Clorofila a ($\mu\text{g/L}$)



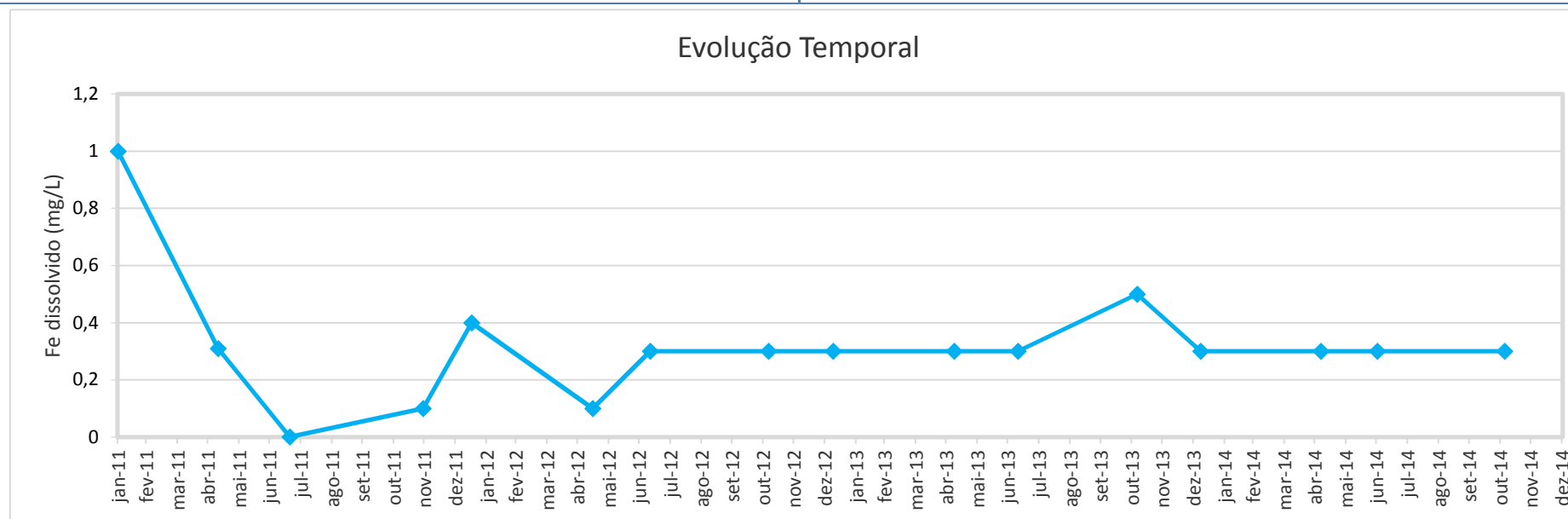
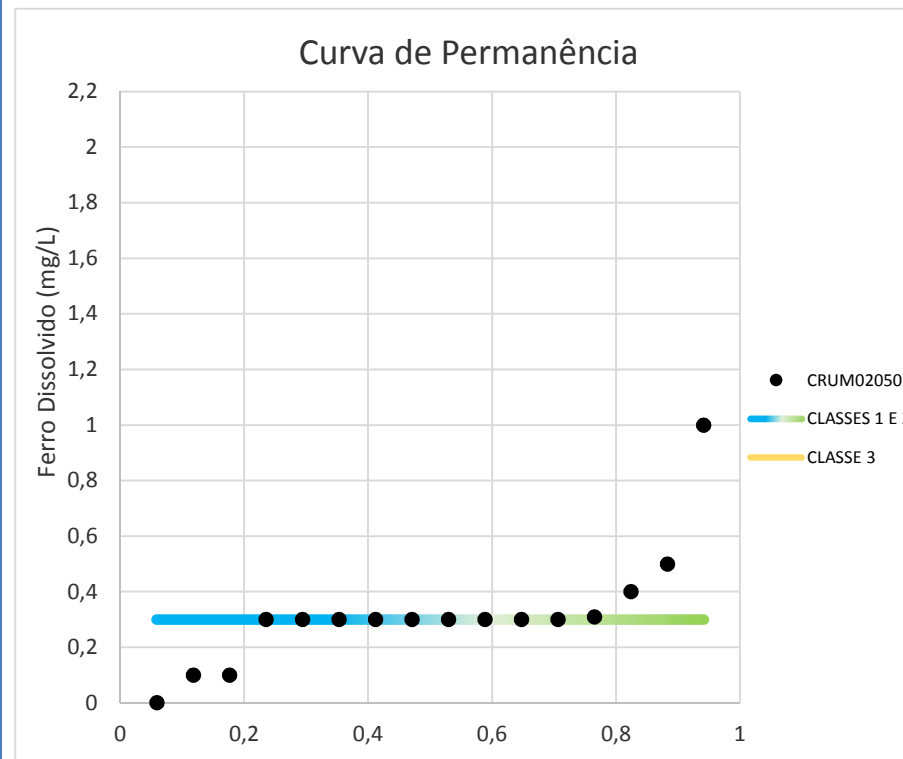
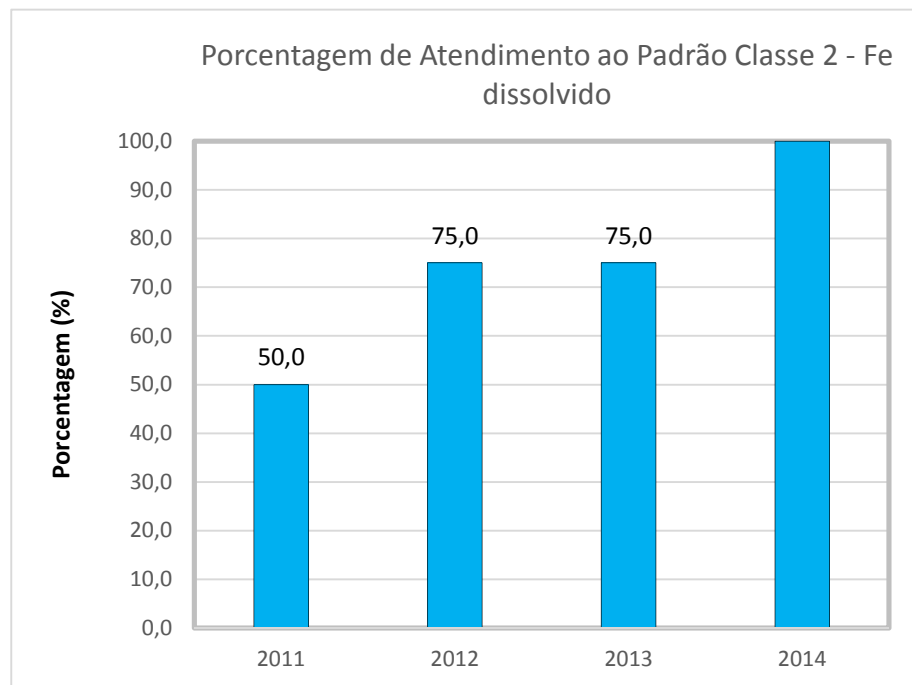
CRUM 02050 – Nitrogênio Amoniacal (mg/L)



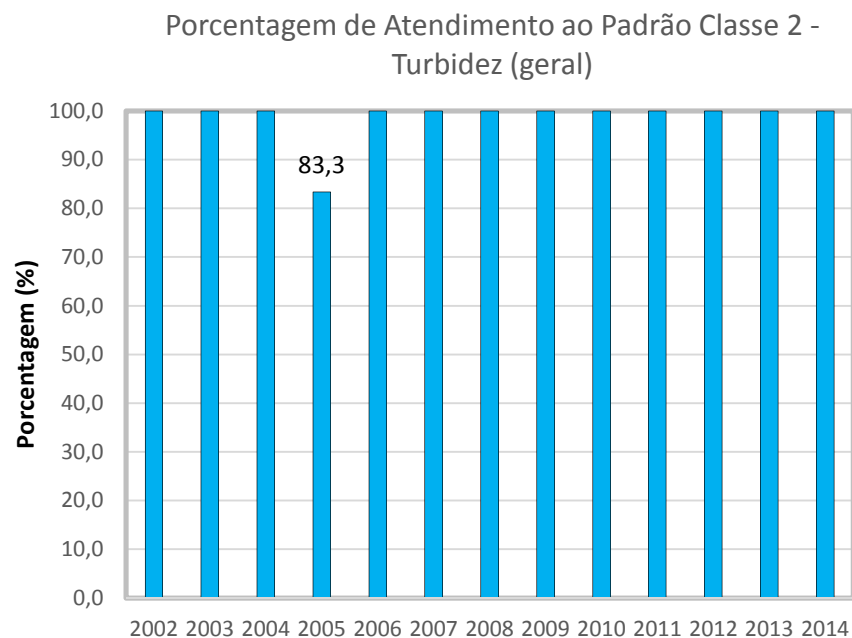
Evolução Temporal



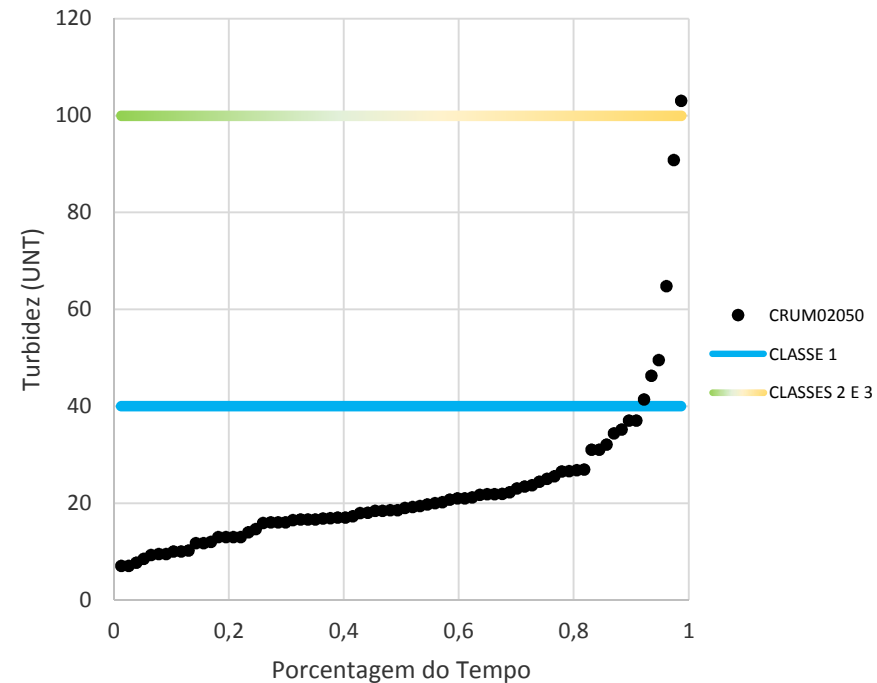
CRUM 02050 – Ferro Dissolvido (mg/L)



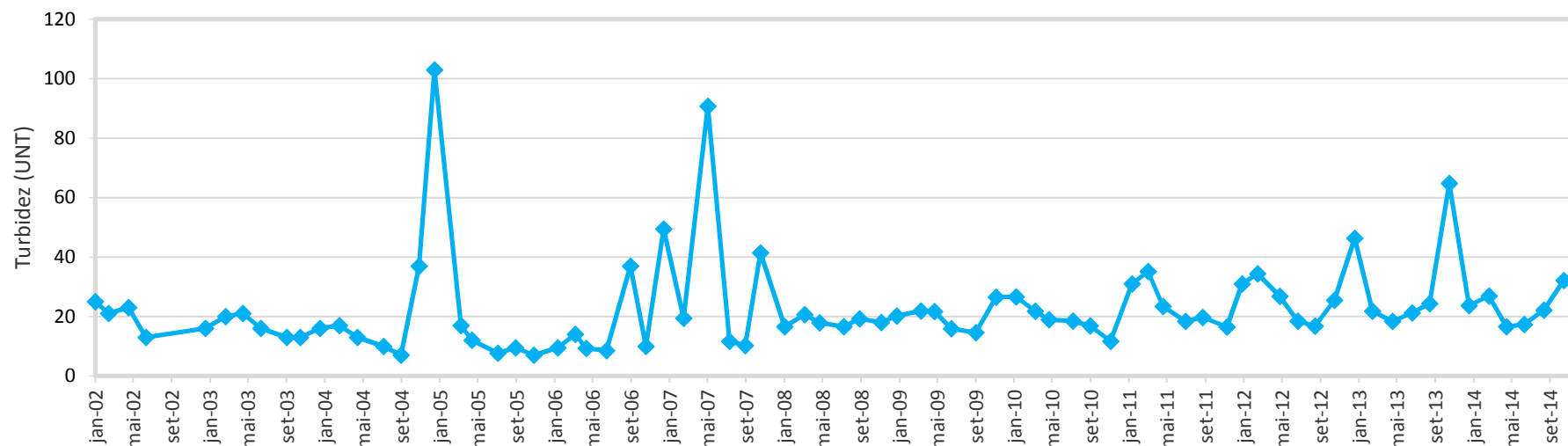
CRUM 02050 – Turbidez (UNT)



Curva de Permanência- Turbidez

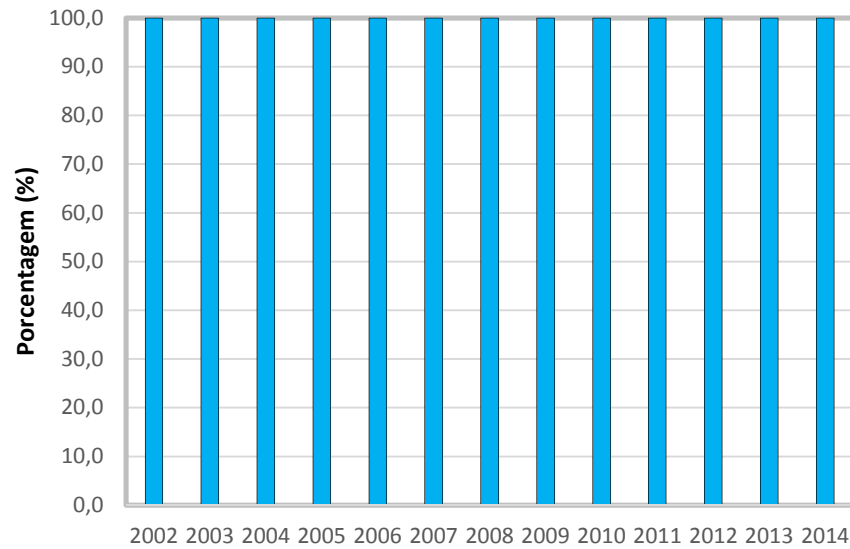


Evolução Temporal

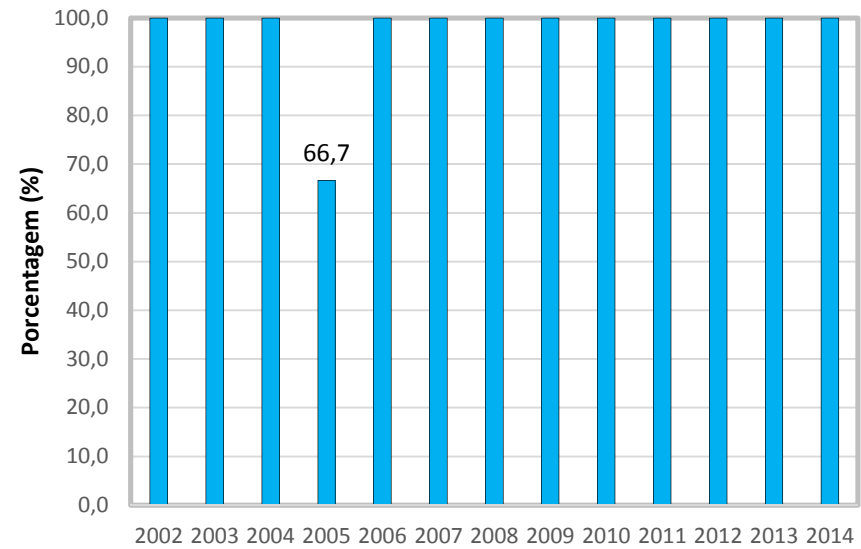


CRUM 02050 – Turbidez (Período Seco x Período Chuvoso)

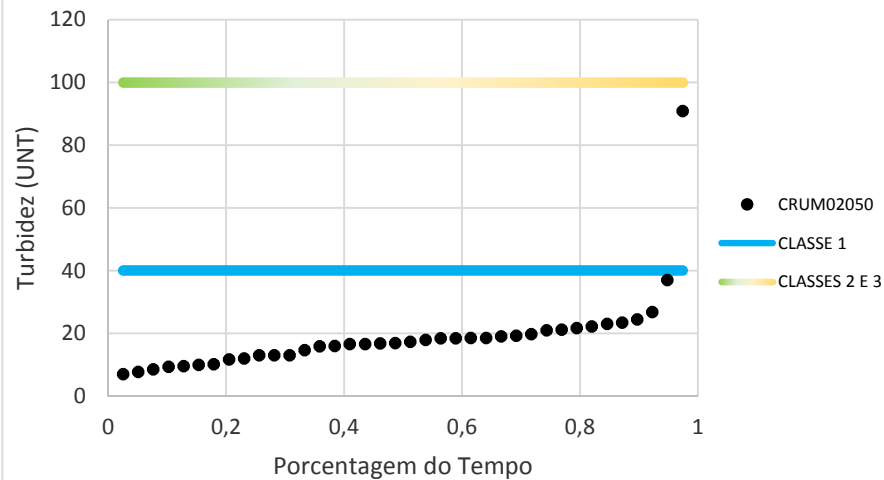
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



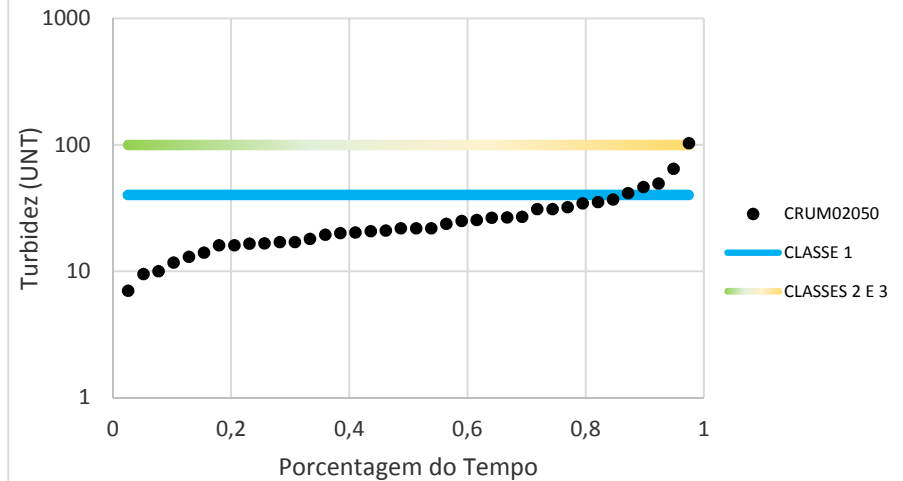
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

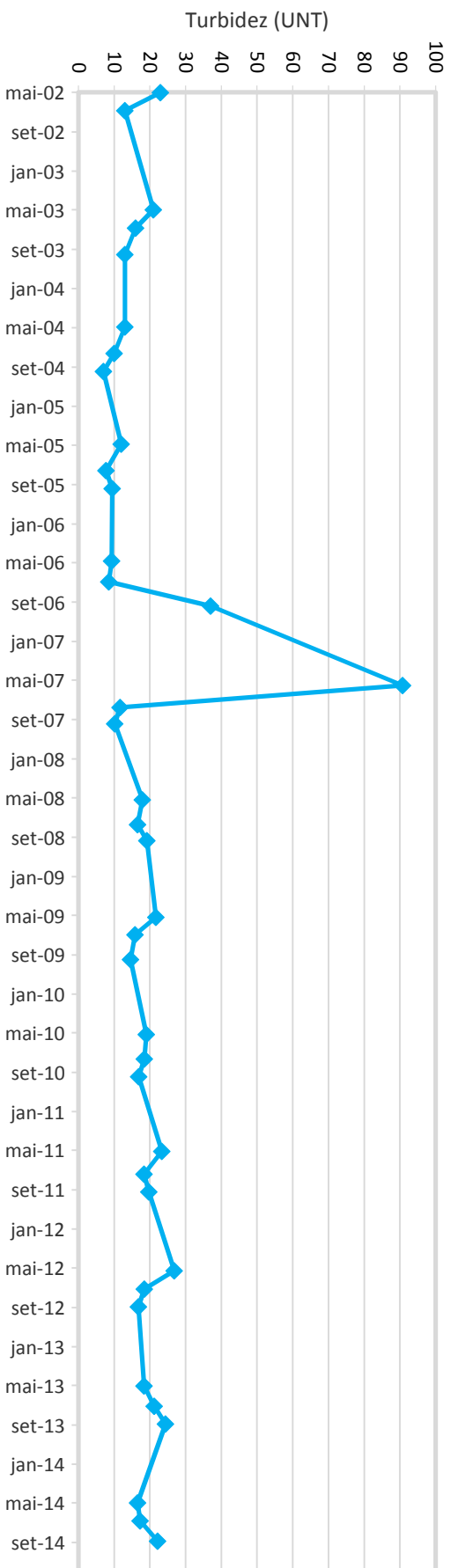


Curva de Permanência- Turbidez
Período Chuvoso

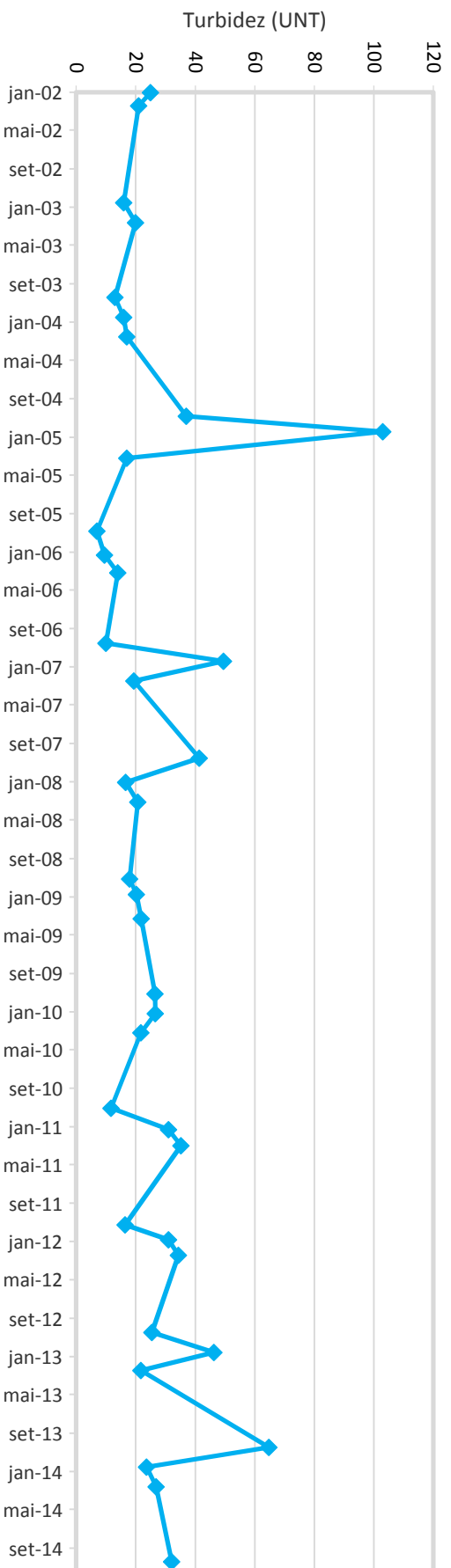


CRUM 02050 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



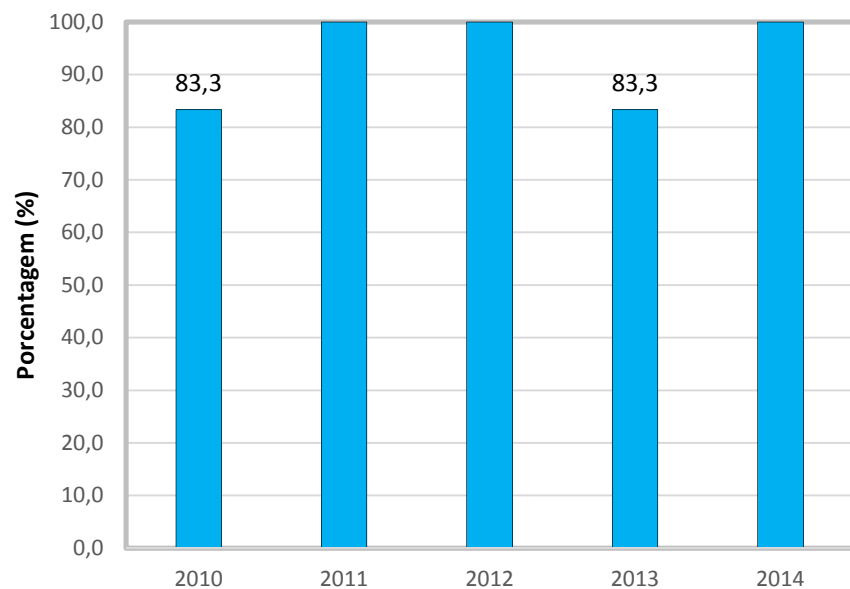
Evolução Temporal - Período Chuvoso



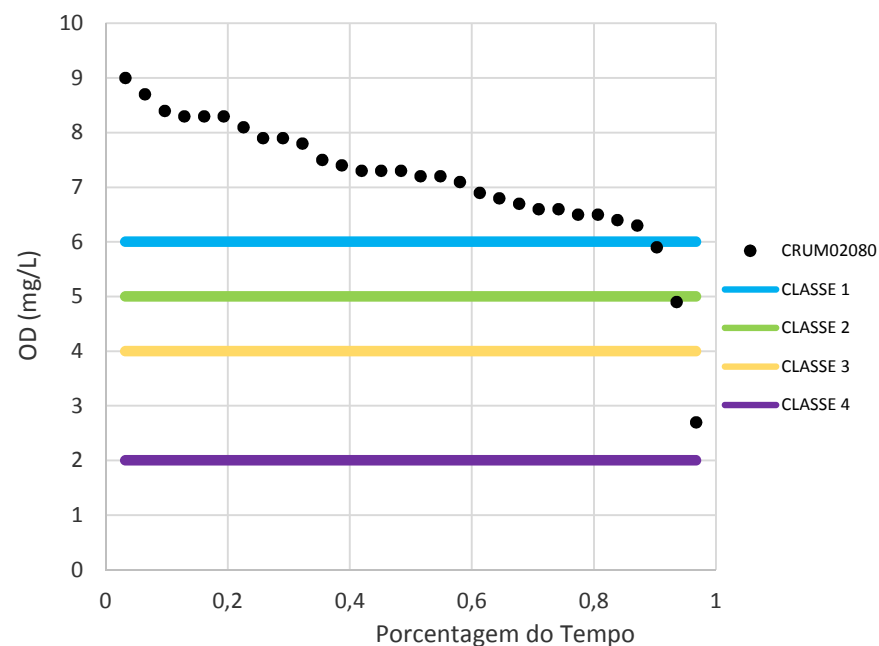
Rio Corumbataí
CRUM 02080

CRUM 02080 – Oxigênio Dissolvido (mg/L)

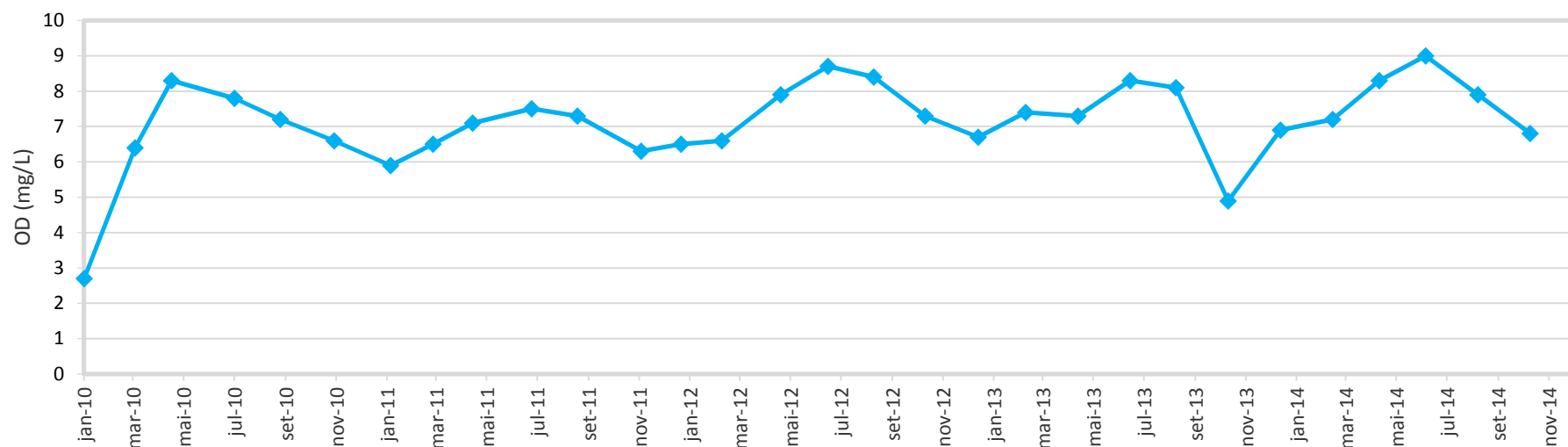
Porcentagem de Atendimento ao Padrão Classe 2 - OD



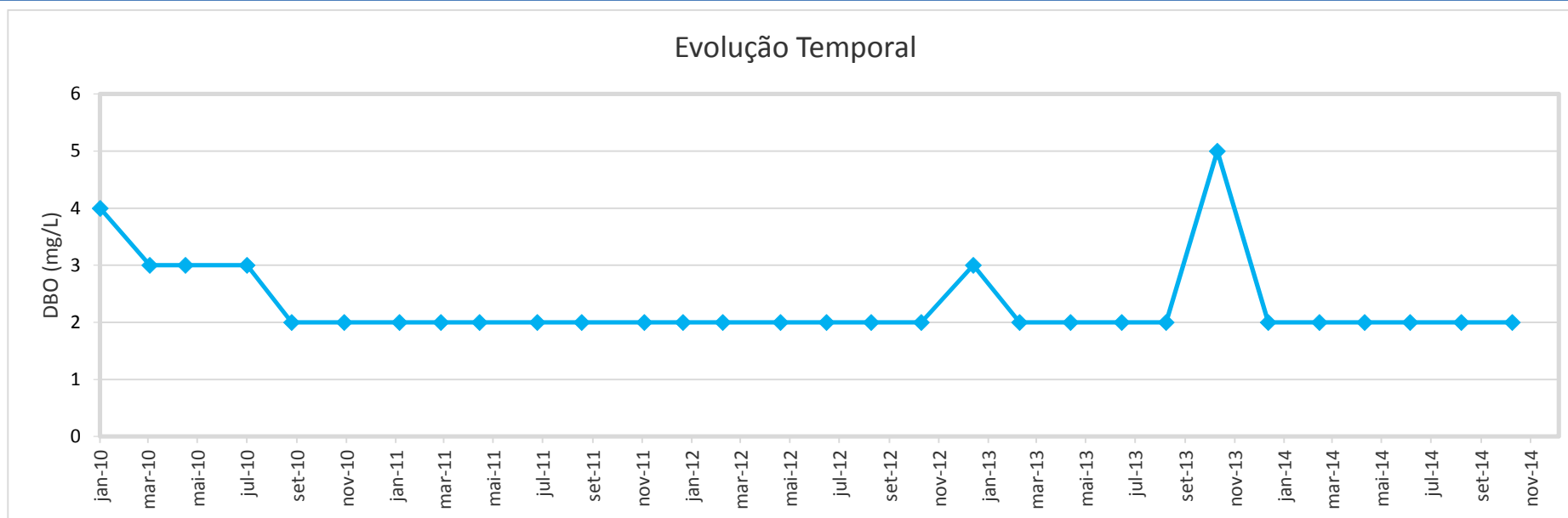
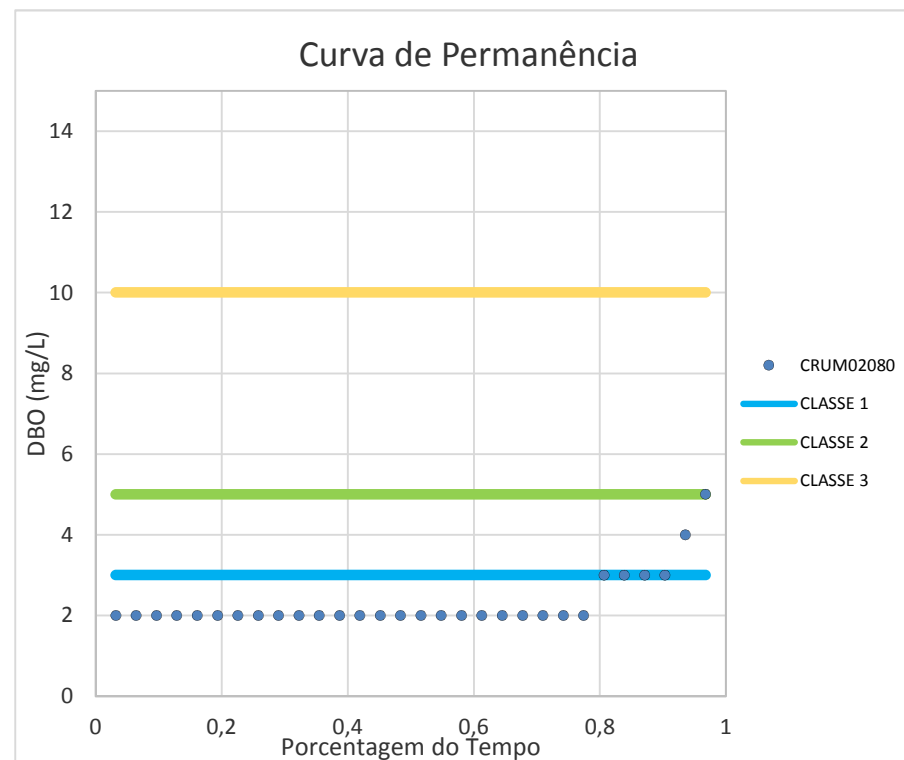
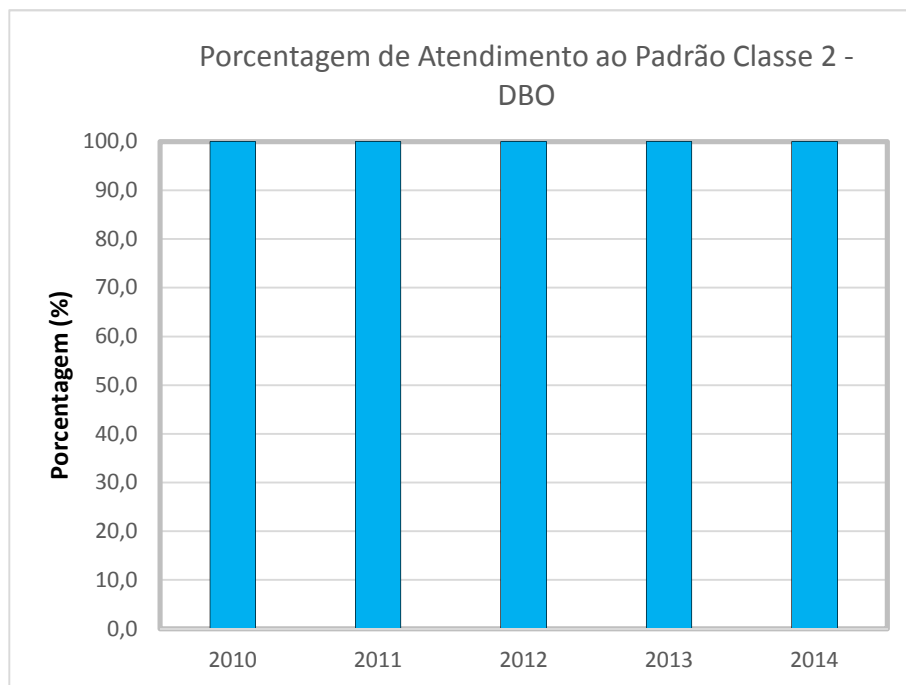
Curva de Permanência



Evolução Temporal

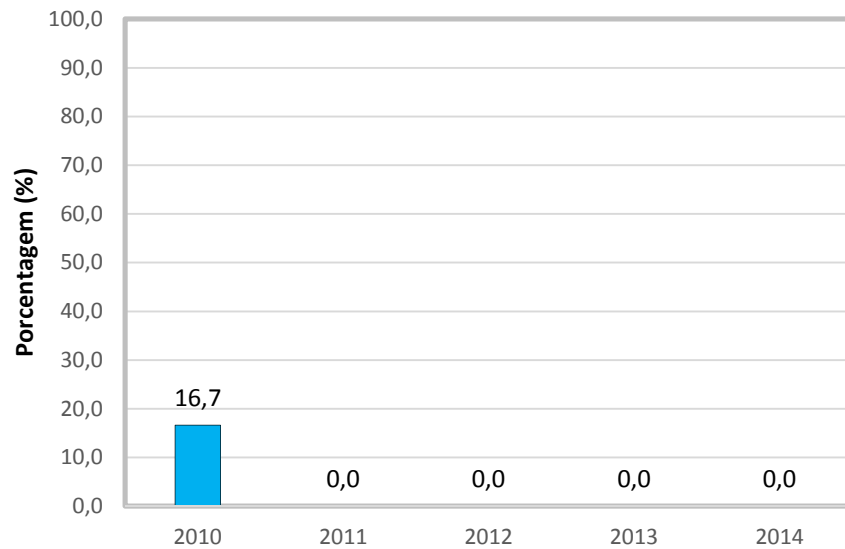


CRUM 02080 – DBO (mg/L)

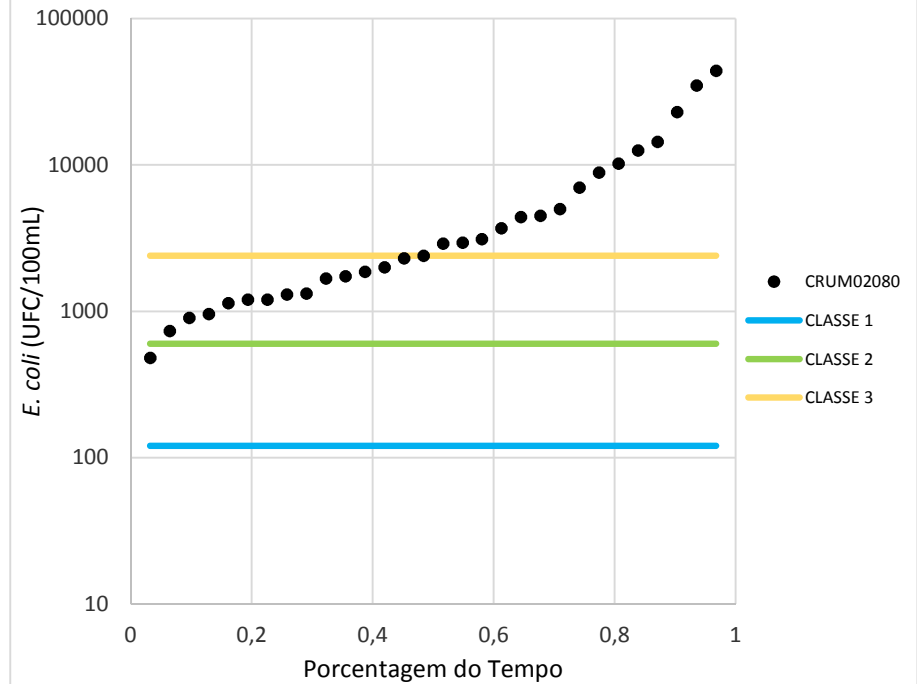


CRUM 02080 – *Escherichia coli* (UFC/100mL)

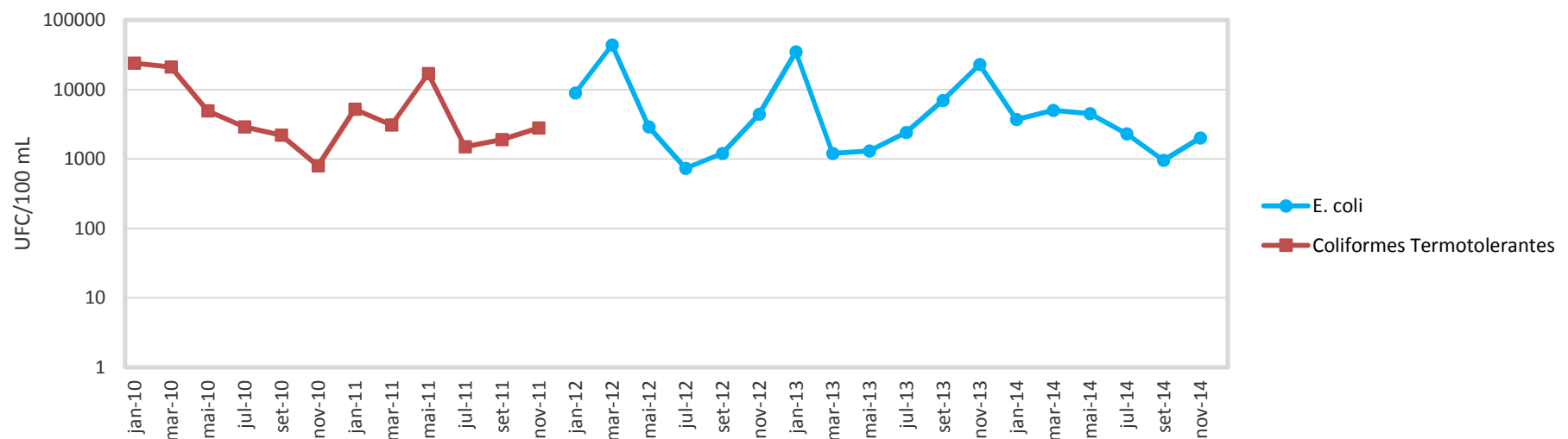
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



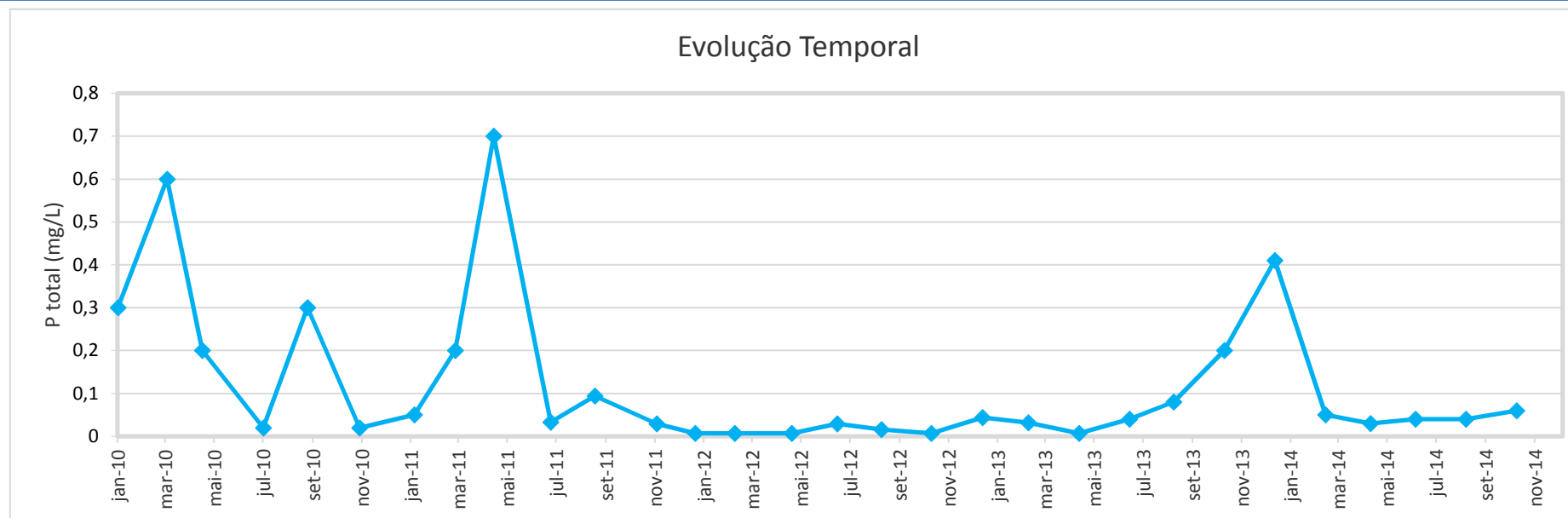
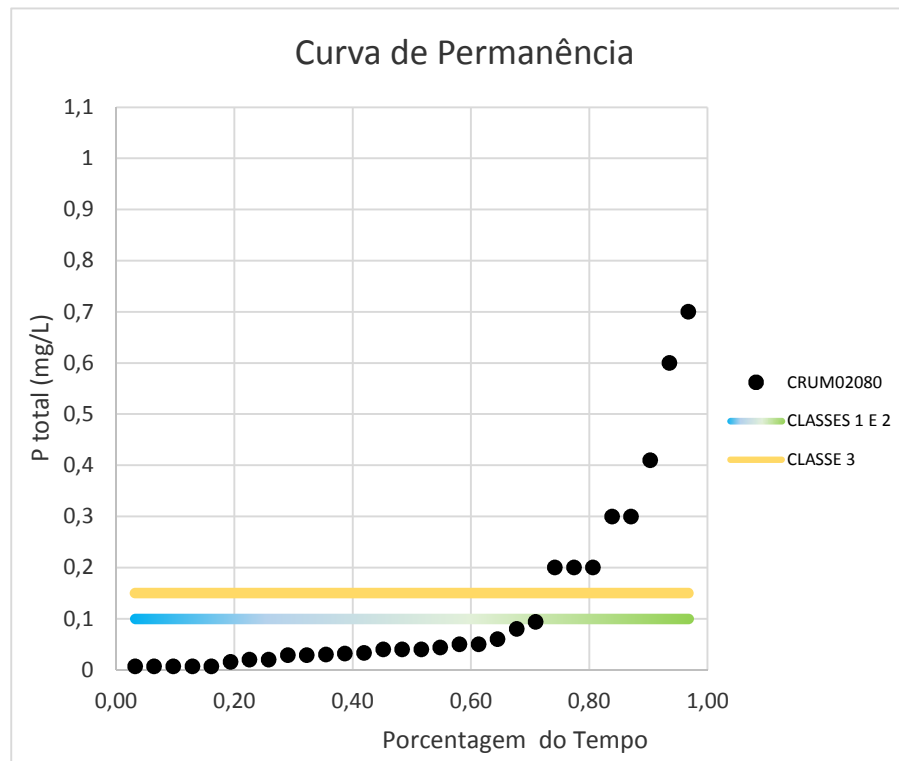
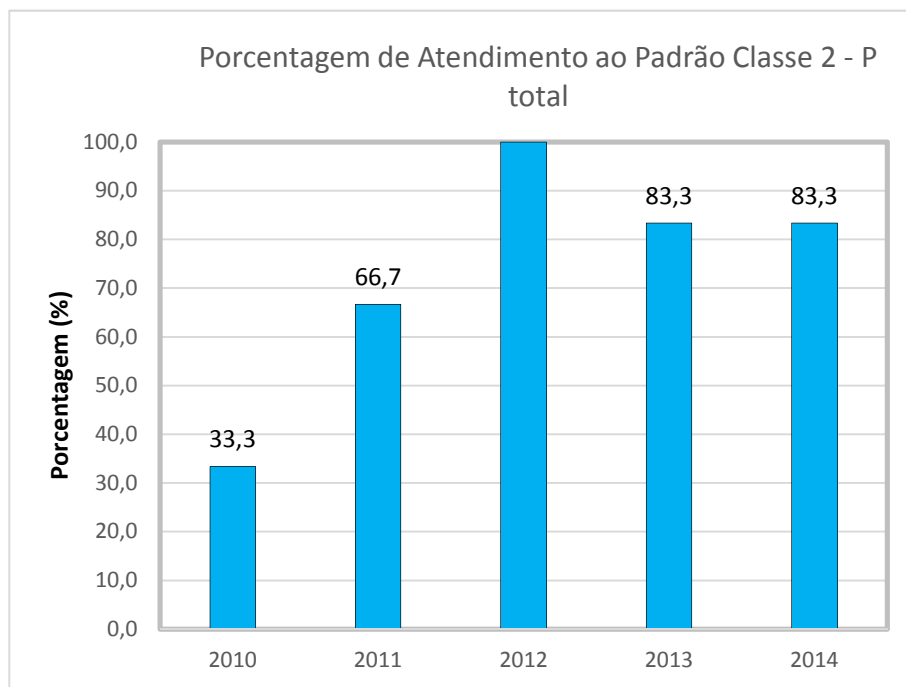
Curva de Permanência



Evolução Temporal

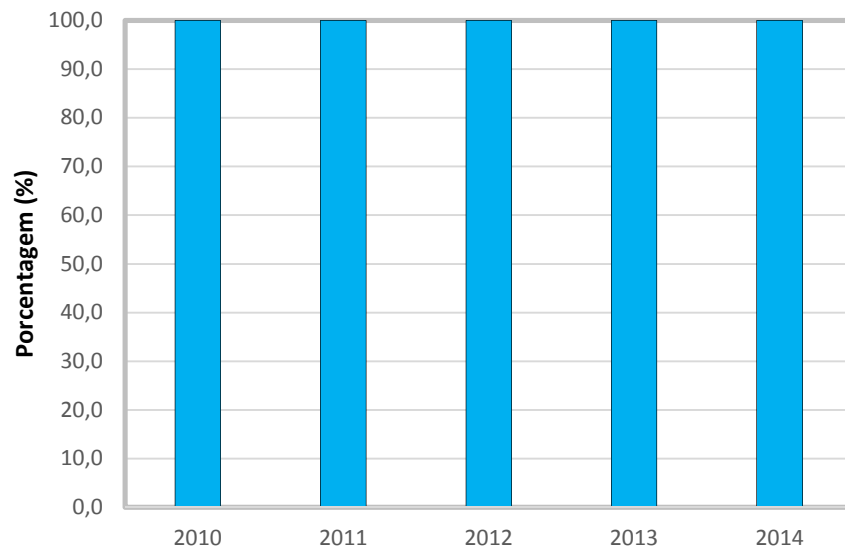


CRUM 02080 – Fósforo Total (mg/L)

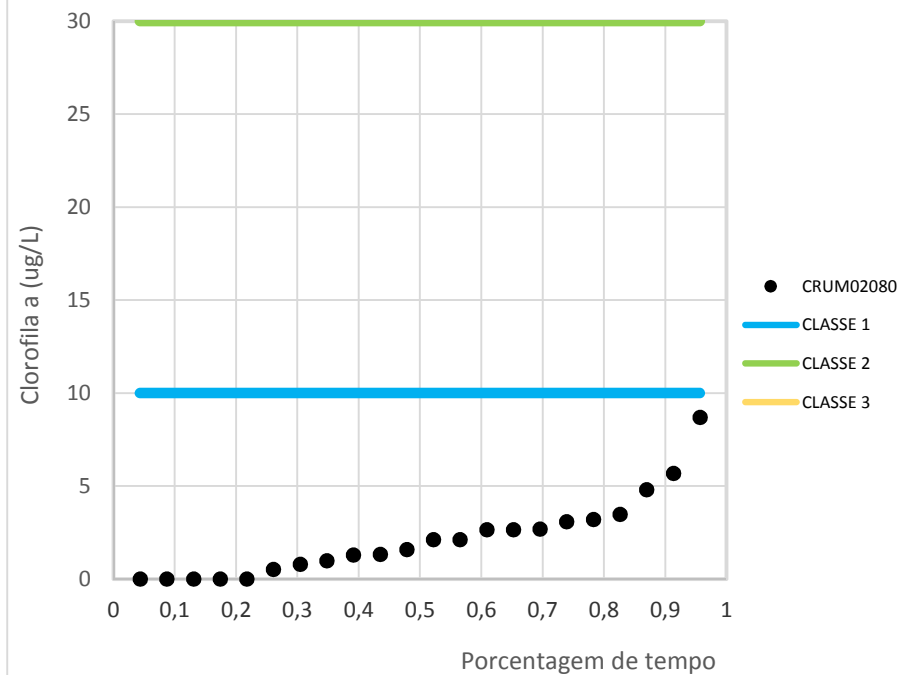


CRUM 02080 – Clorofila a ($\mu\text{g/L}$)

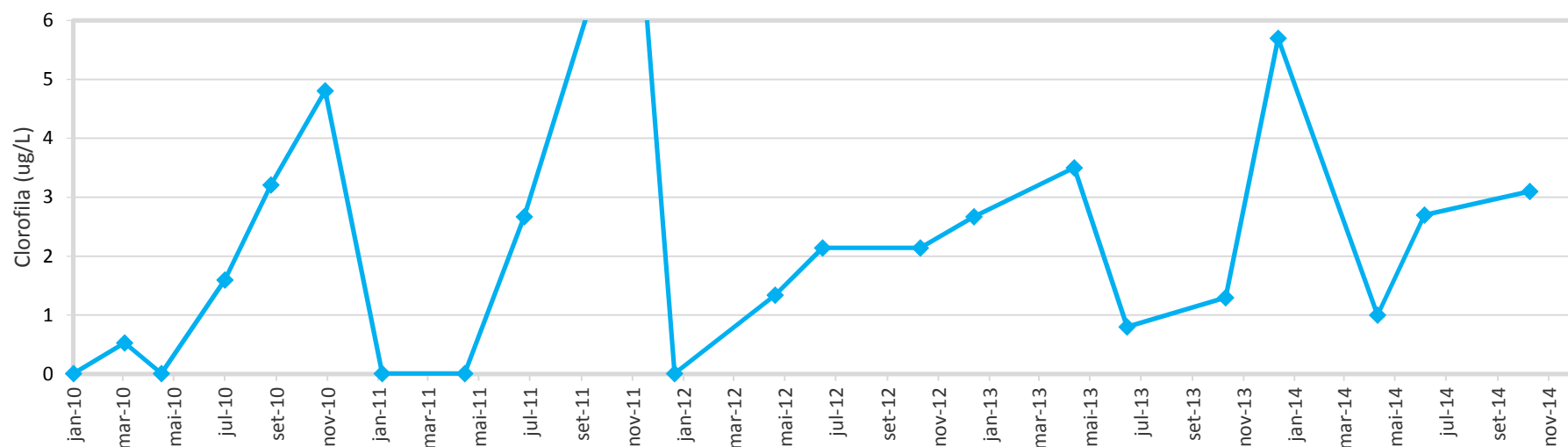
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila



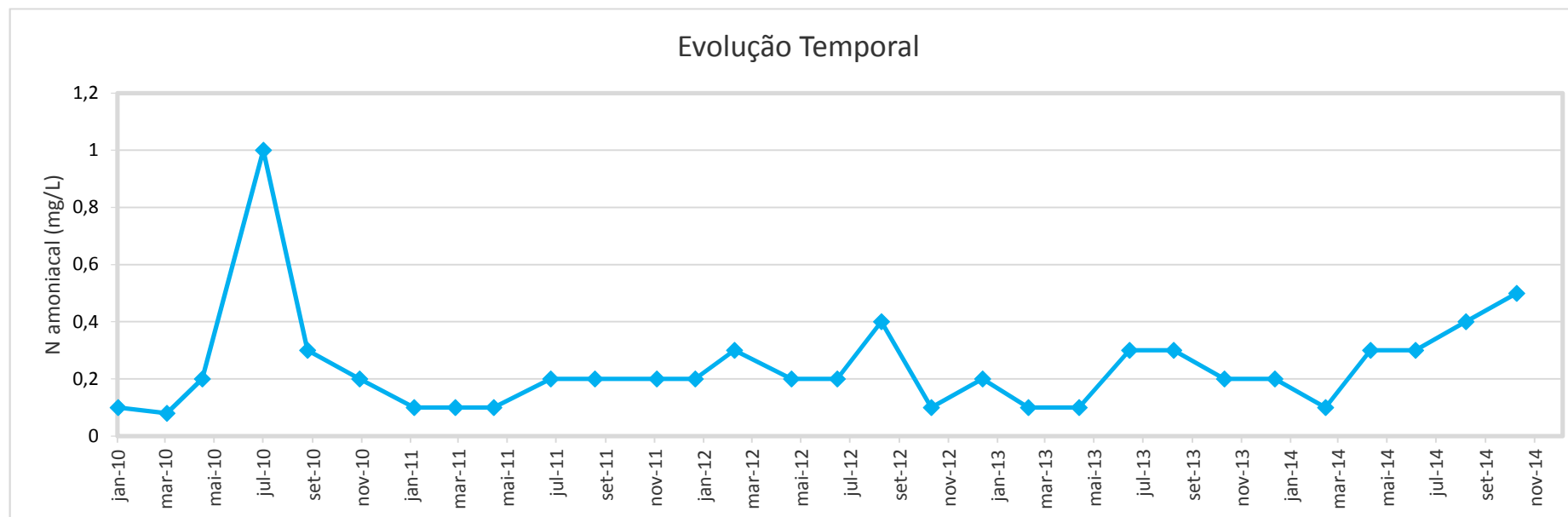
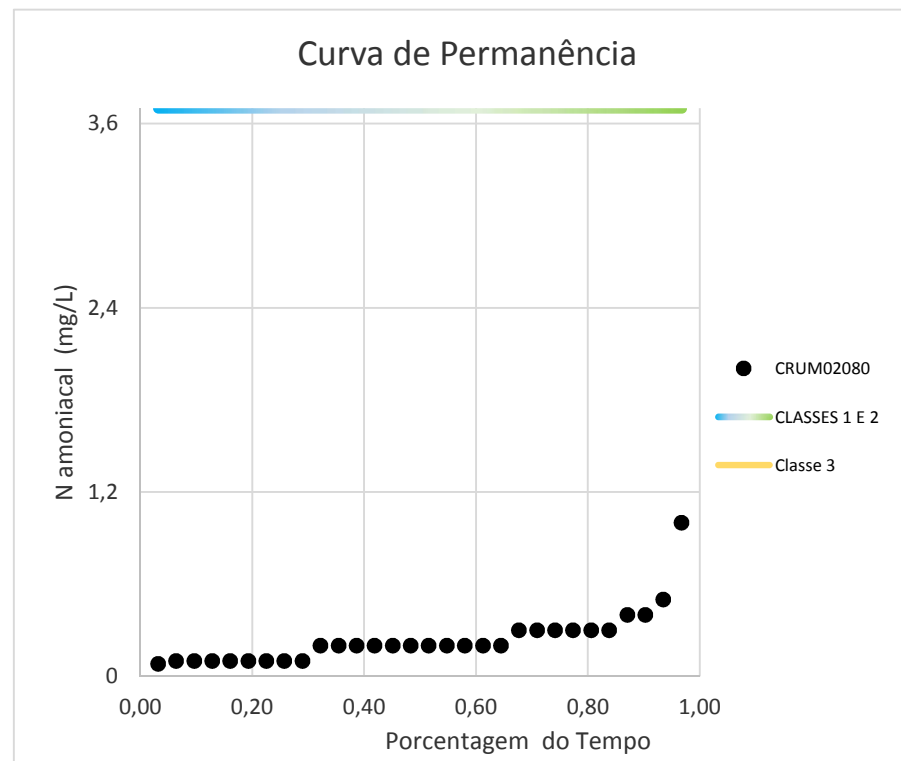
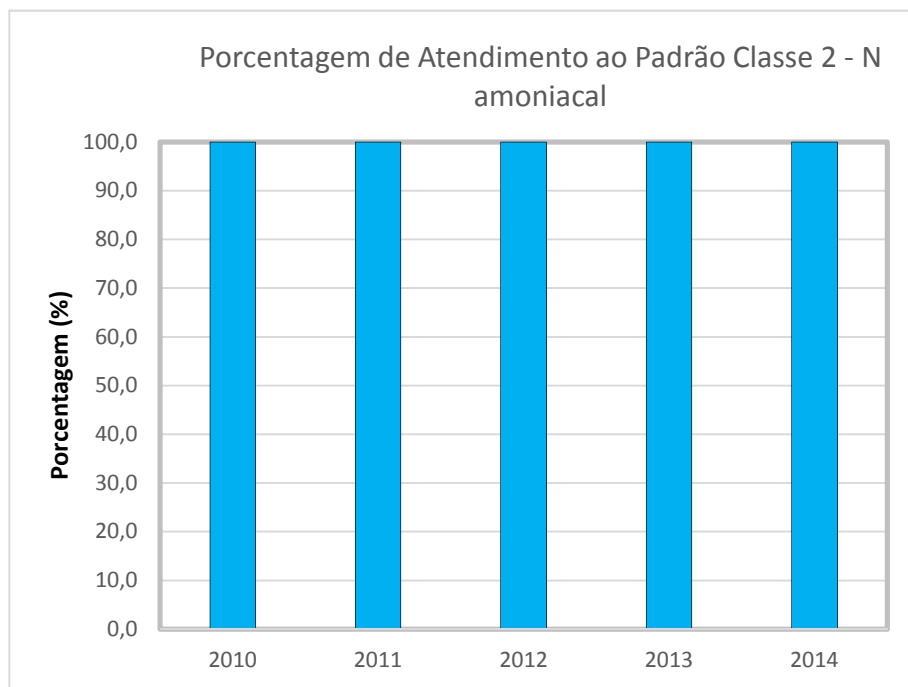
Curva de Permanência



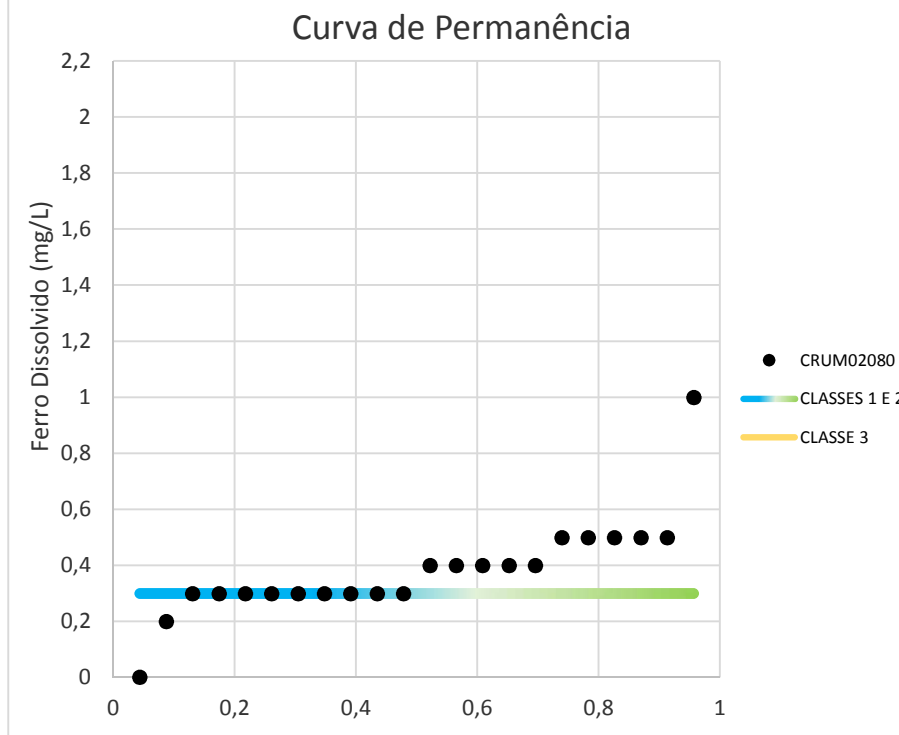
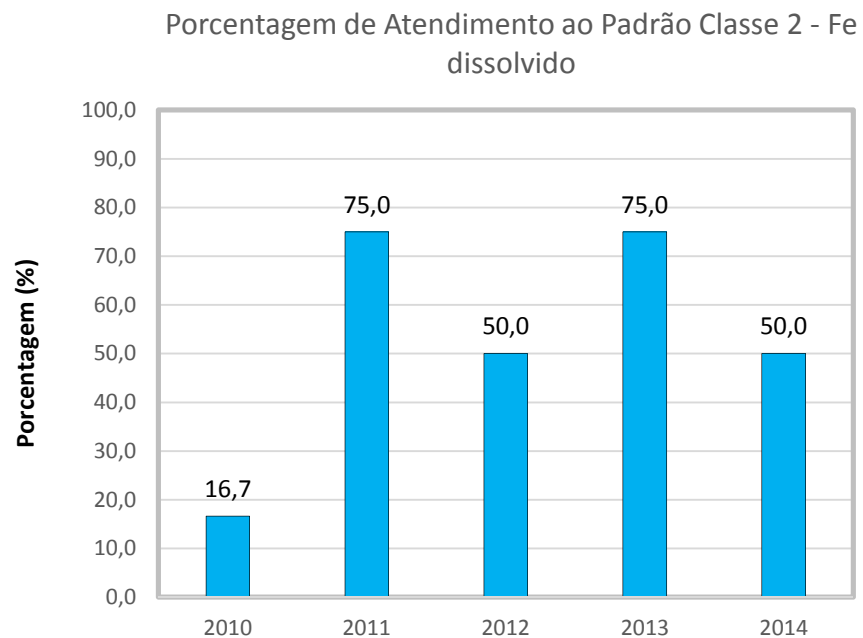
Evolução Temporal



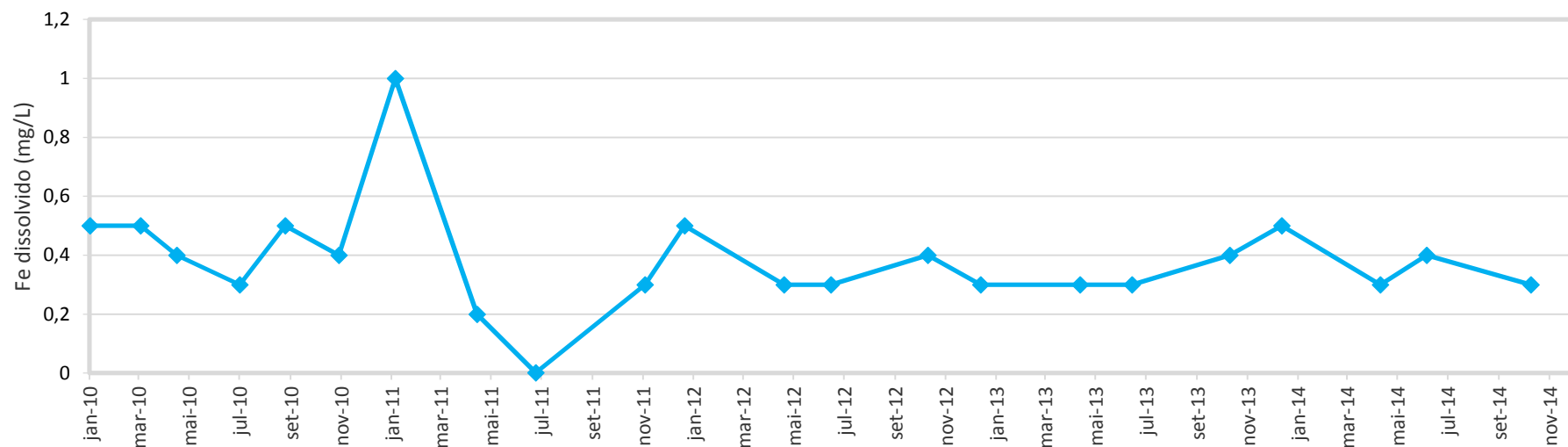
CRUM 02080 – Nitrogênio Amoniacal (mg/L)



CRUM 02080 – Ferro Dissolvido (mg/L)

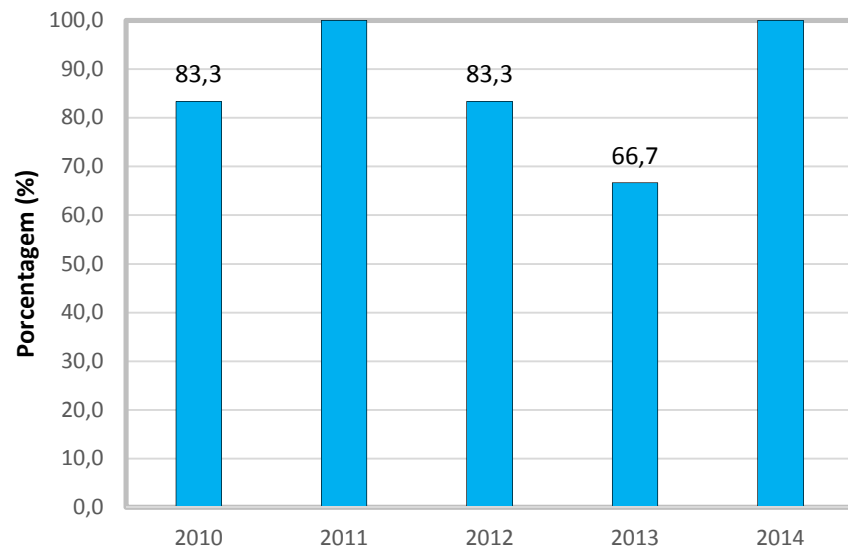


Evolução Temporal

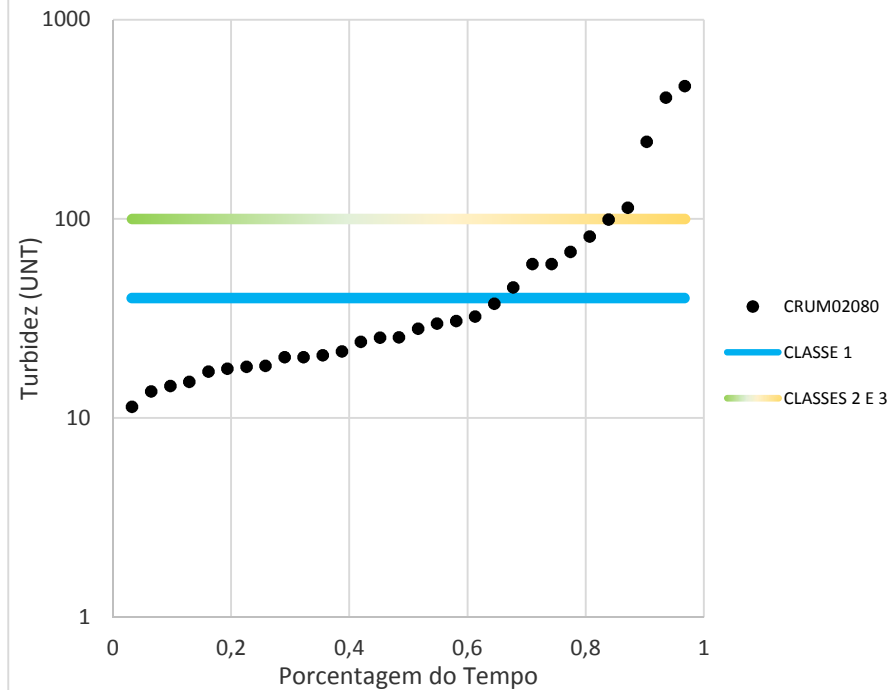


CRUM 02080 – Turbidez (UNT)

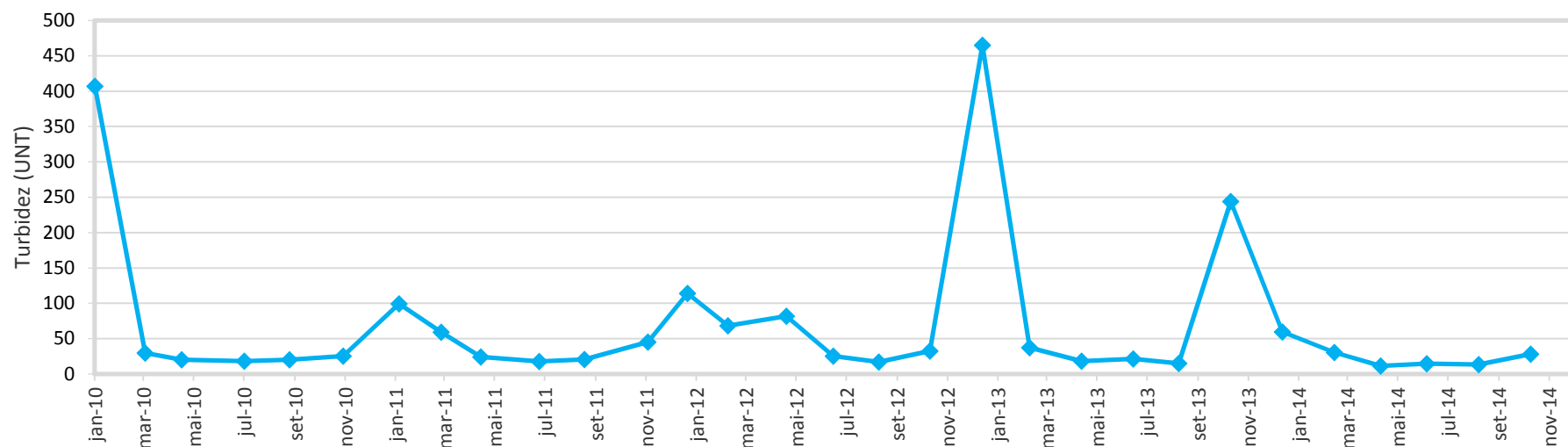
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (geral)



Curva de Permanência- Turbidez

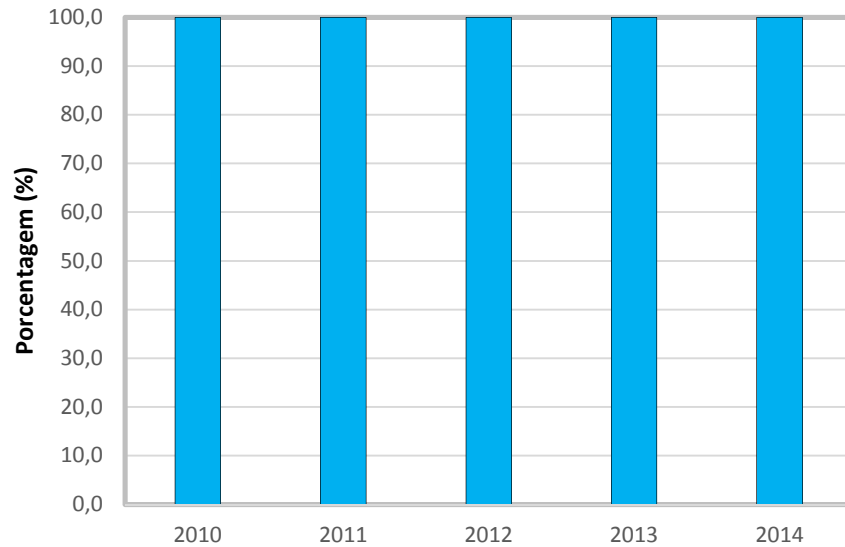


Evolução Temporal

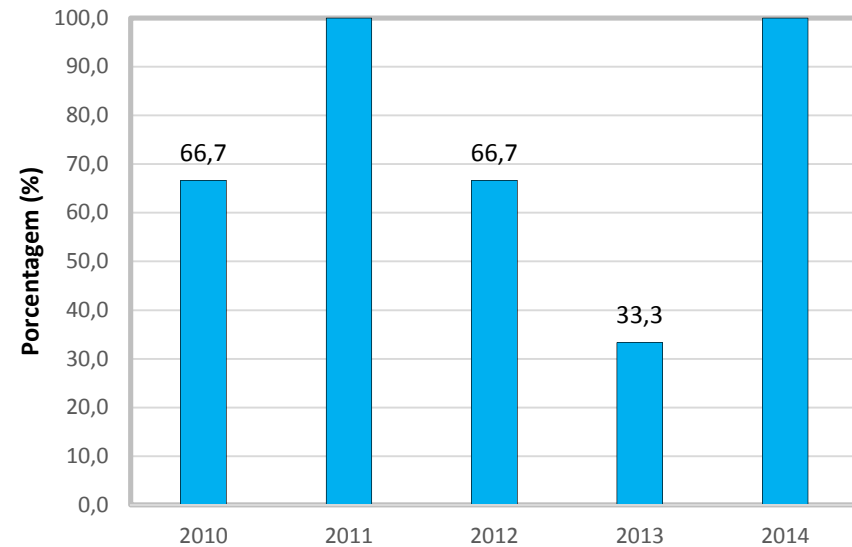


CRUM 02080 – Turbidez (Período Seco x Período Chuvoso)

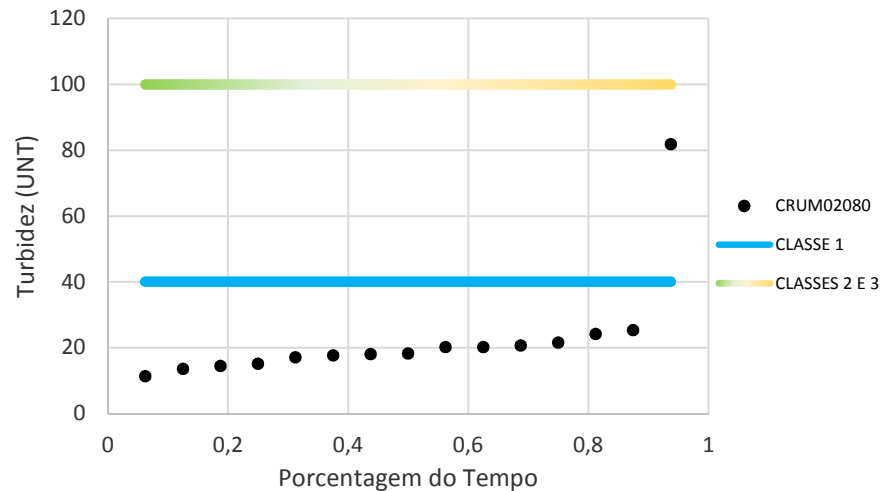
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



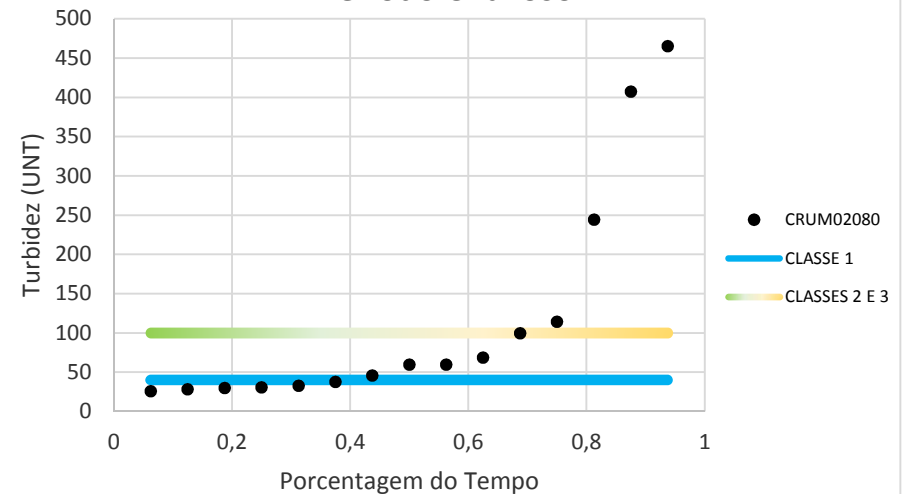
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

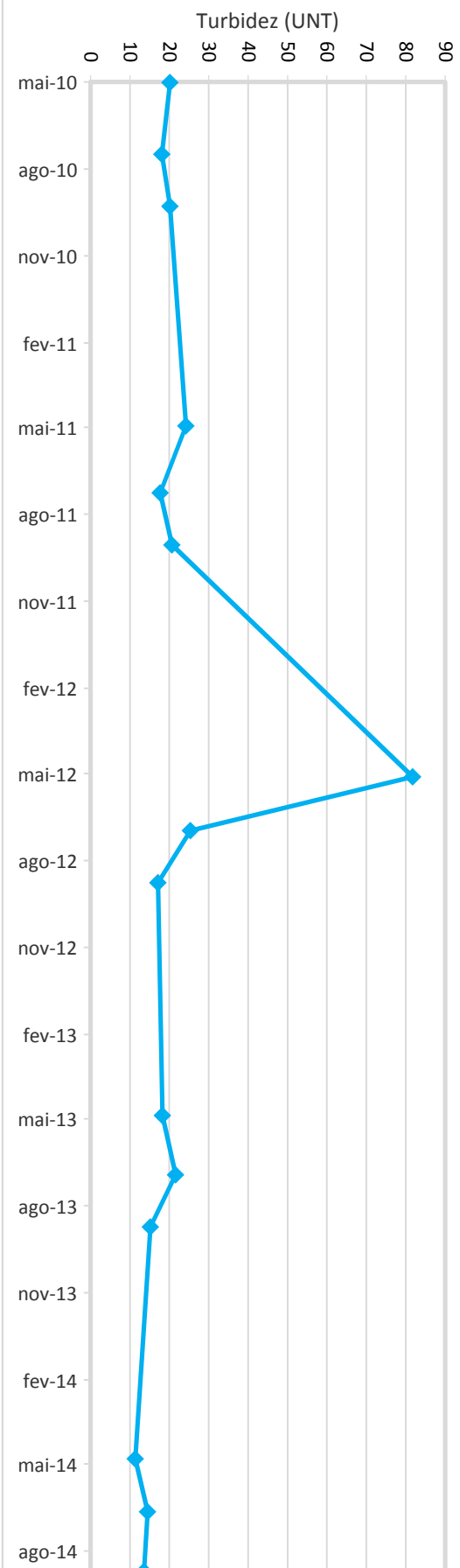


Curva de Permanência- Turbidez
Período Chuvoso

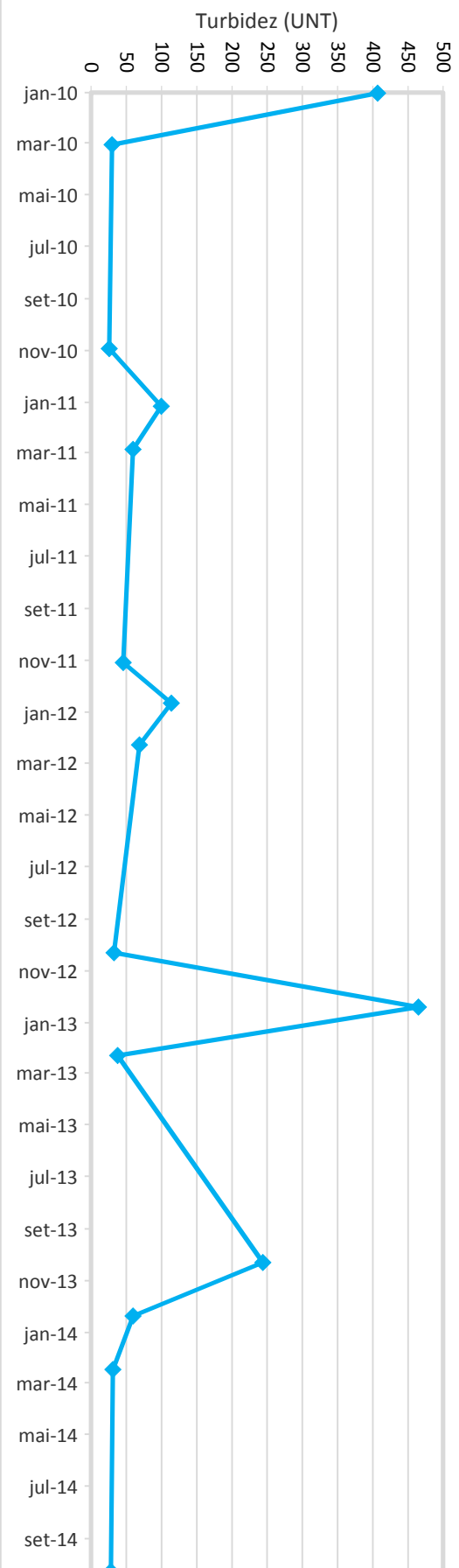


CRUM 02080 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

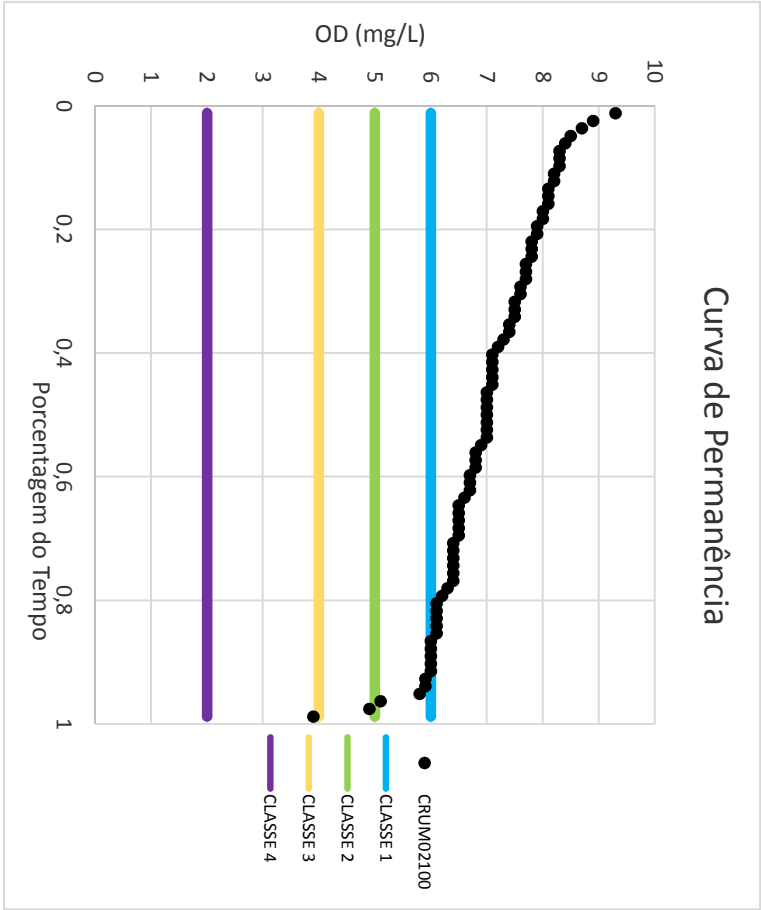
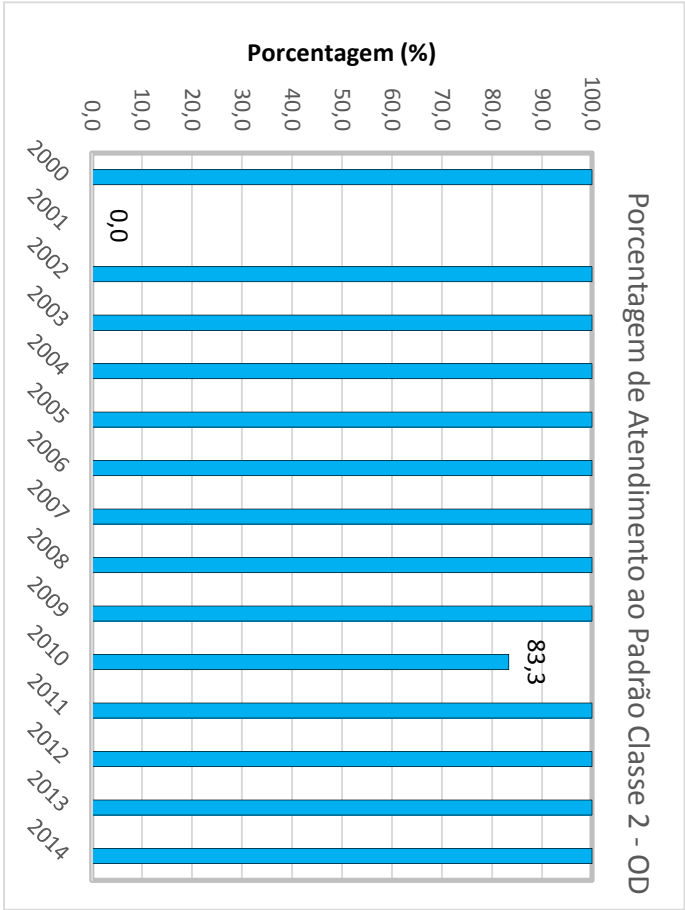


Evolução Temporal - Período Chuvoso

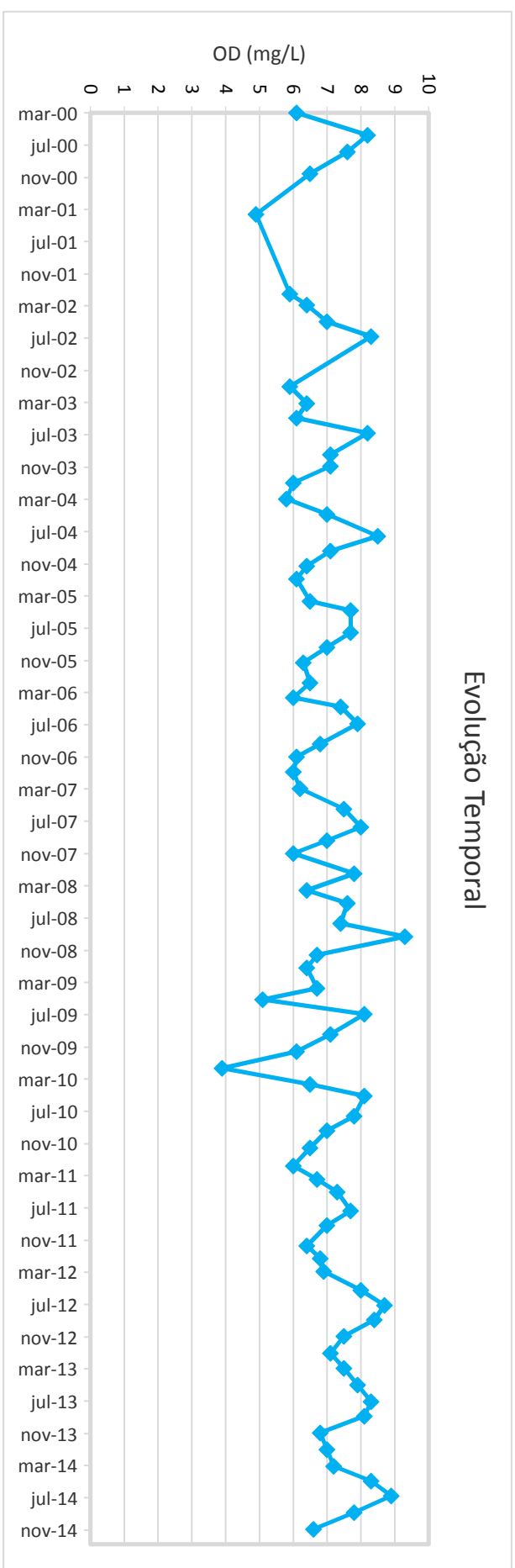


Rio Corumbataí
CRUM 02100

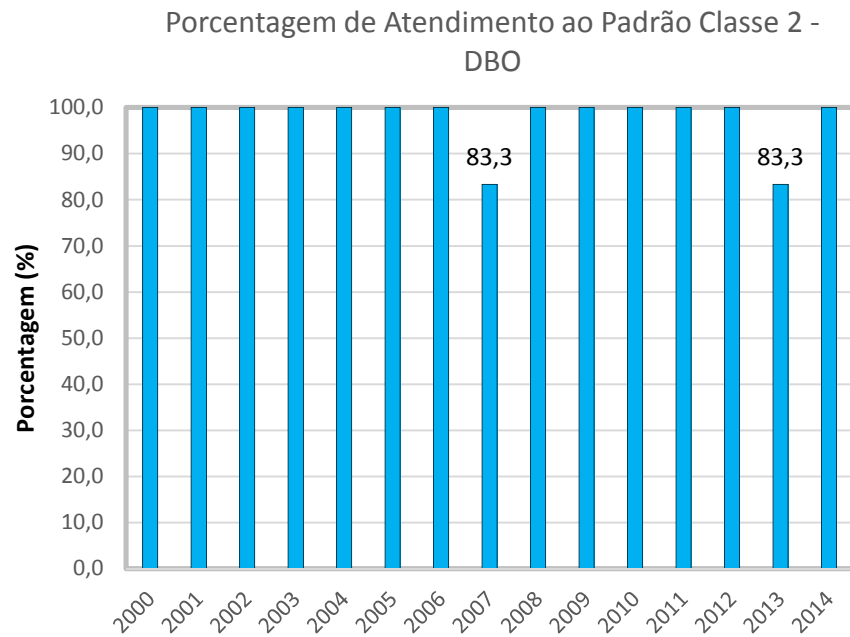
CRUM 02100 – Oxigênio Dissolvido (mg/L)



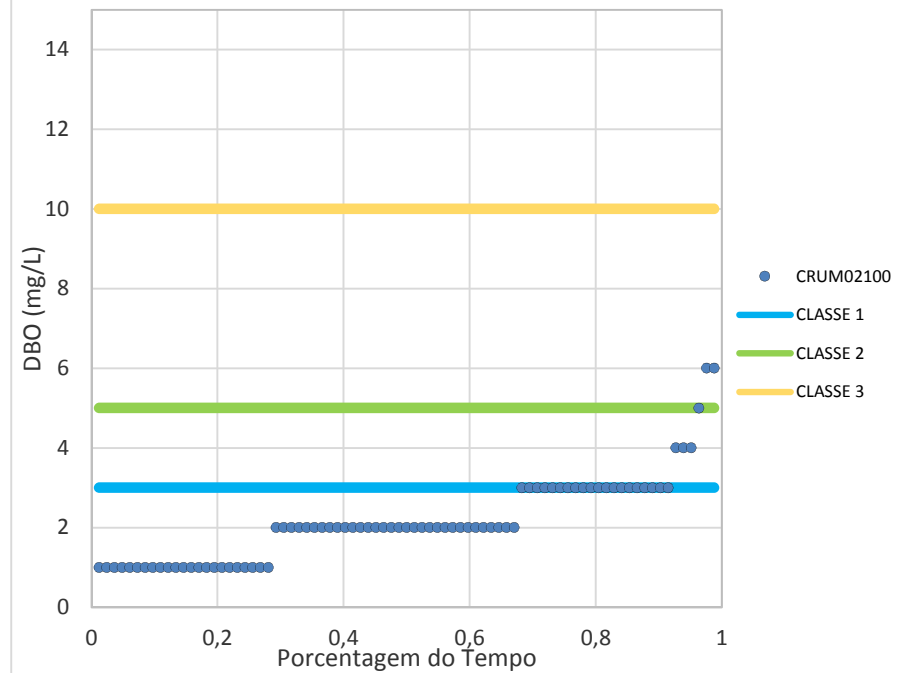
Evolução Temporal



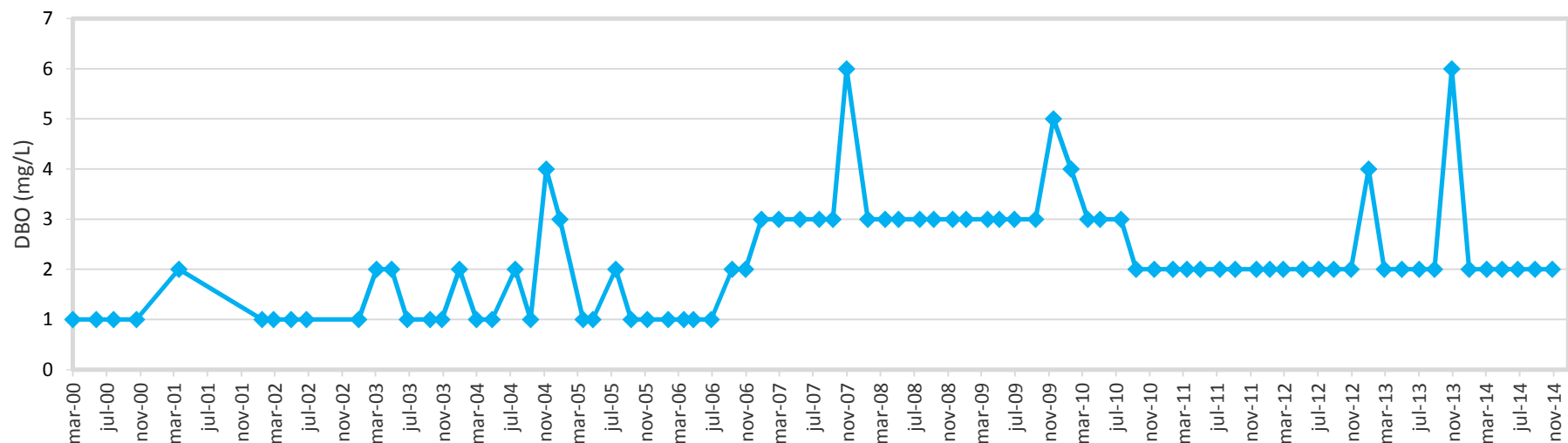
CRUM 02100 – DBO (mg/L)



Curva de Permanência

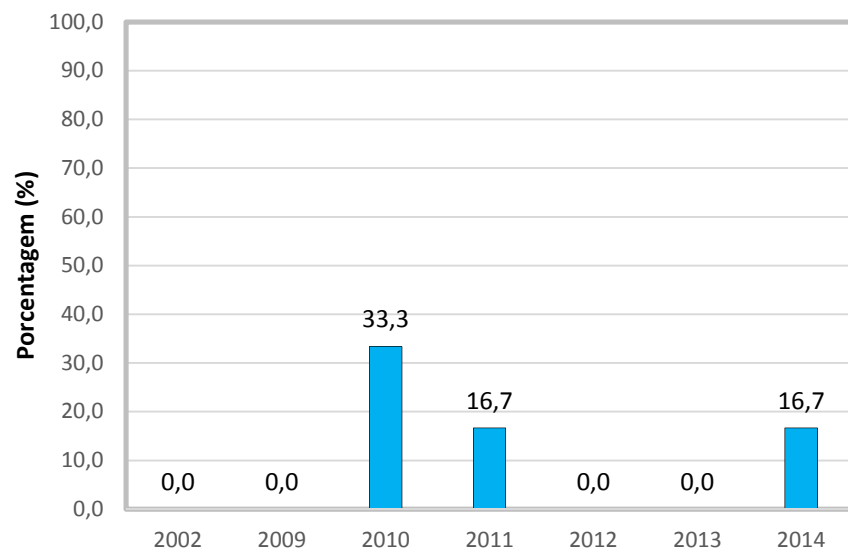


Evolução Temporal

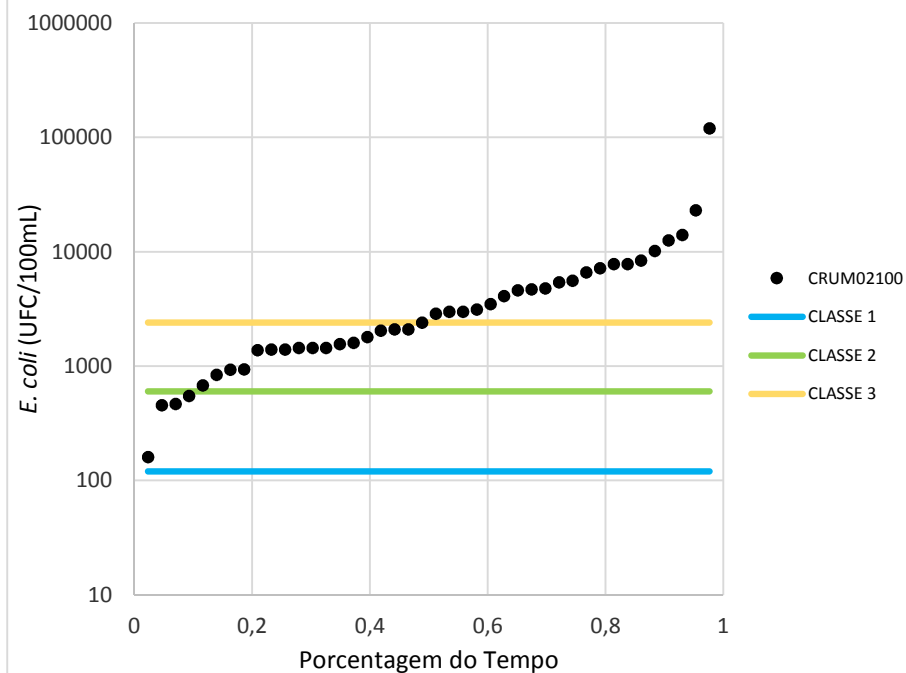


CRUM 02100 – *Escherichia coli* (UFC/100mL)

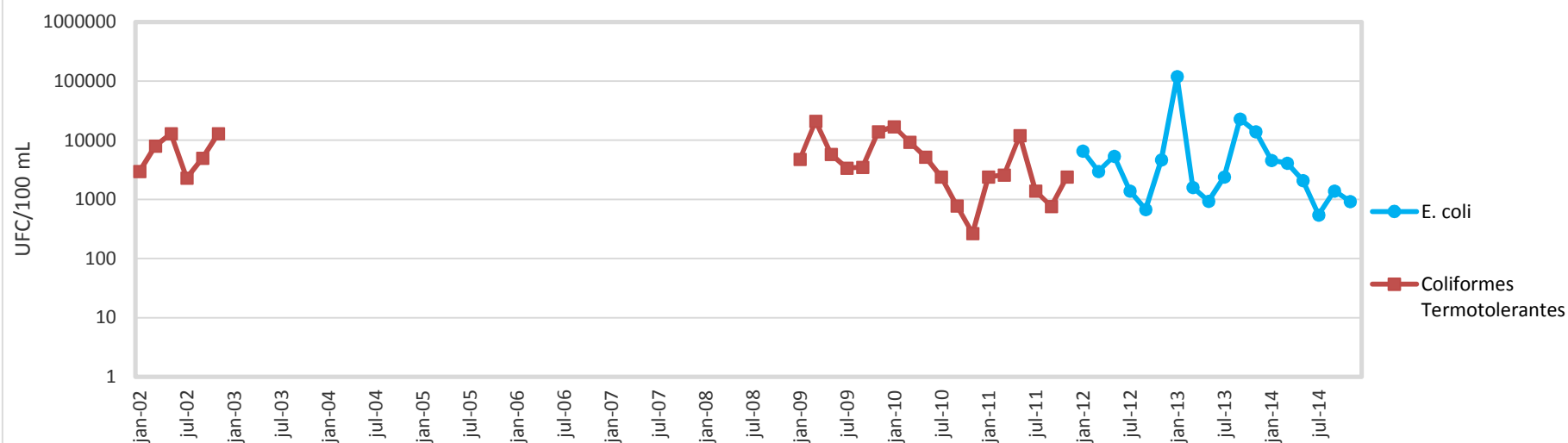
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



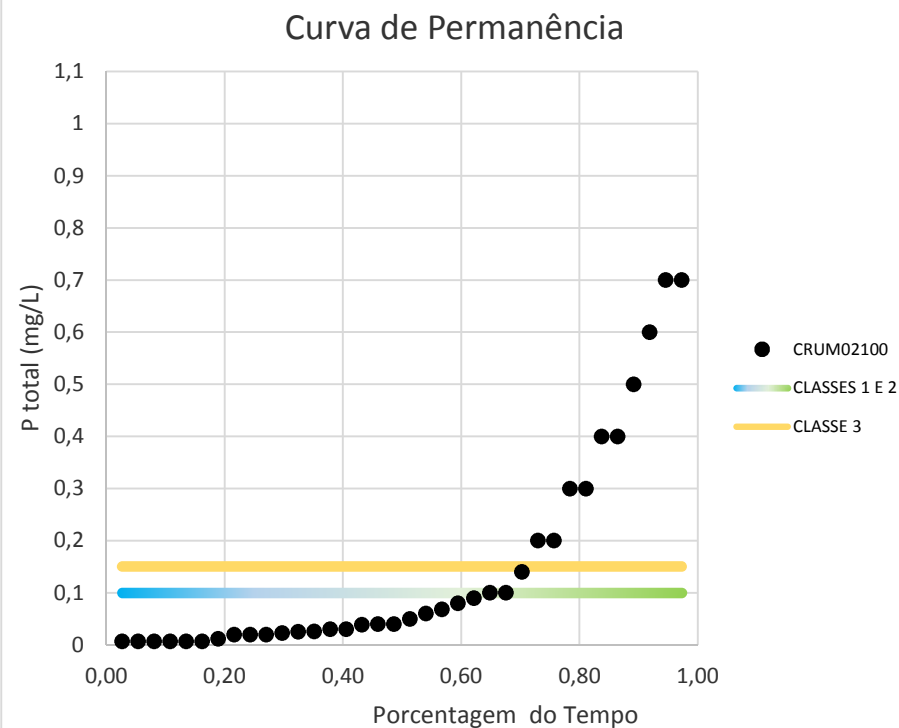
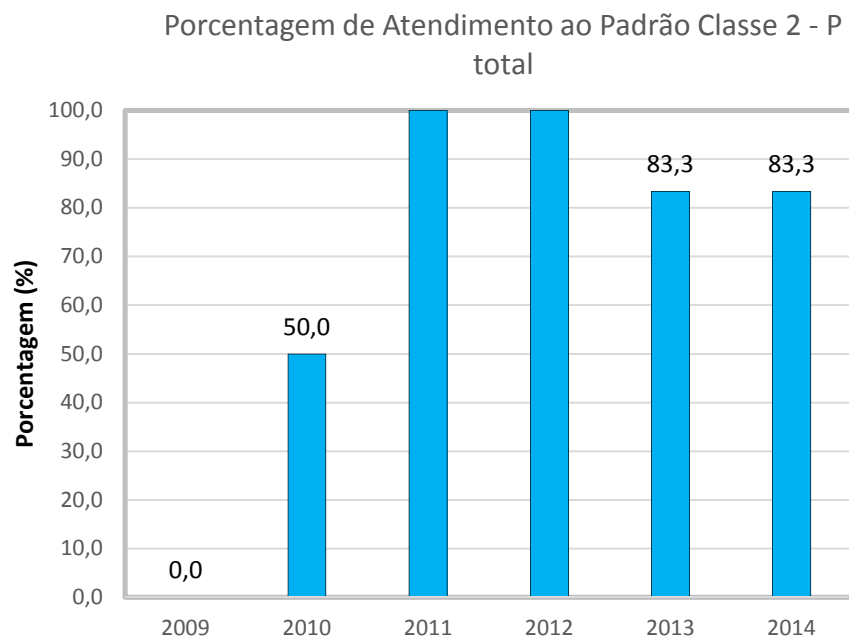
Curva de Permanência



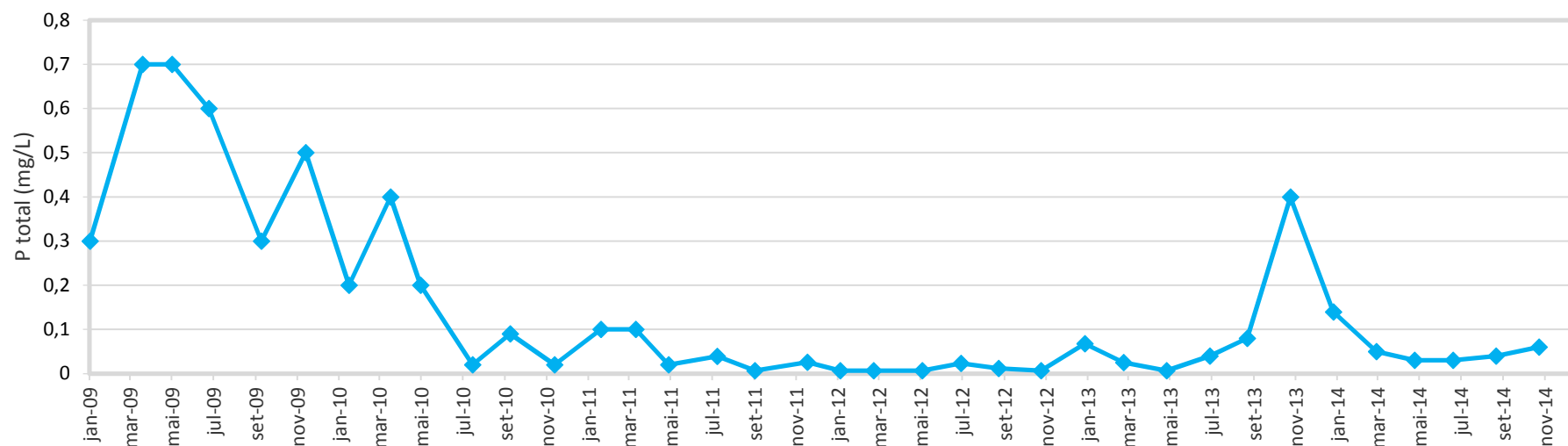
Evolução Temporal



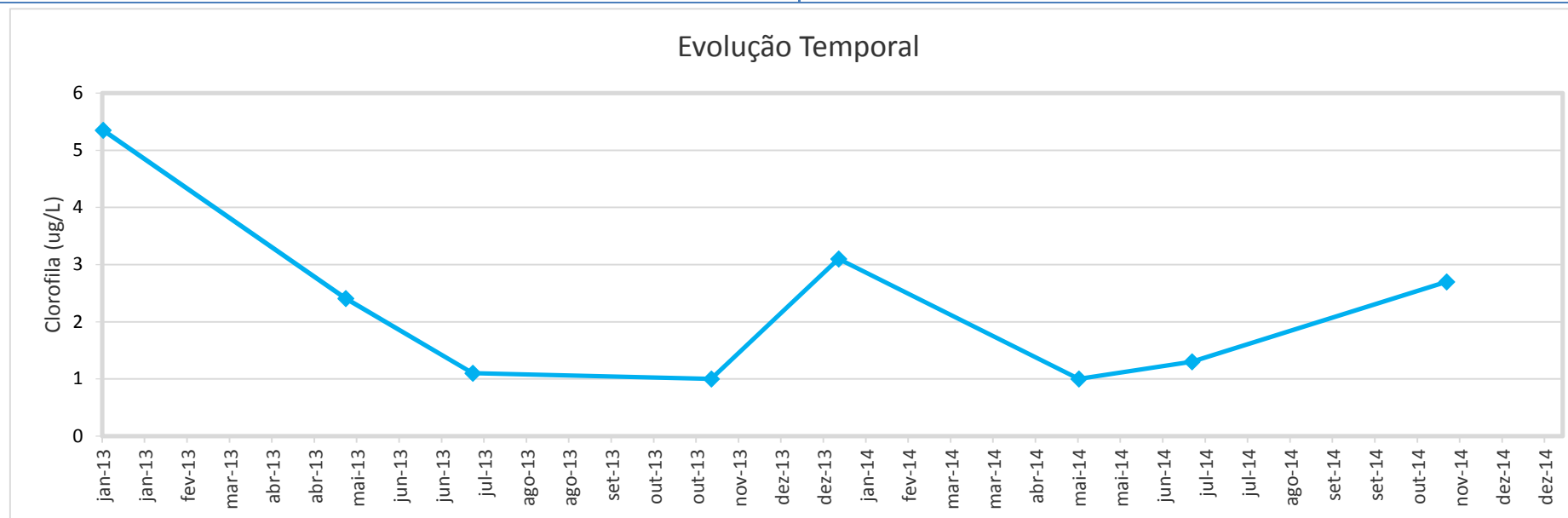
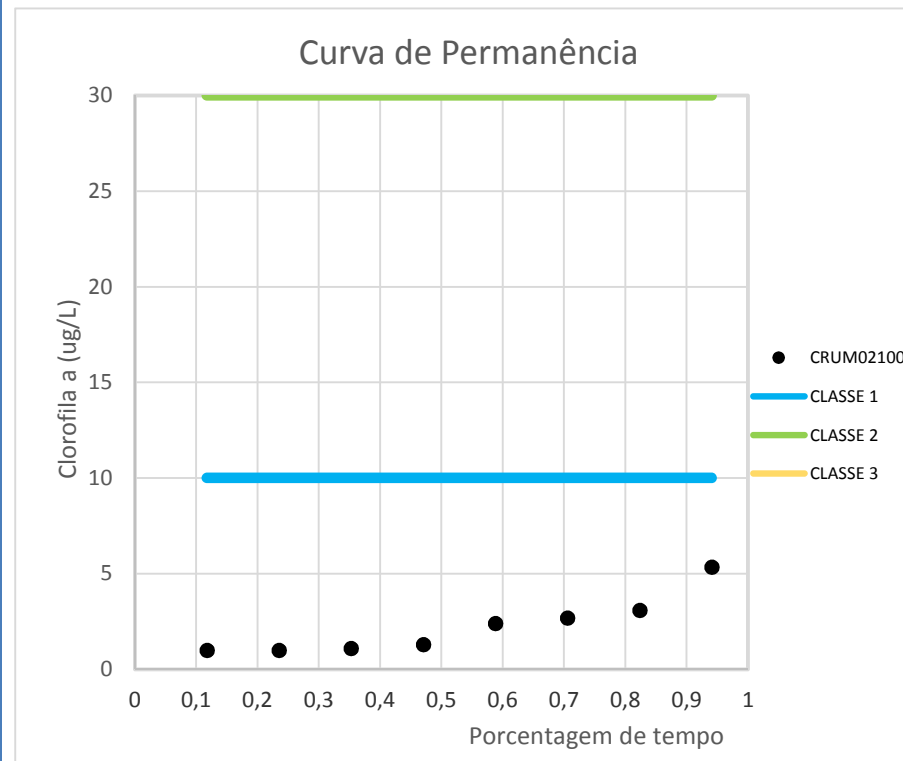
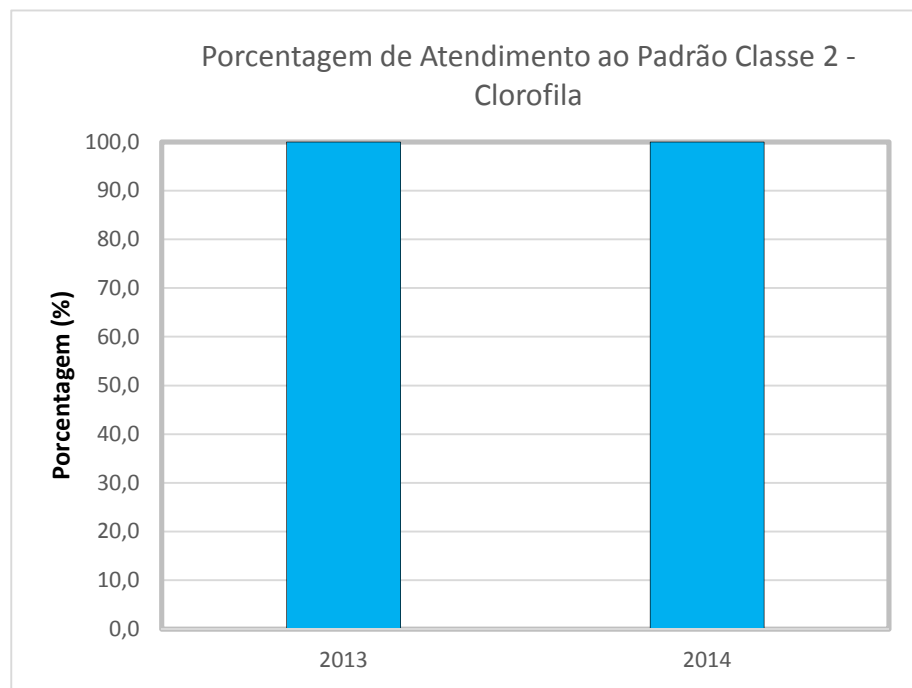
CRUM 02100 – Fósforo Total (mg/L)



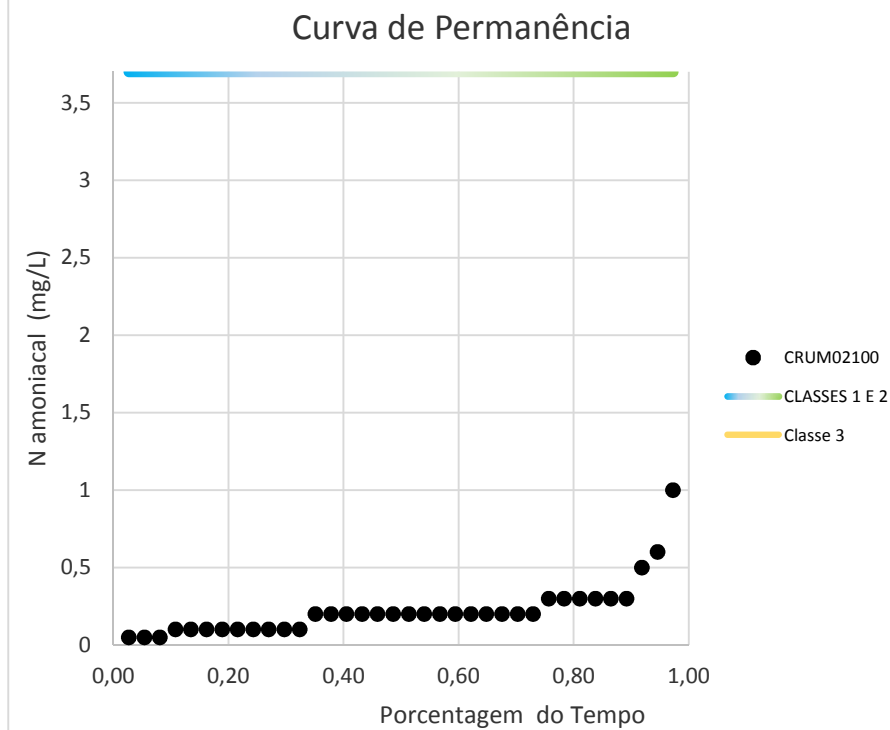
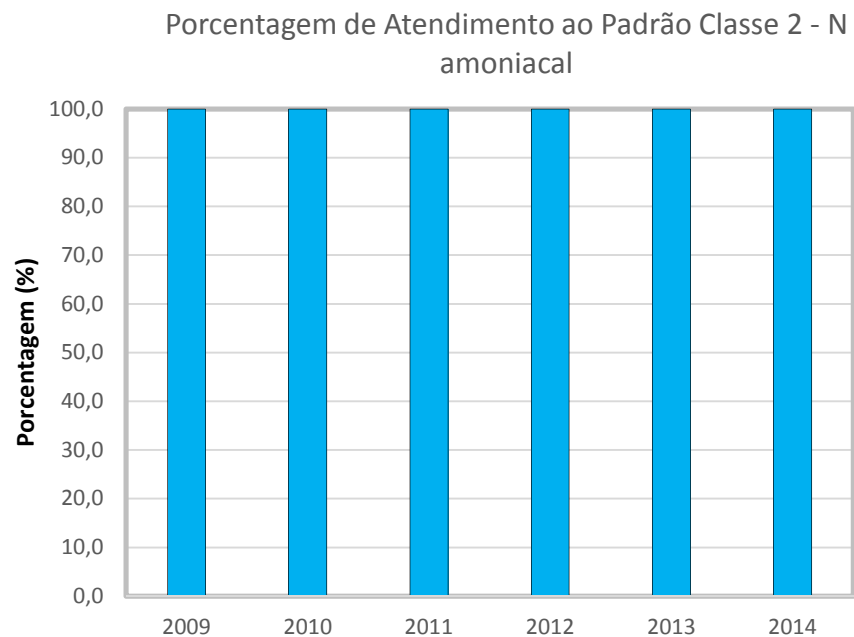
Evolução Temporal



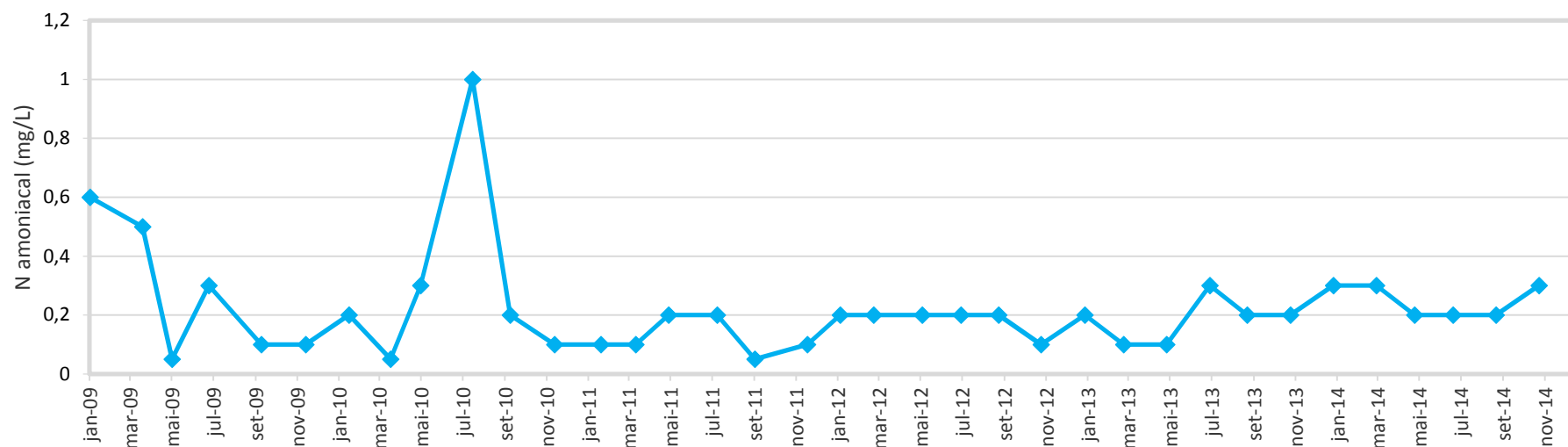
CRUM 02100 – Clorofila a ($\mu\text{g/L}$)



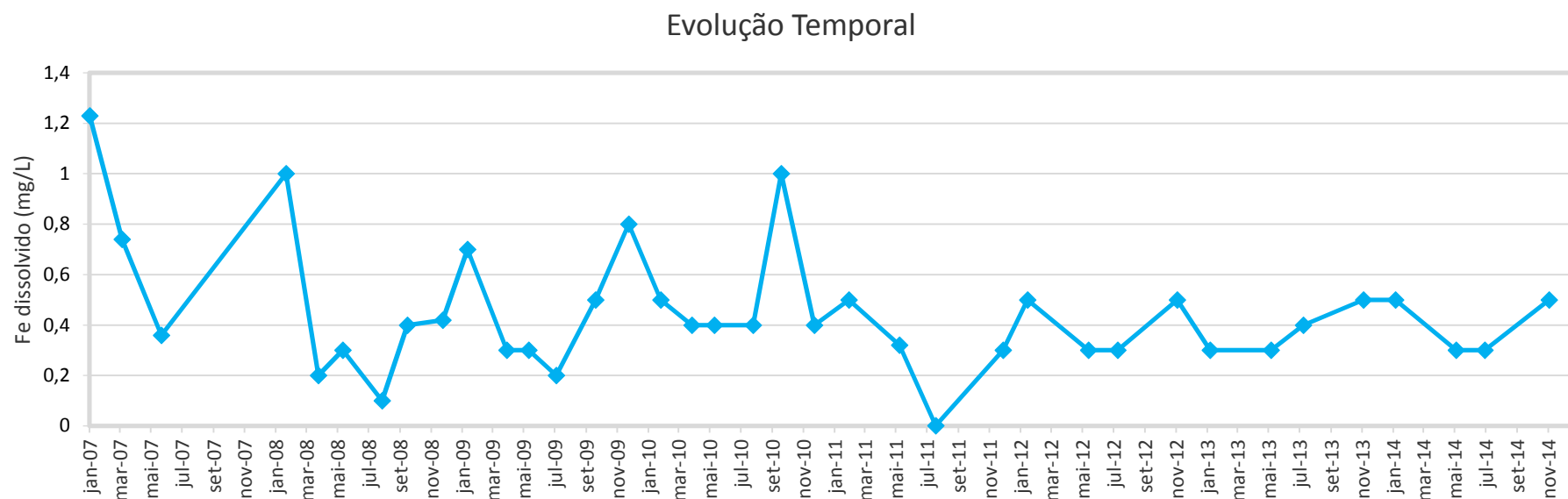
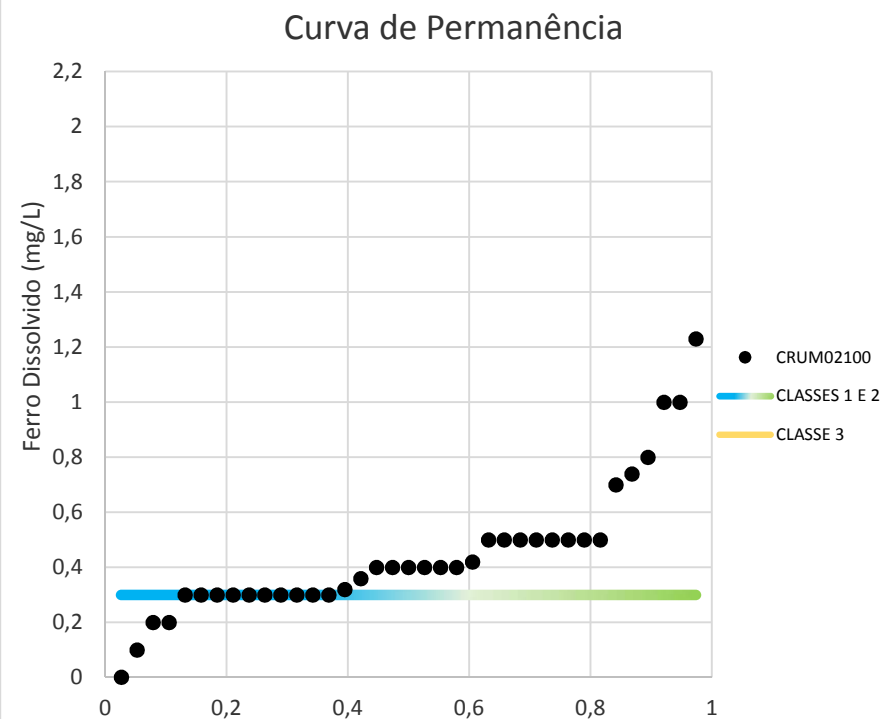
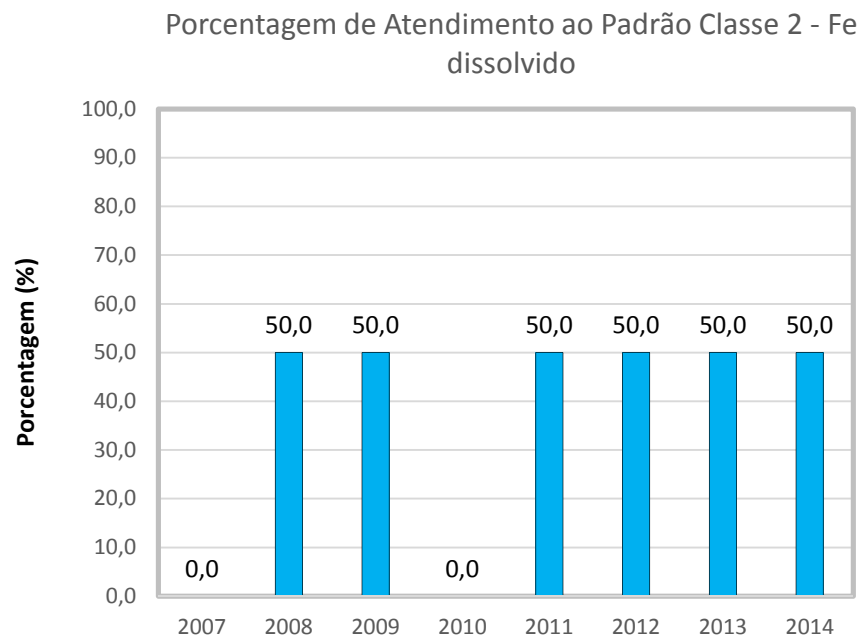
CRUM 02100 – Nitrogênio Amoniacal (mg/L)



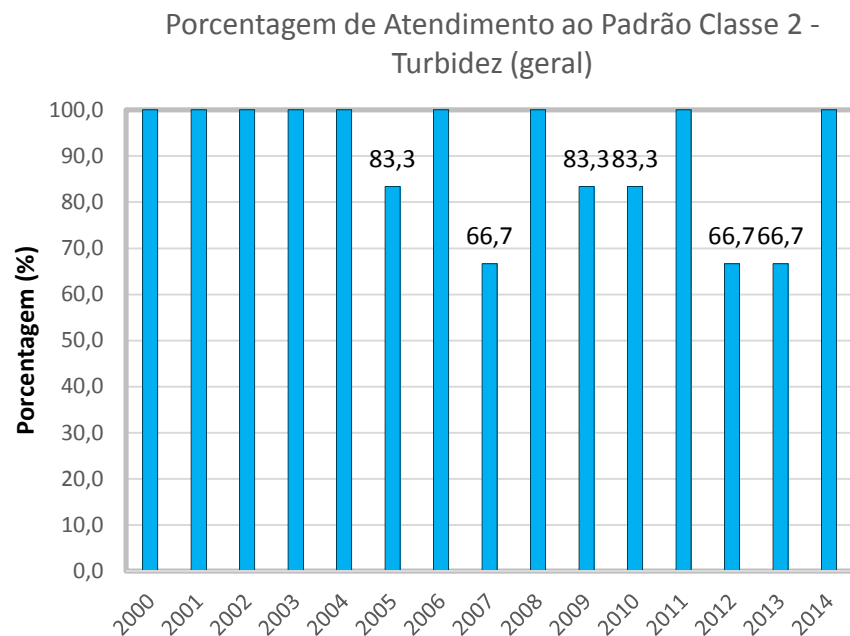
Evolução Temporal



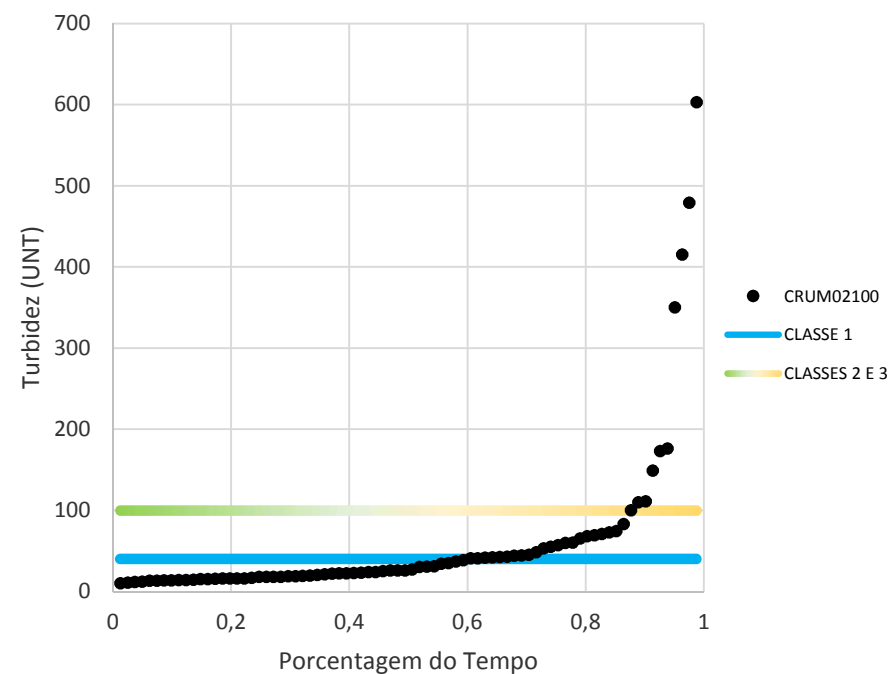
CRUM 02100 – Ferro Dissolvido (mg/L)



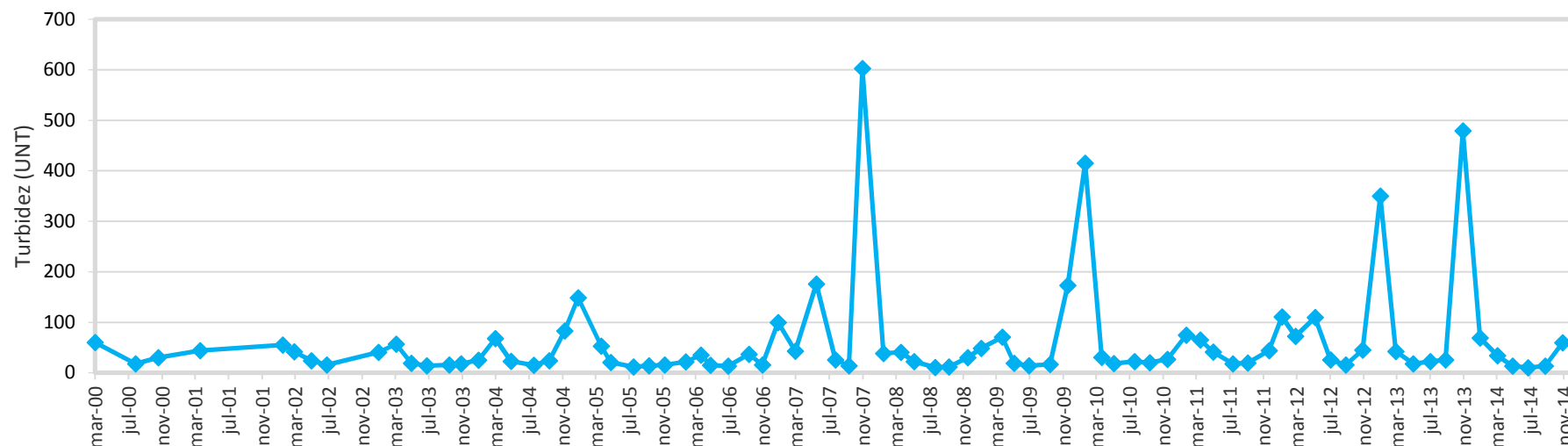
CRUM 02100 – Turbidez (UNT)



Curva de Permanência- Turbidez

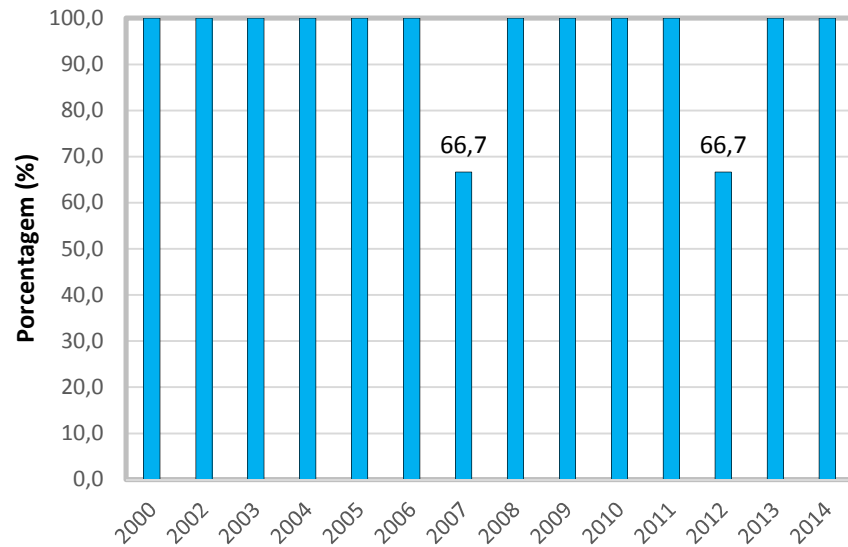


Evolução Temporal

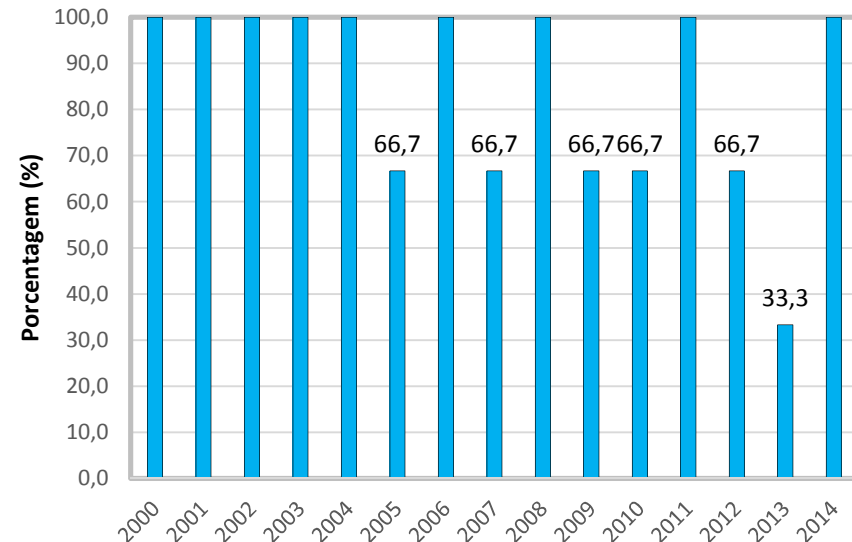


CRUM 02100 – Turbidez (Período Seco x Período Chuvoso)

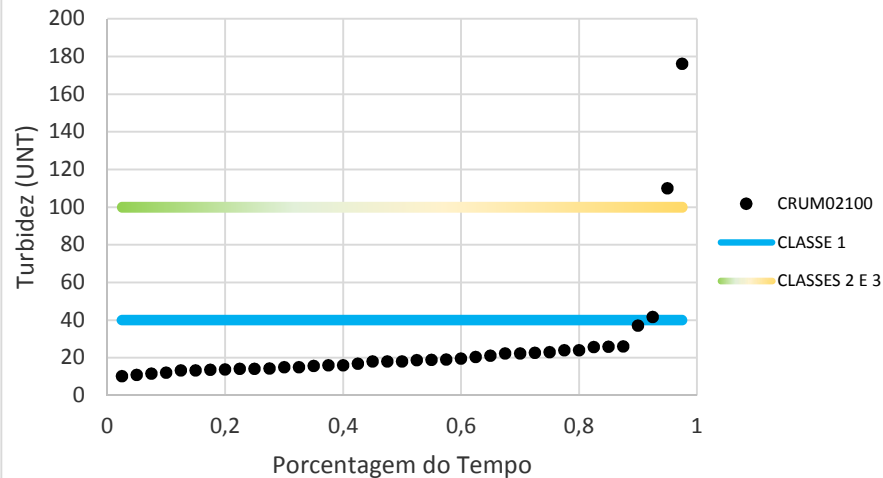
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



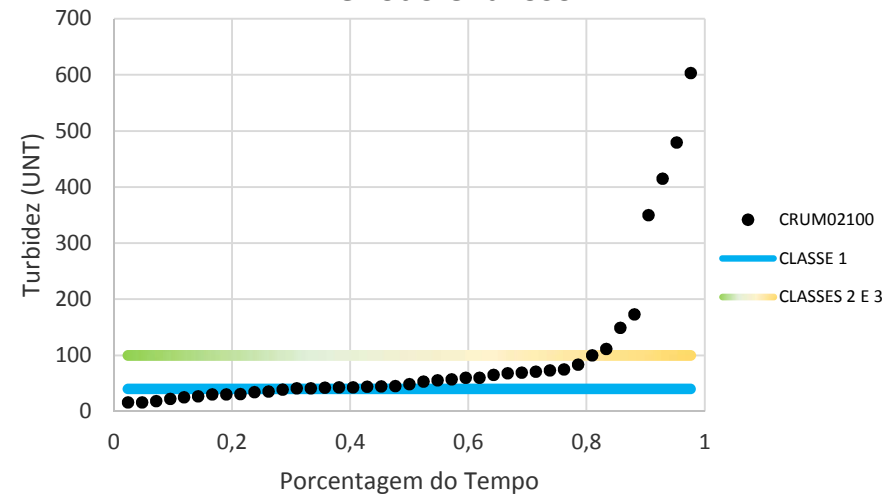
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

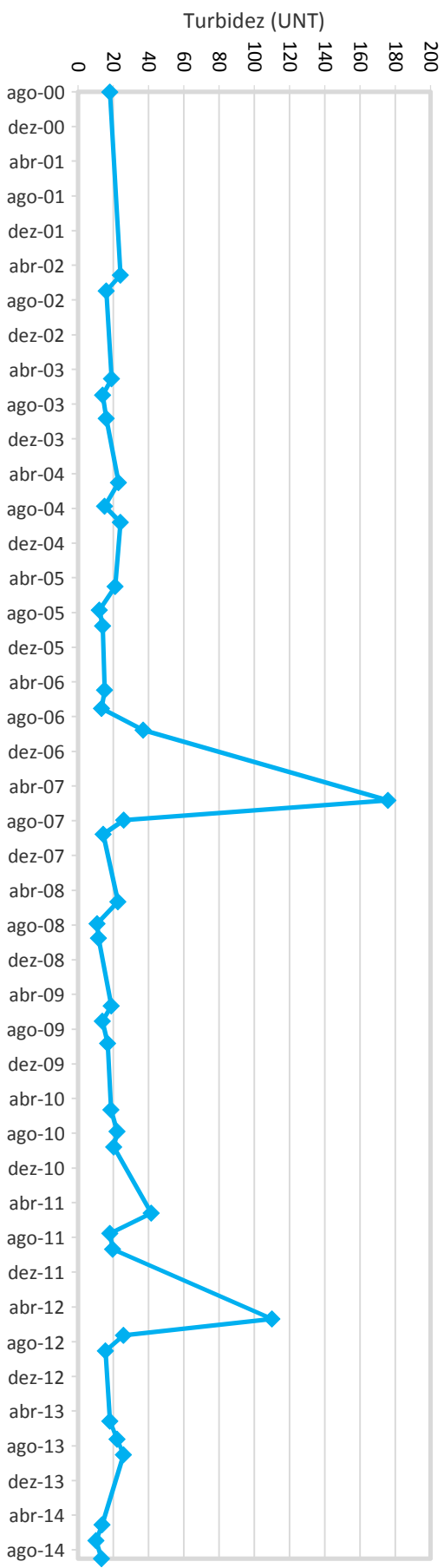


Curva de Permanência- Turbidez
Período Chuvoso

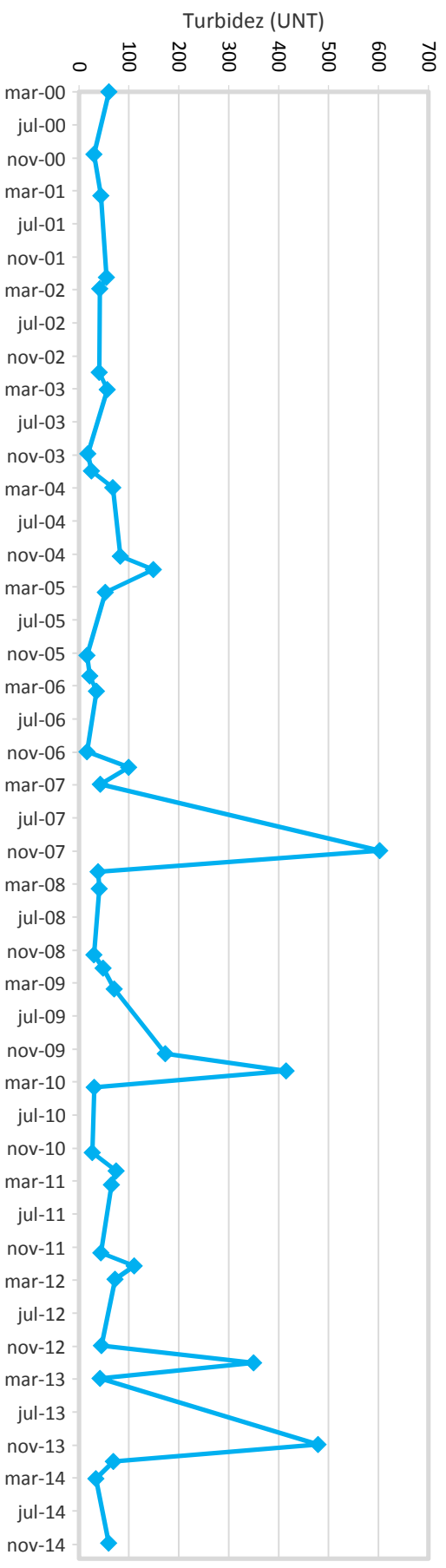


CRUM 02100 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

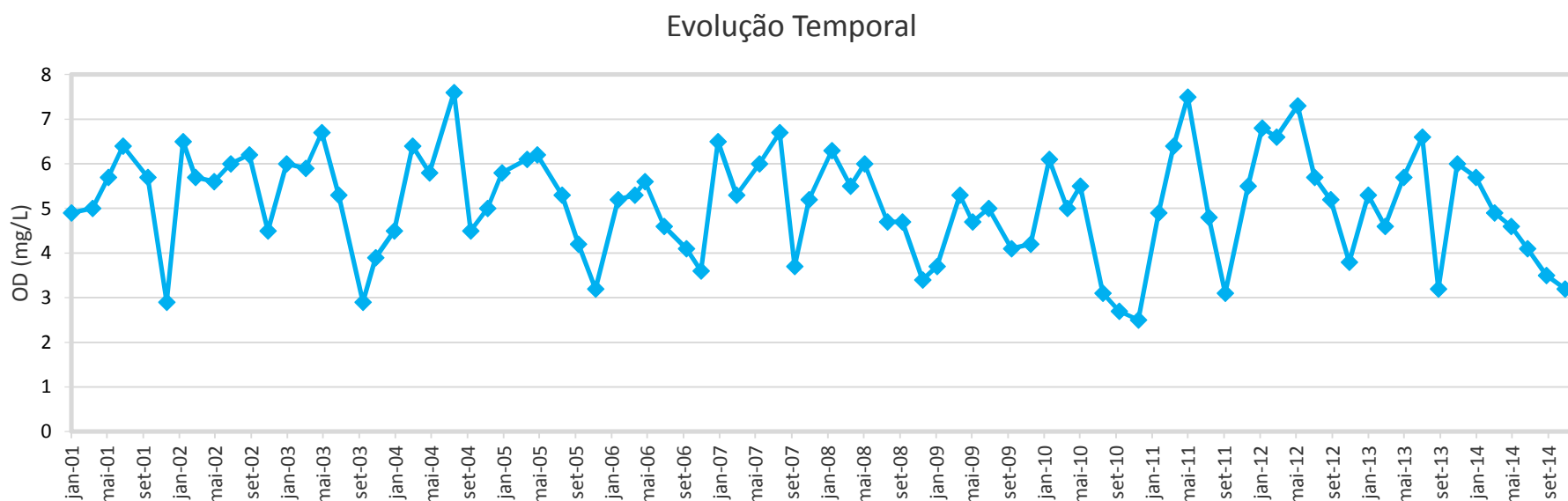
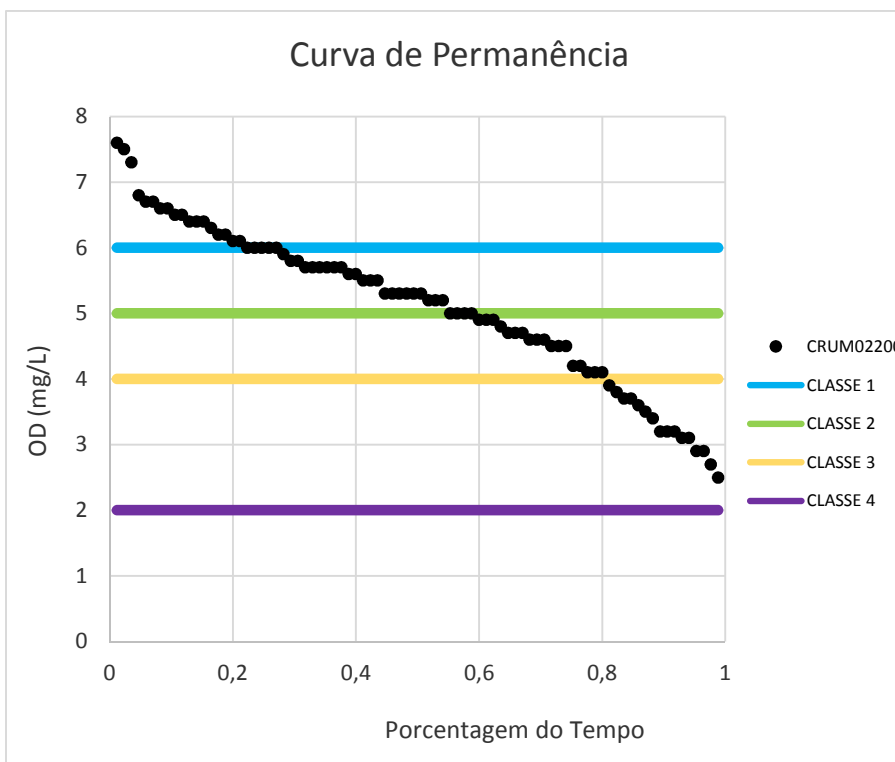
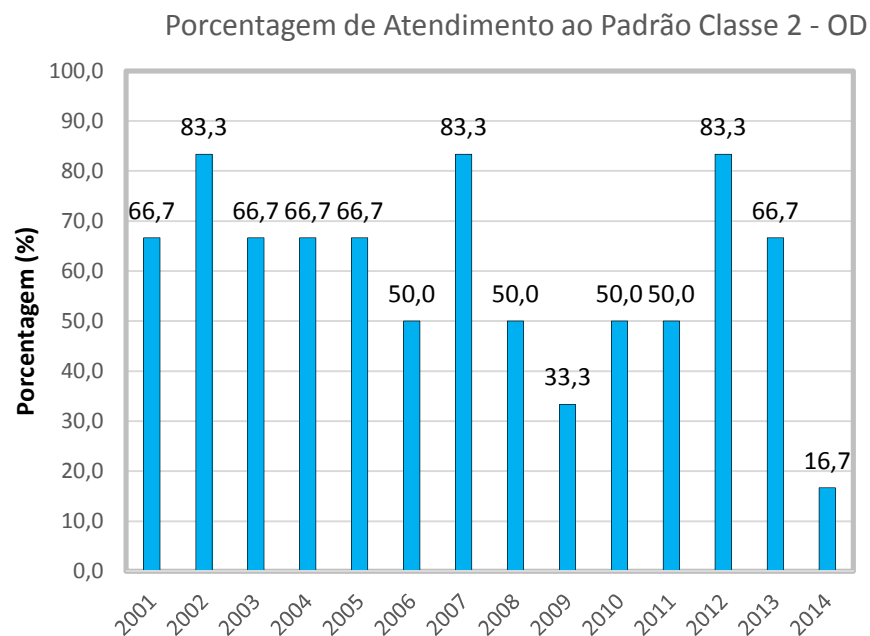


Evolução Temporal - Período Chuvoso



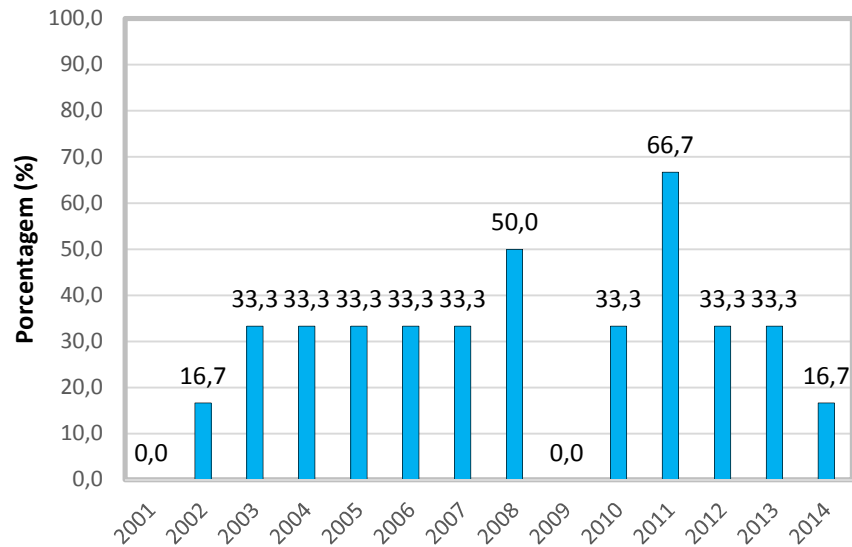
Rio Corumbataí
CRUM 02200

CRUM 02200 – Oxigênio Dissolvido (mg/L)

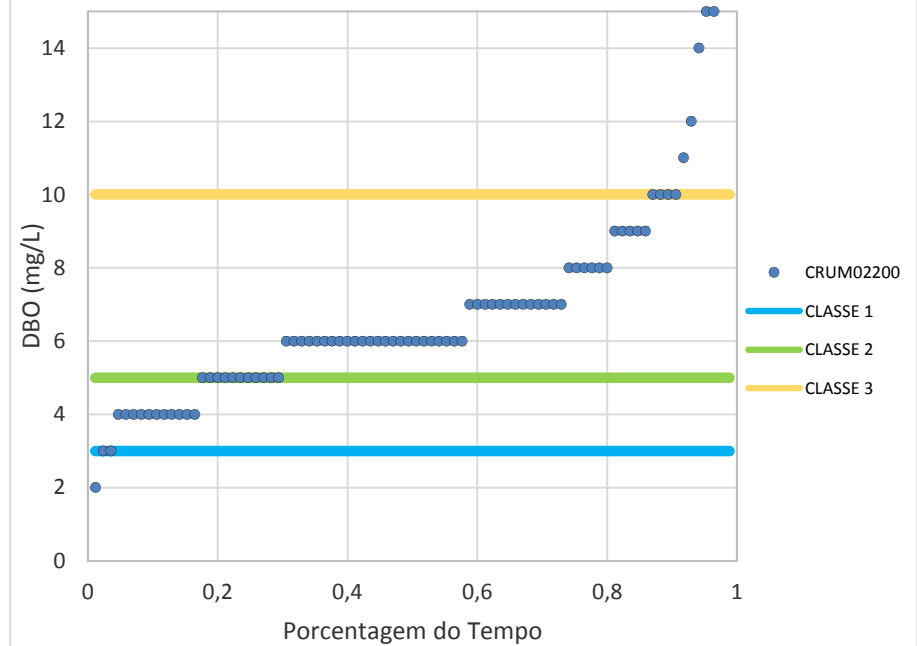


CRUM 02200 – DBO (mg/L)

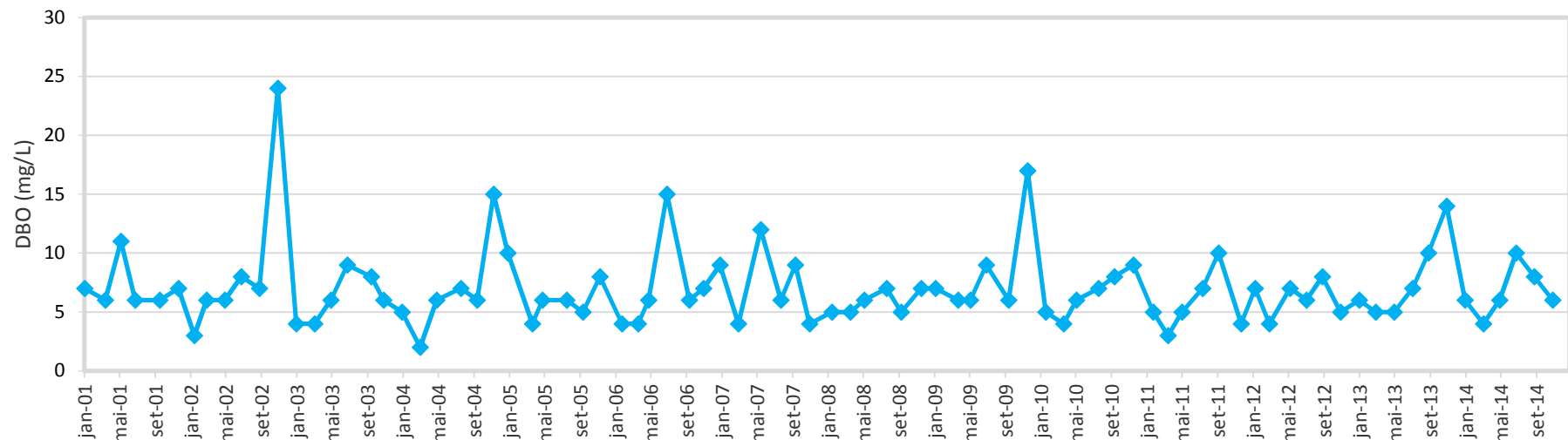
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



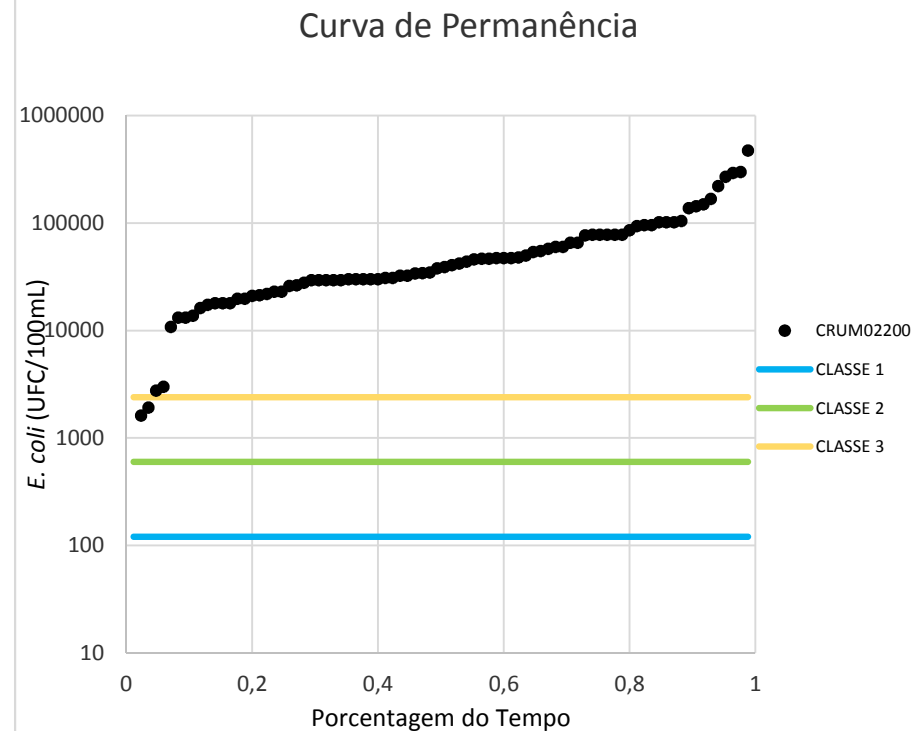
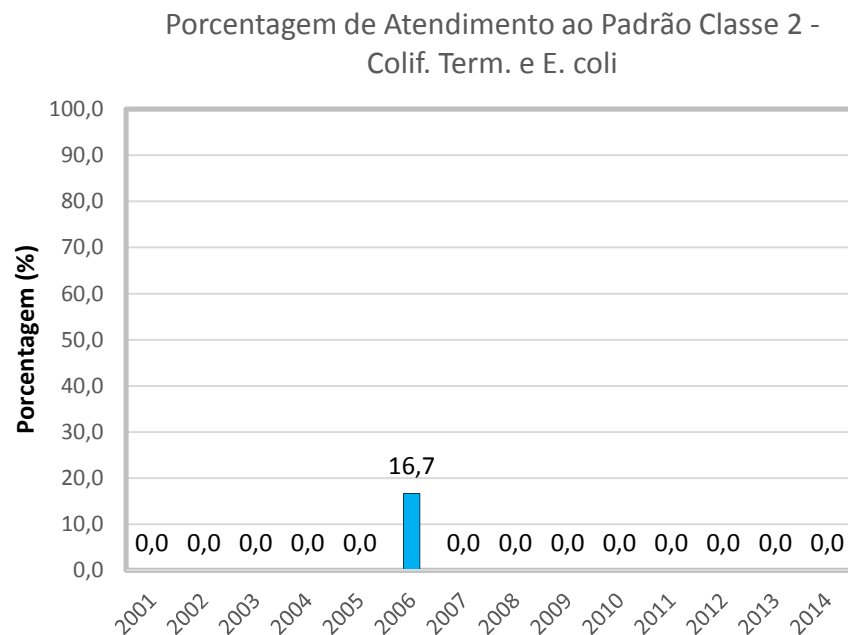
Curva de Permanência



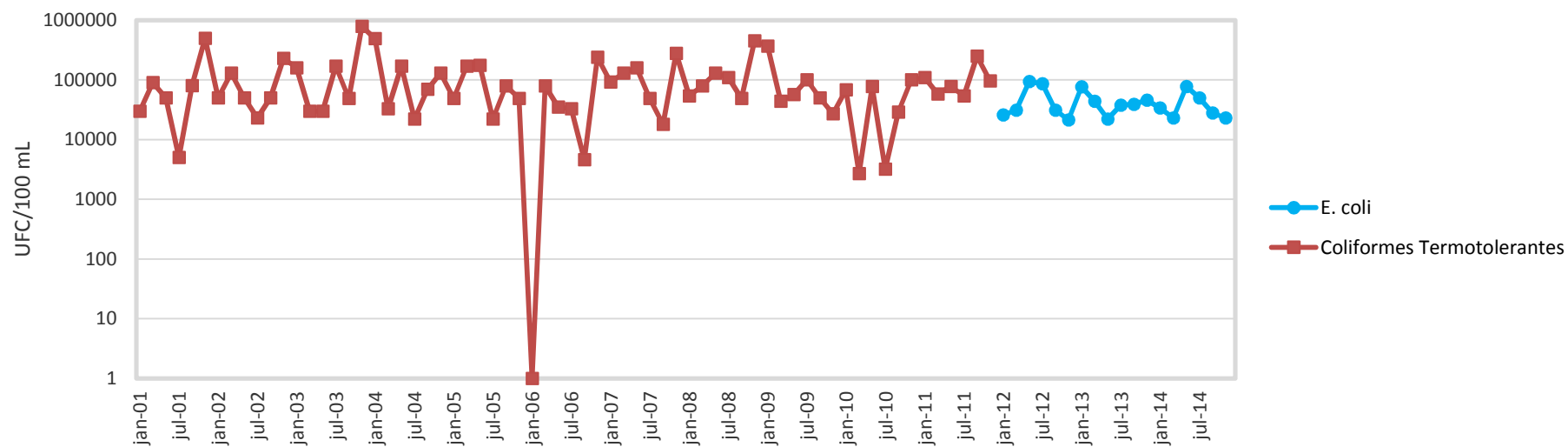
Evolução Temporal



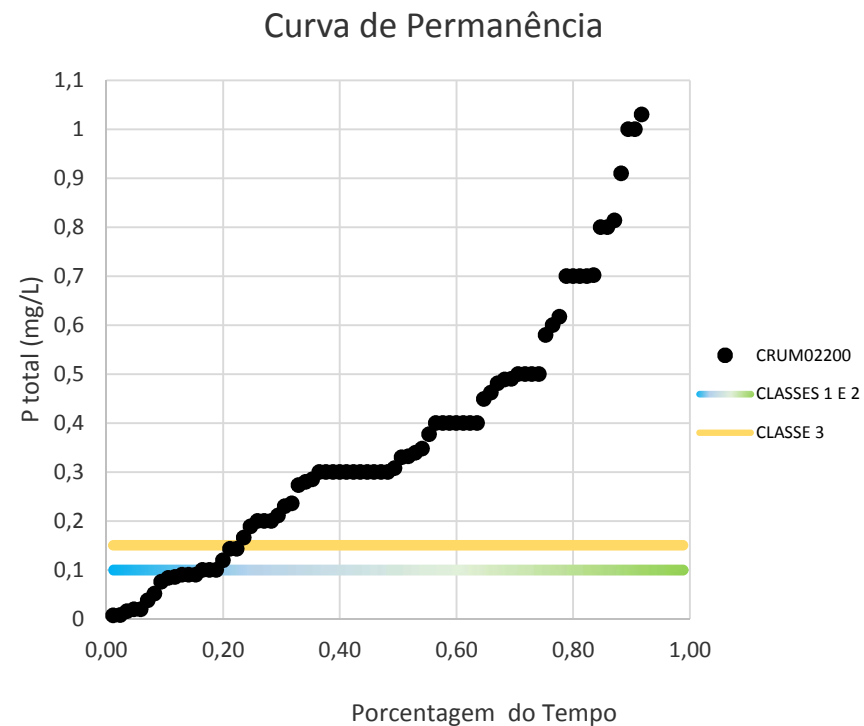
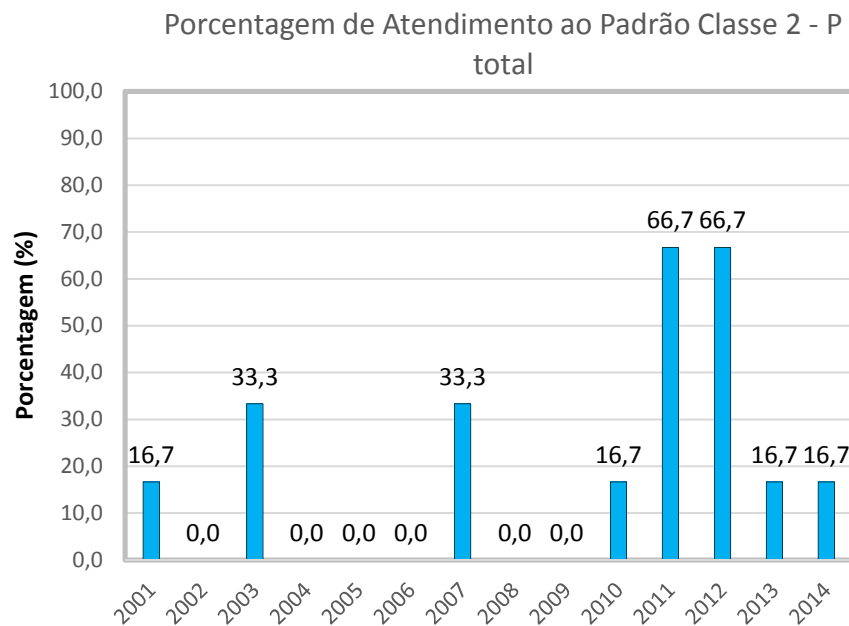
CRUM 02200 – *Escherichia coli* (UFC/100mL)



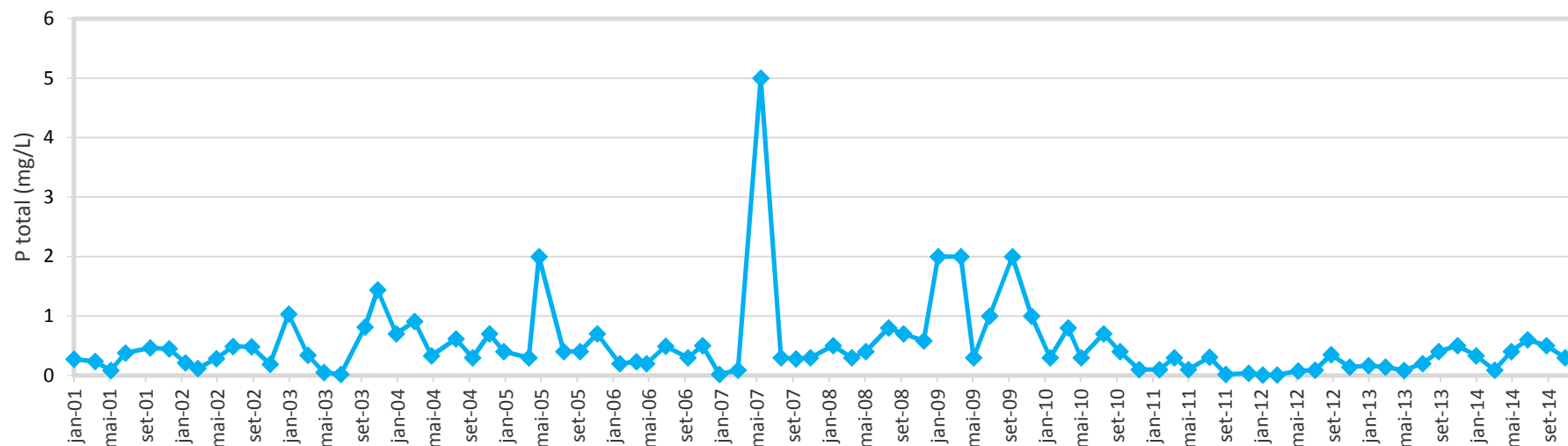
Evolução Temporal



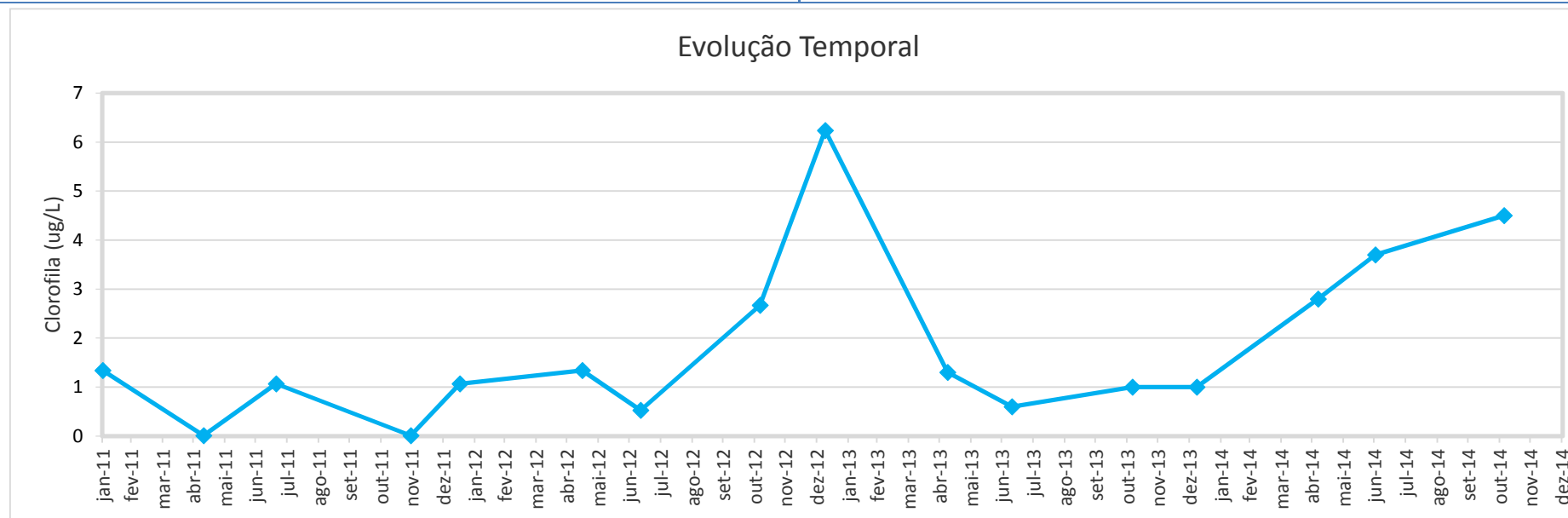
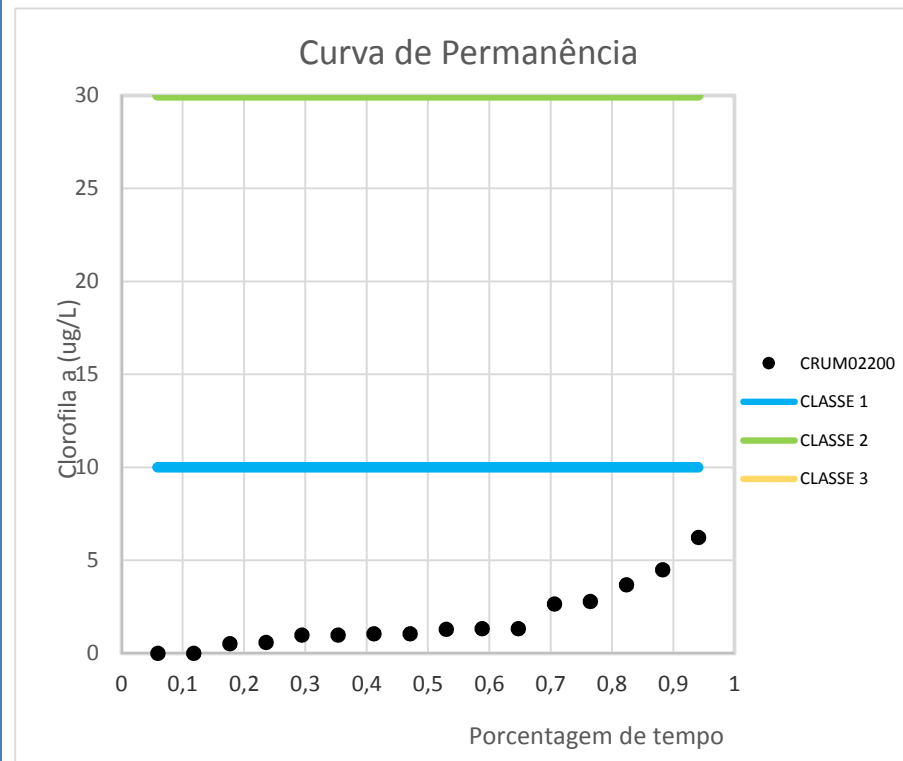
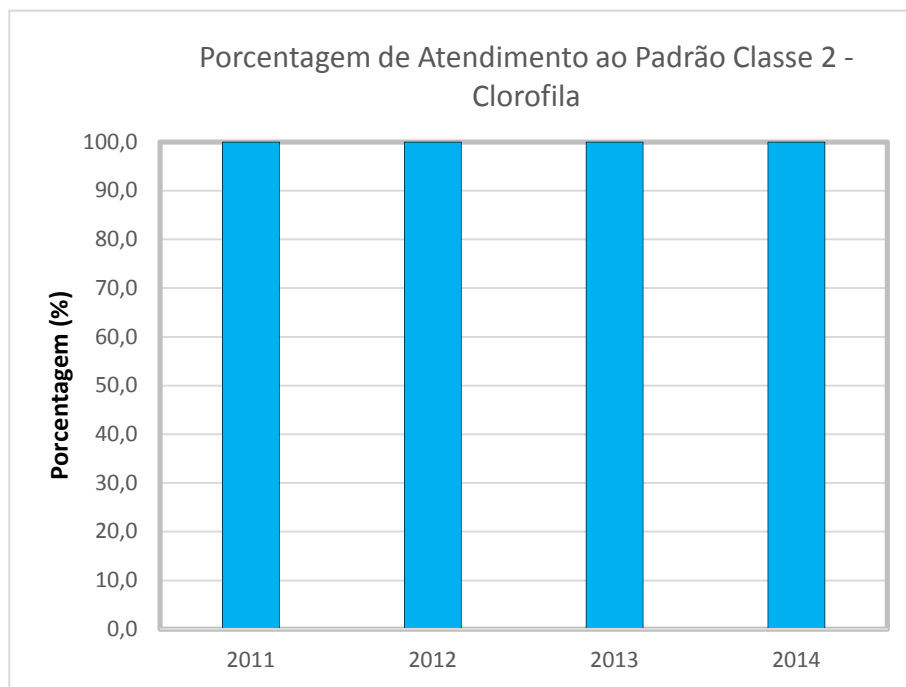
CRUM 02200 – Fósforo Total (mg/L)



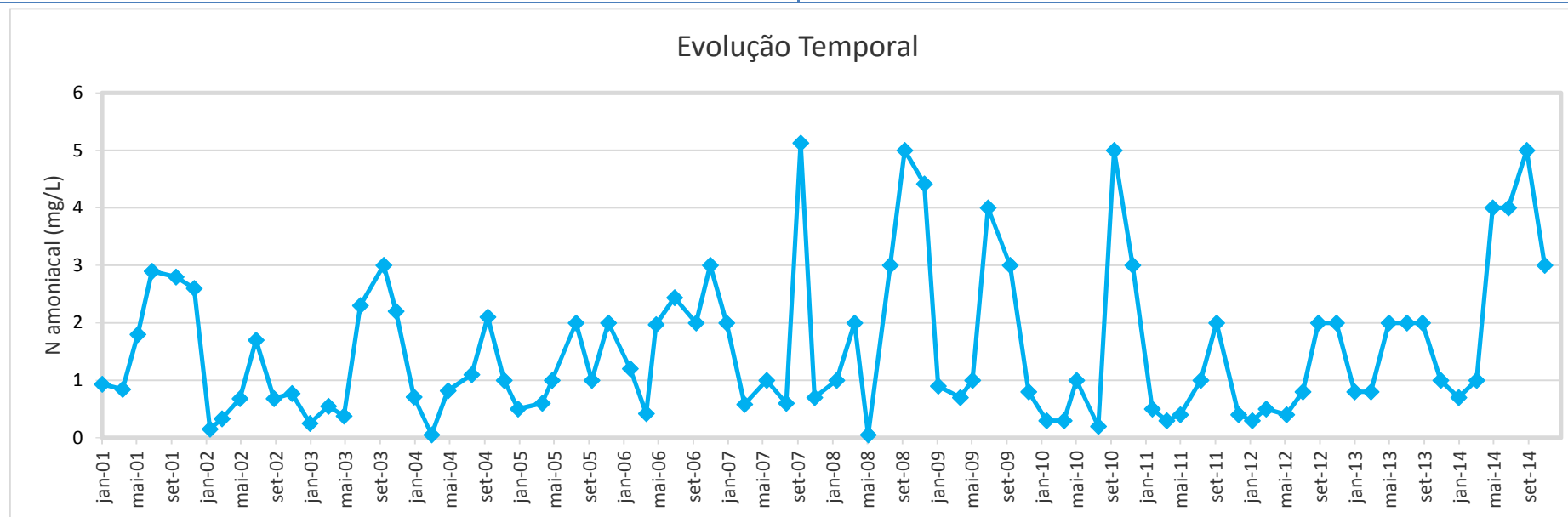
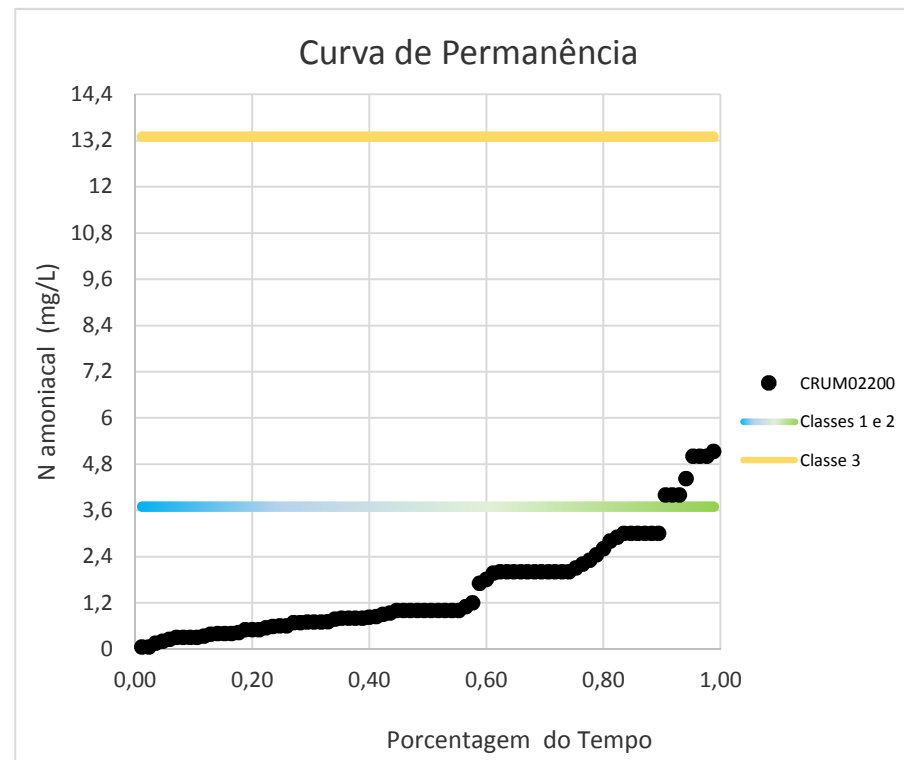
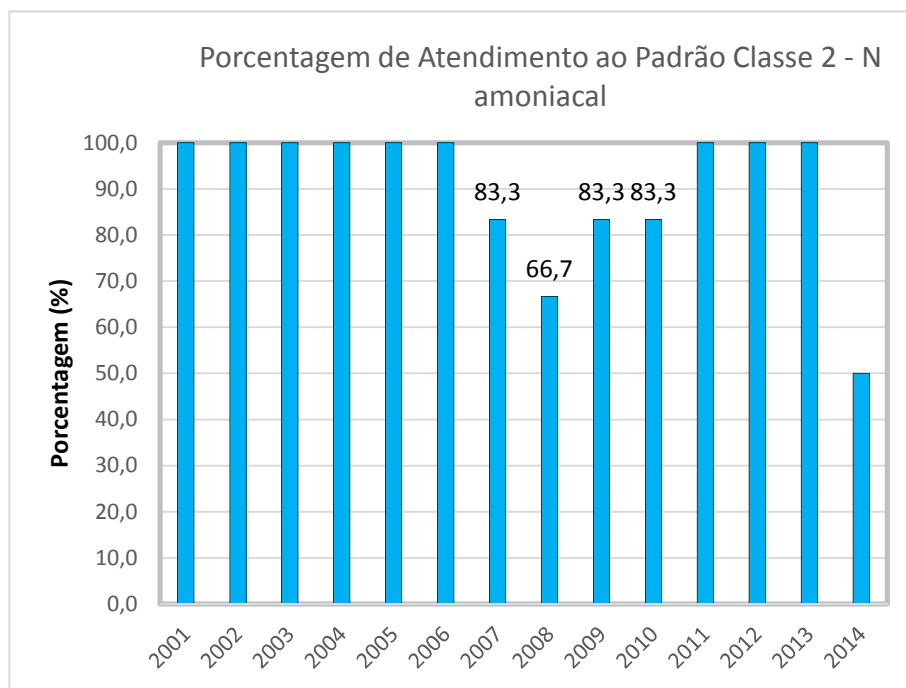
Evolução Temporal



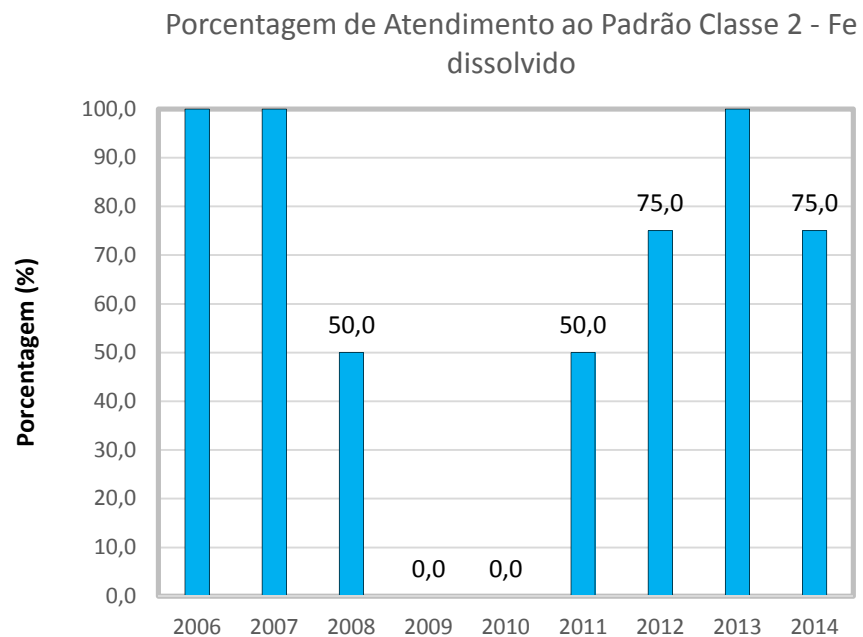
CRUM 02200 – Clorofila a (µg/L)



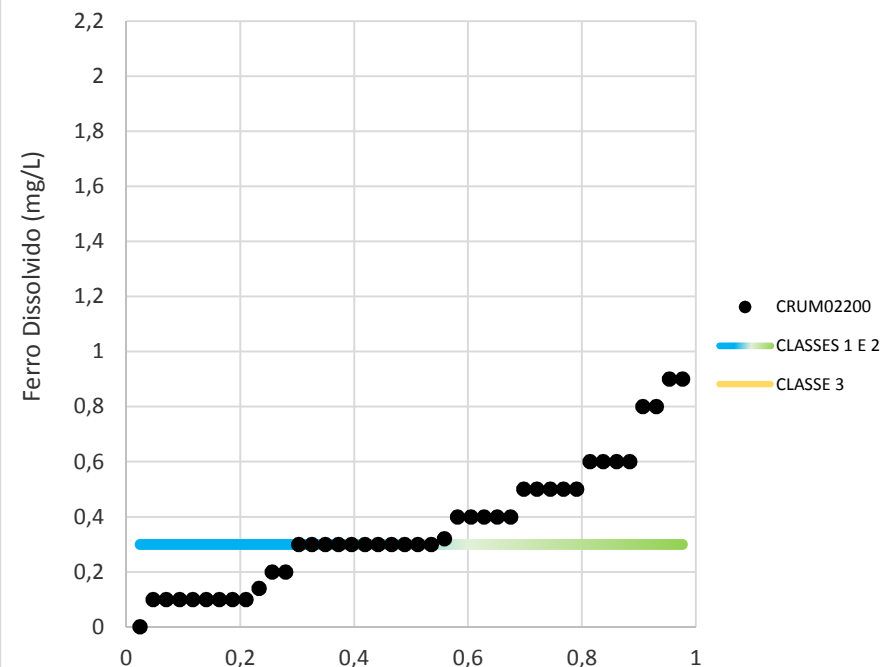
CRUM 02200 – Nitrogênio Amoniacal (mg/L)



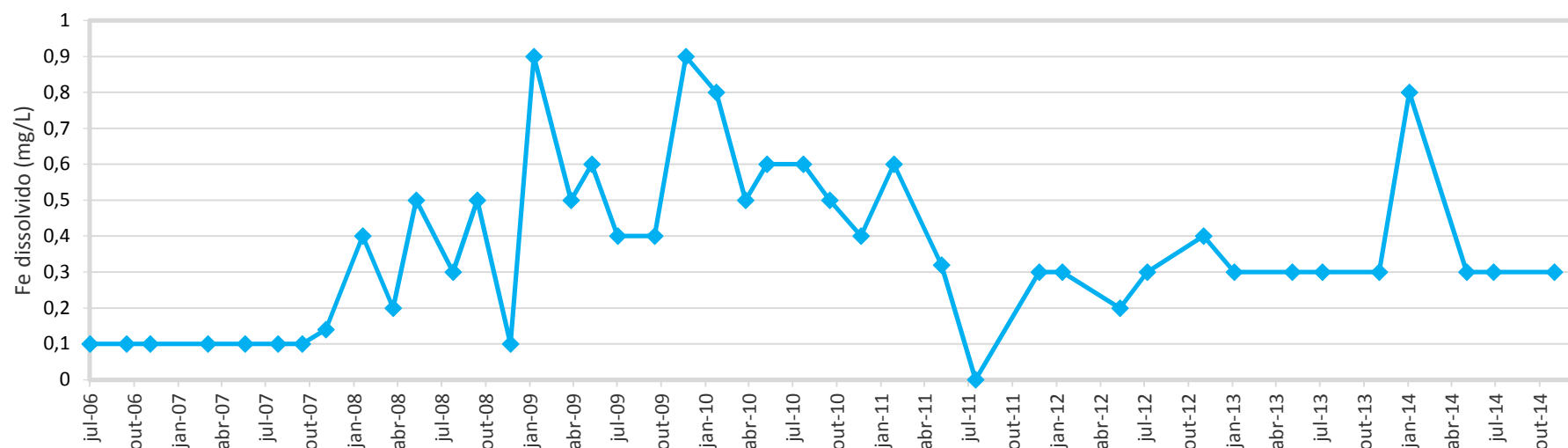
CRUM 02200 – Ferro Dissolvido (mg/L)



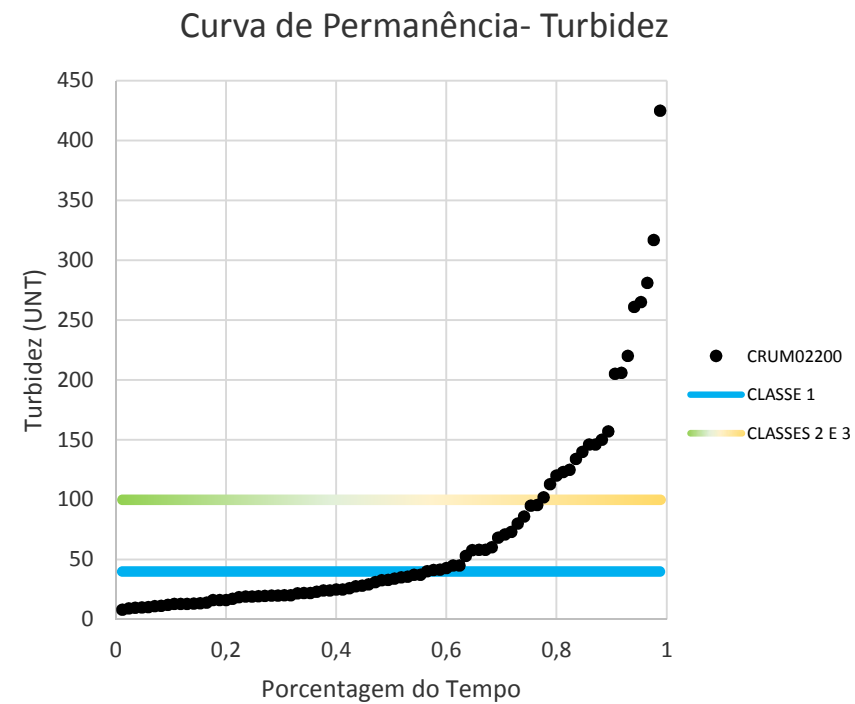
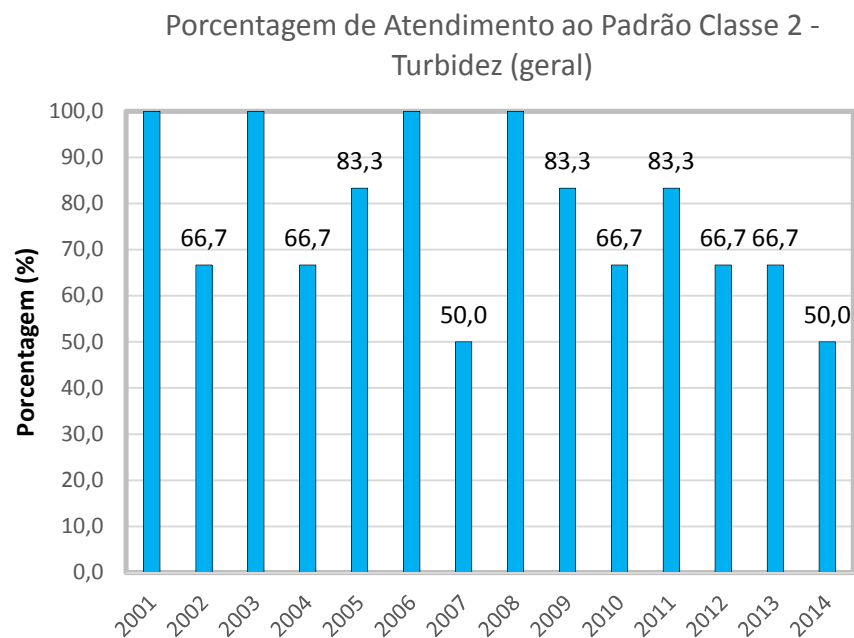
Curva de Permanência



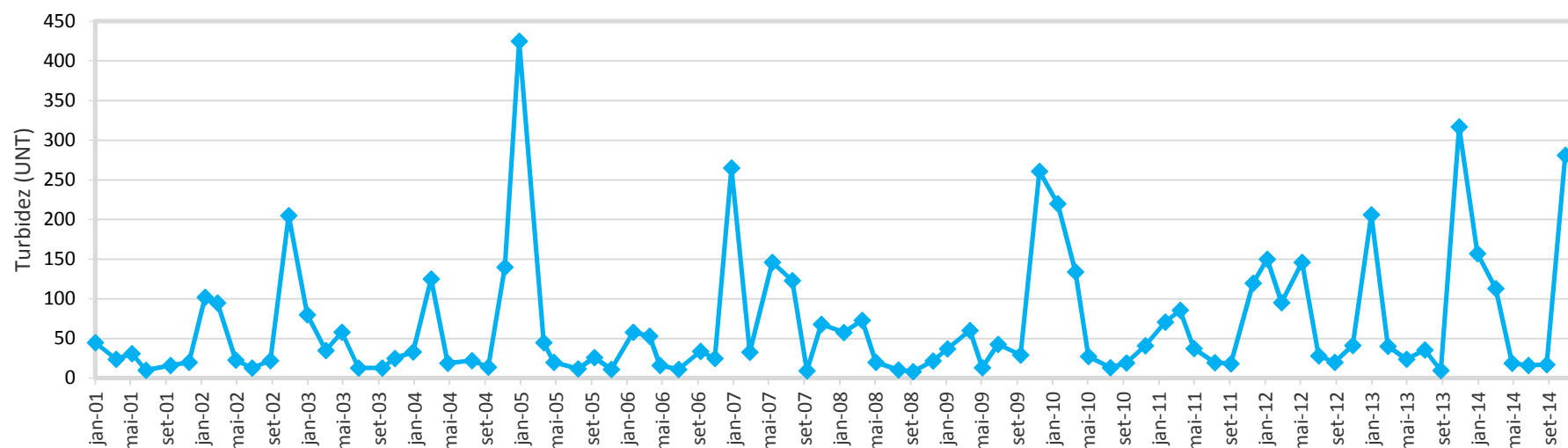
Evolução Temporal



CRUM 02200 – Turbidez (UNT)

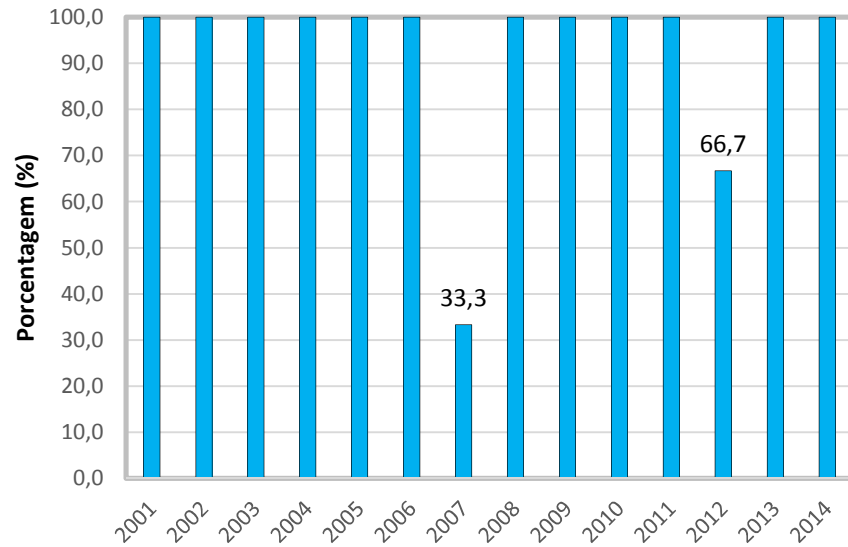


Evolução Temporal

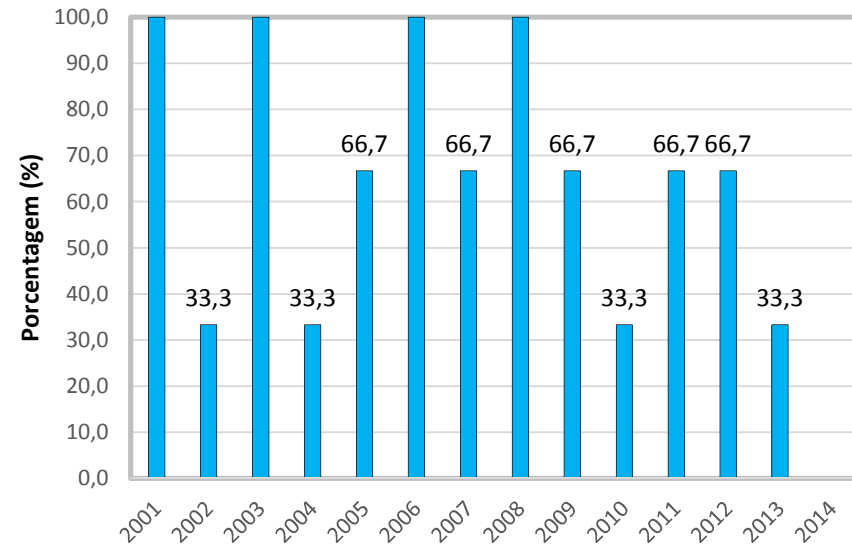


CRUM 02200 – Turbidez (Período Seco x Período Chuvoso)

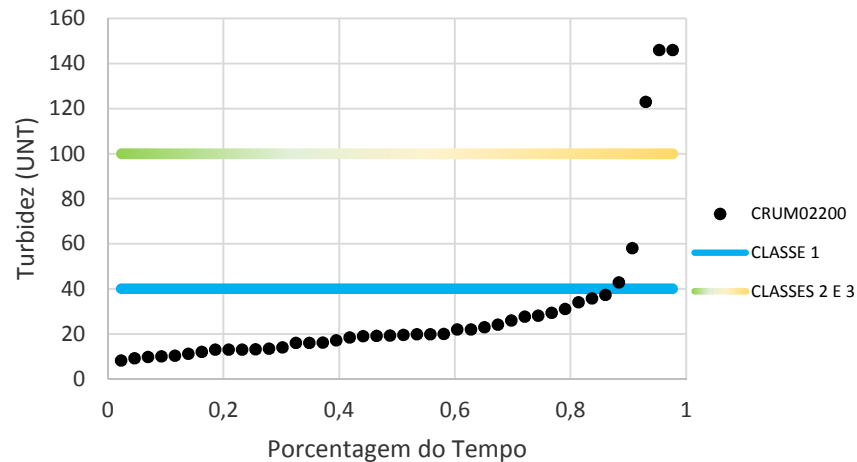
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



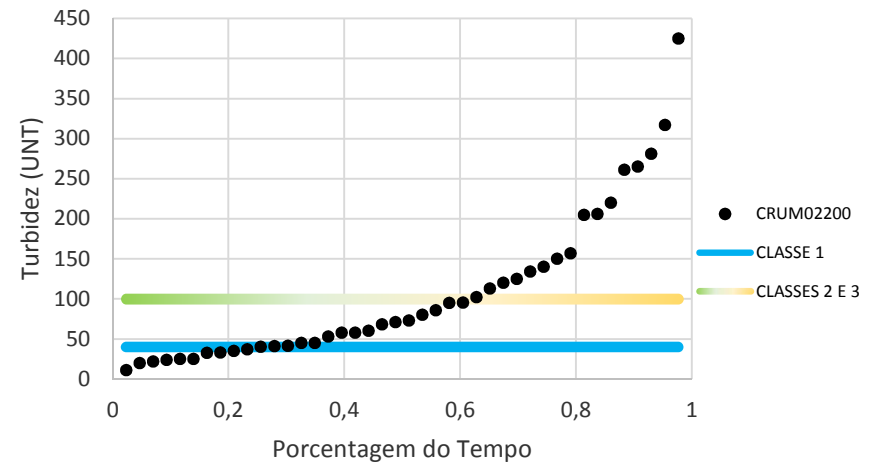
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



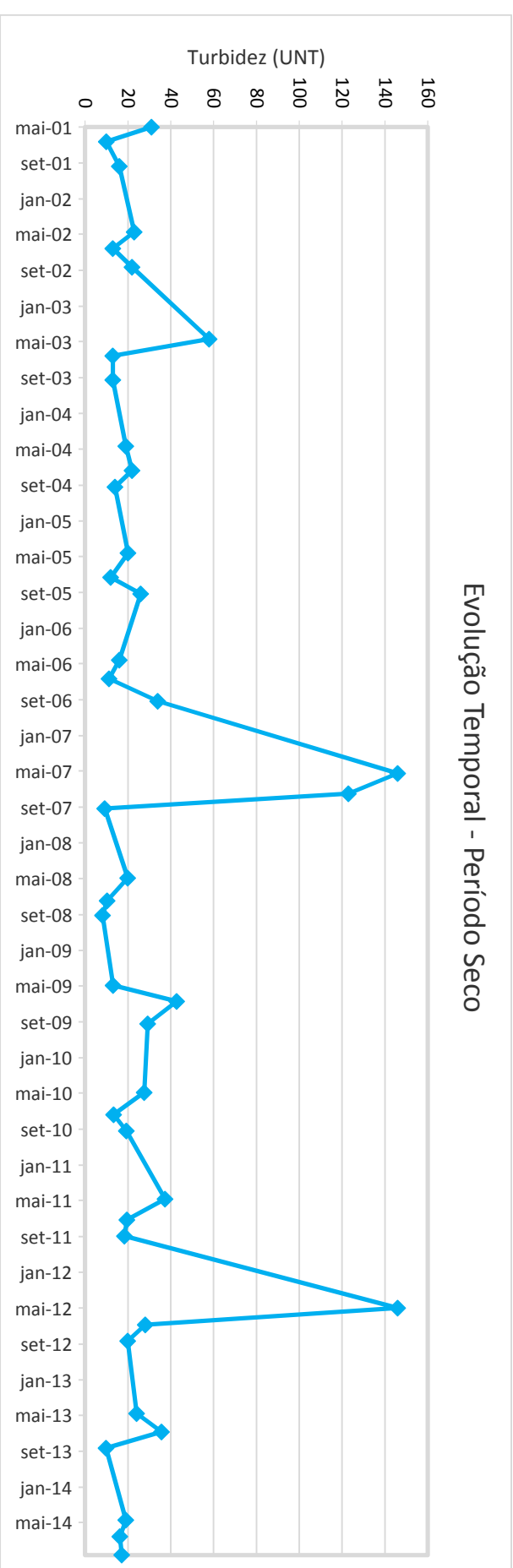
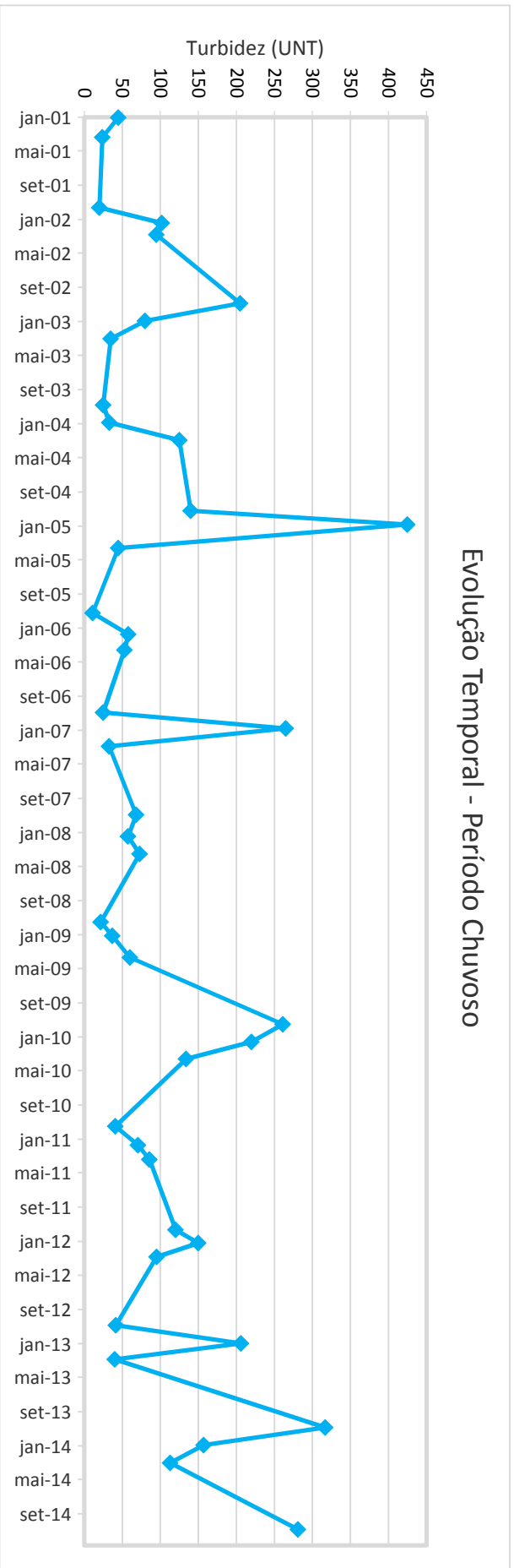
Curva de Permanência- Turbidez
Período Seco



Curva de Permanência- Turbidez
Período Chuvoso

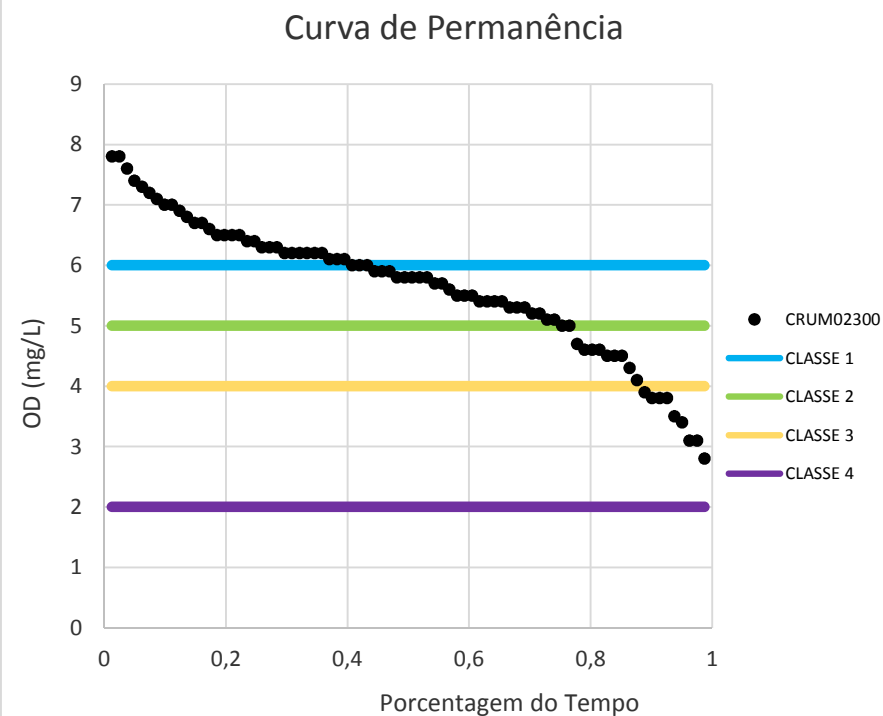
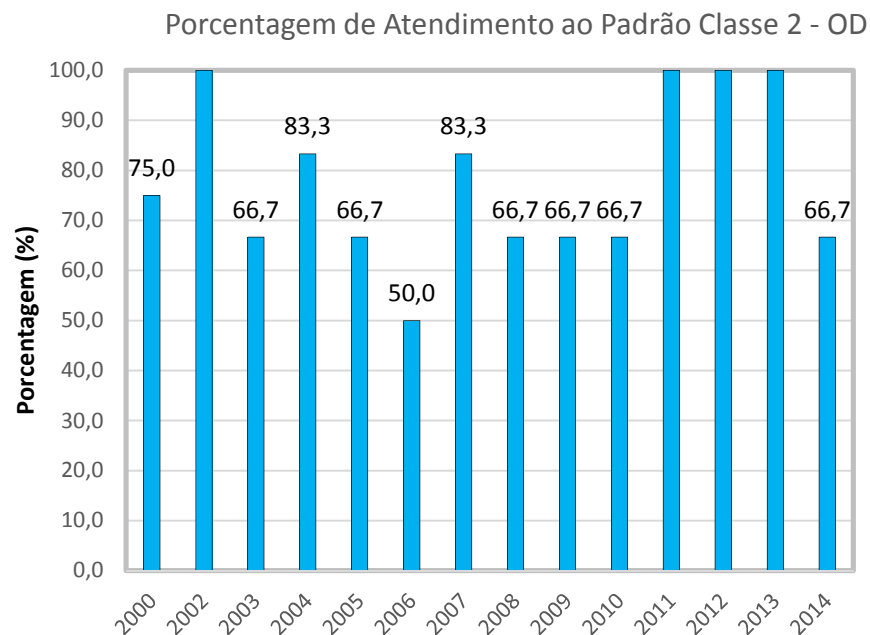


CRUM 02200 – Turbidez (Período Seco x Período Chuvoso)

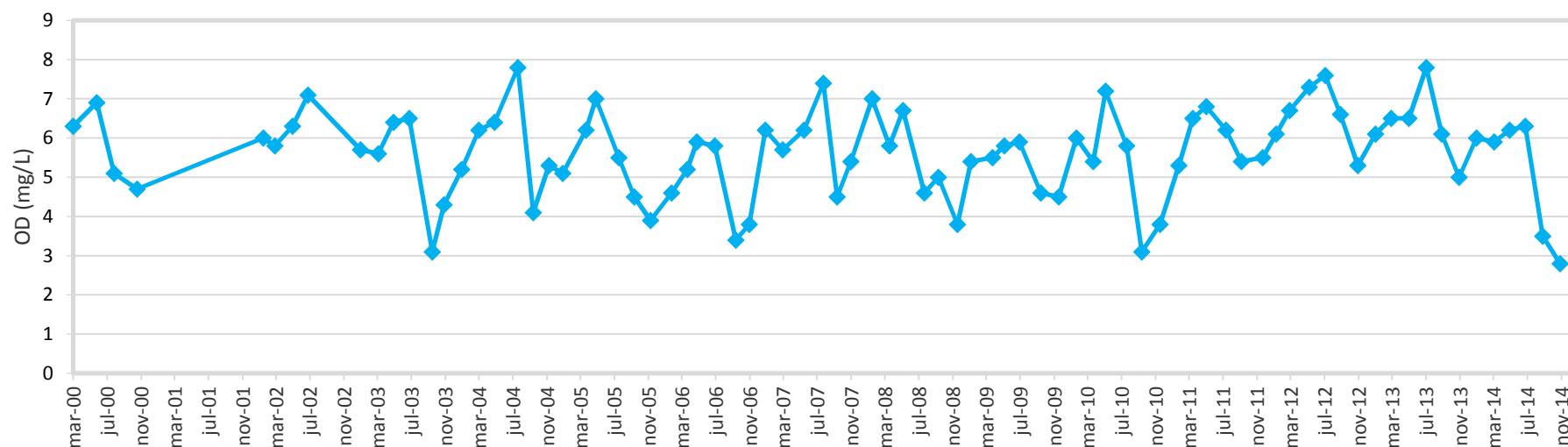


Rio Corumbataí
CRUM 02300

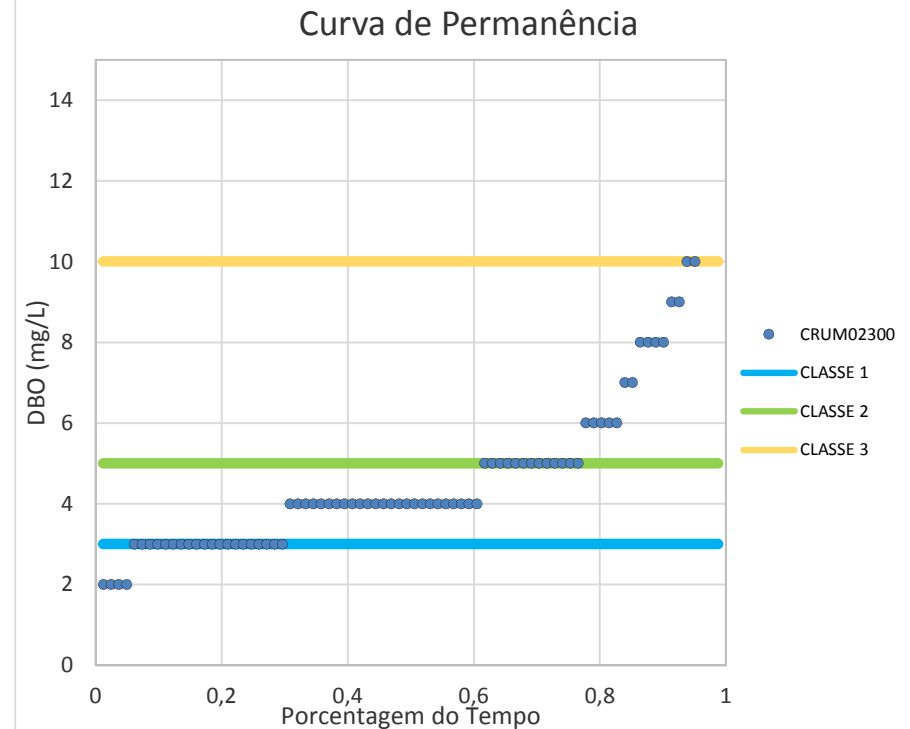
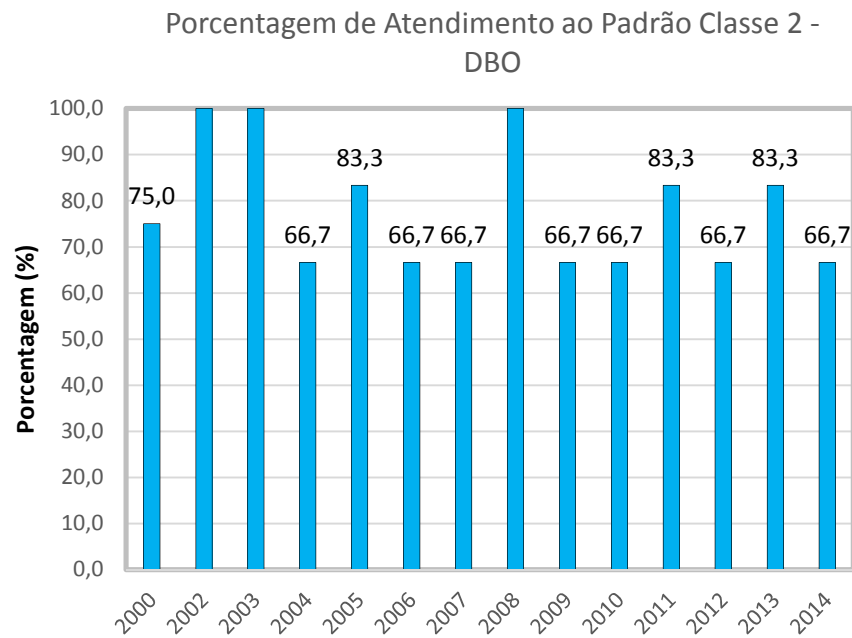
CRUM 02300 – Oxigênio Dissolvido (mg/L)



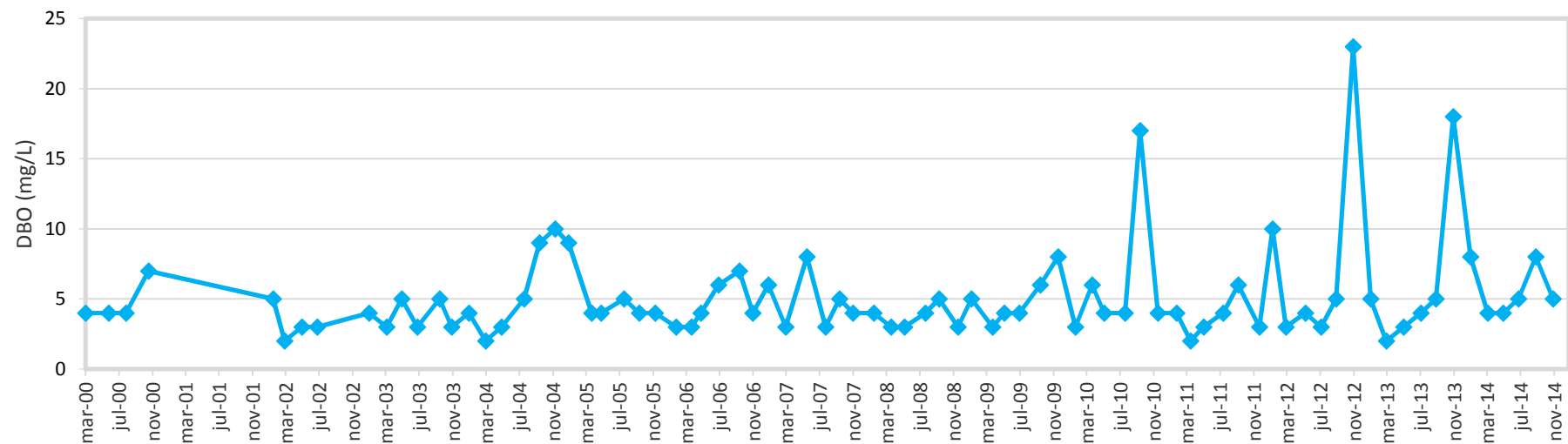
Evolução Temporal



CRUM 02300 – DBO (mg/L)

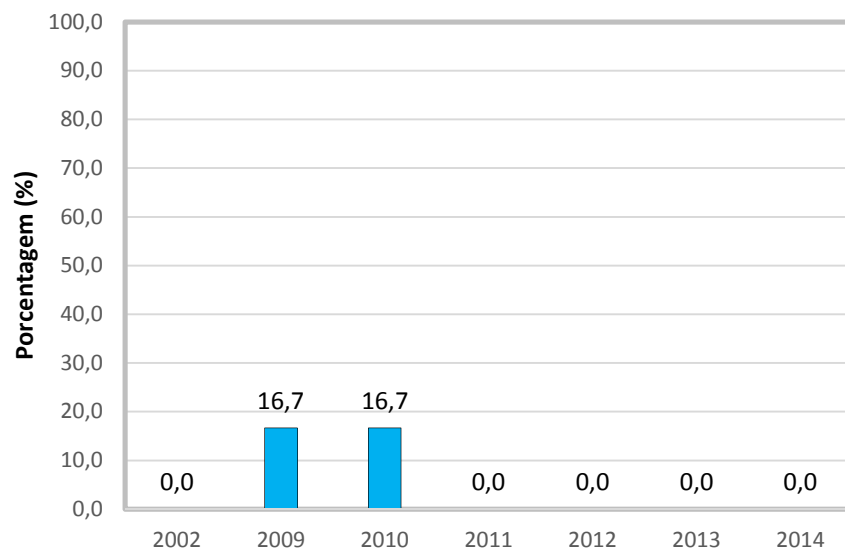


Evolução Temporal

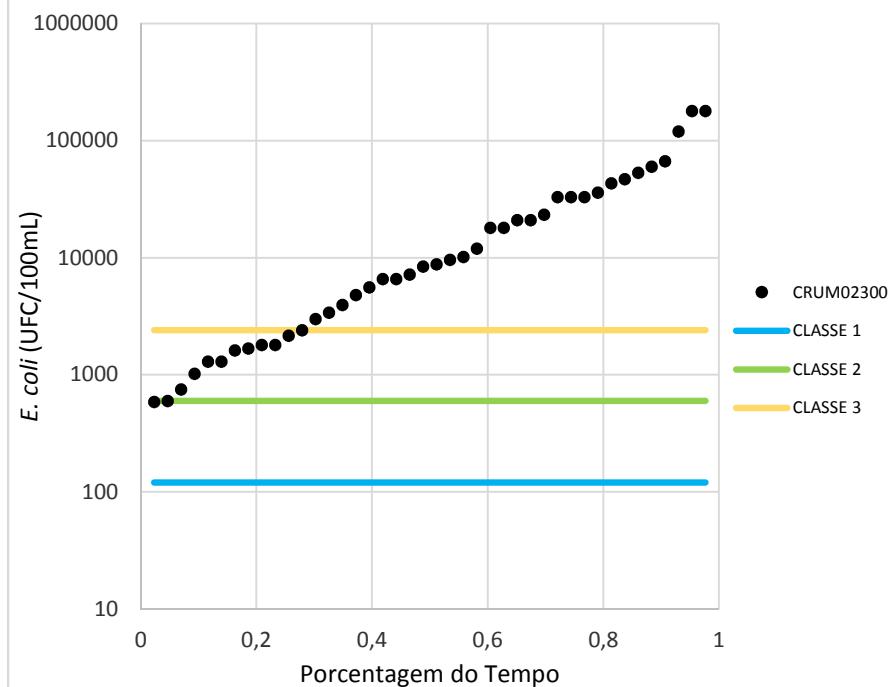


CRUM 02300 – *Escherichia coli* (UFC/100mL)

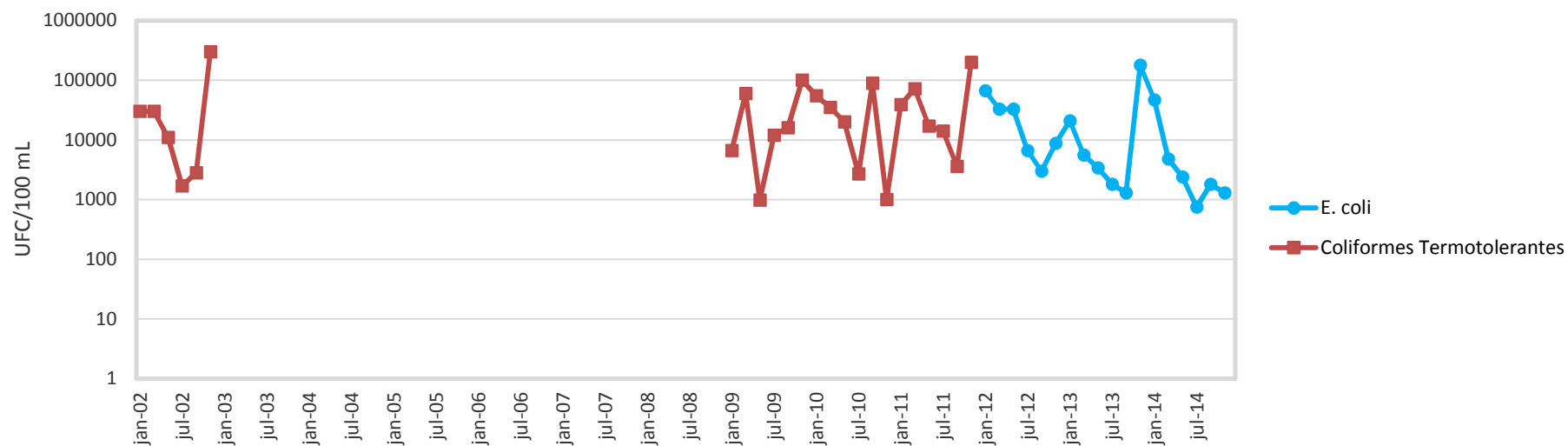
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



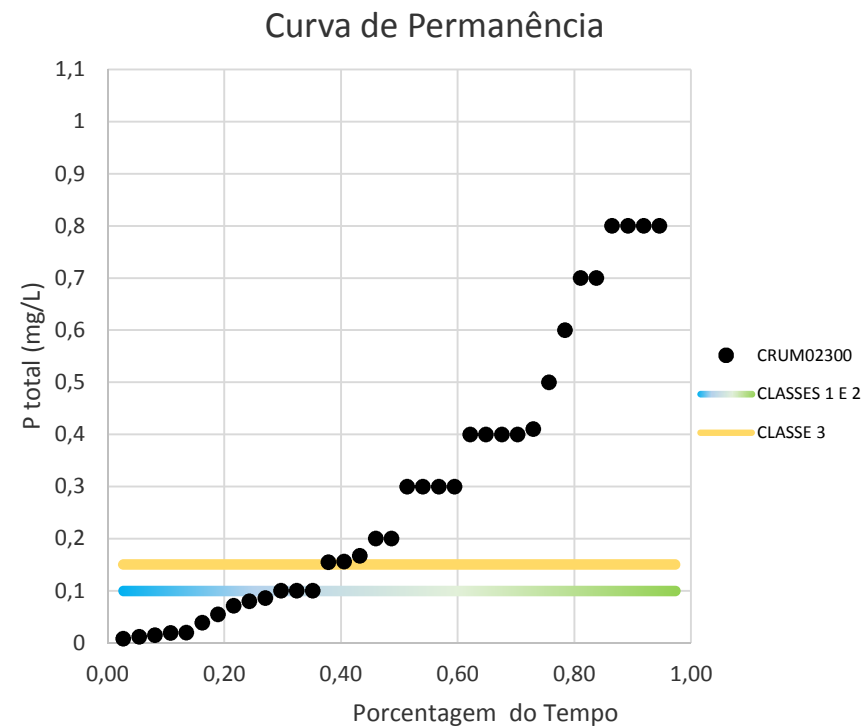
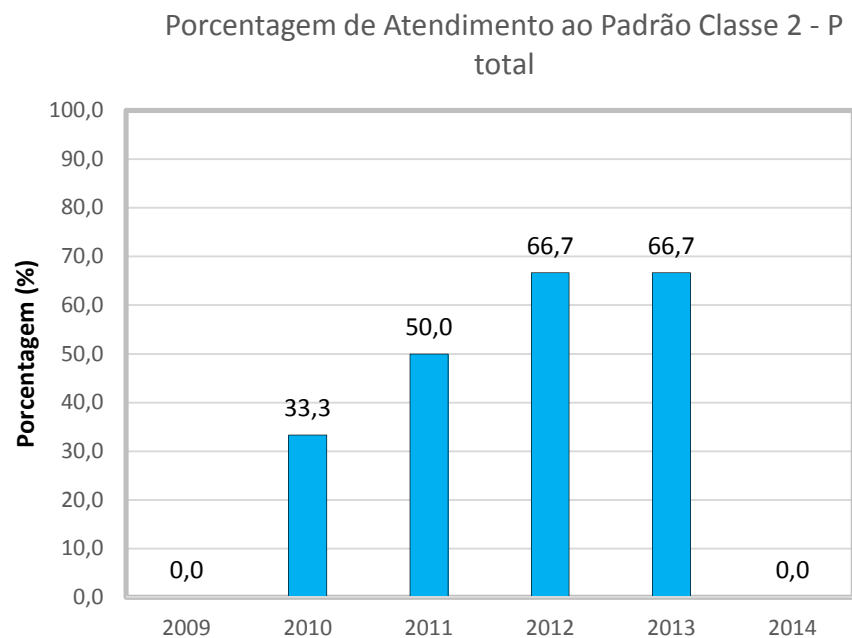
Curva de Permanência



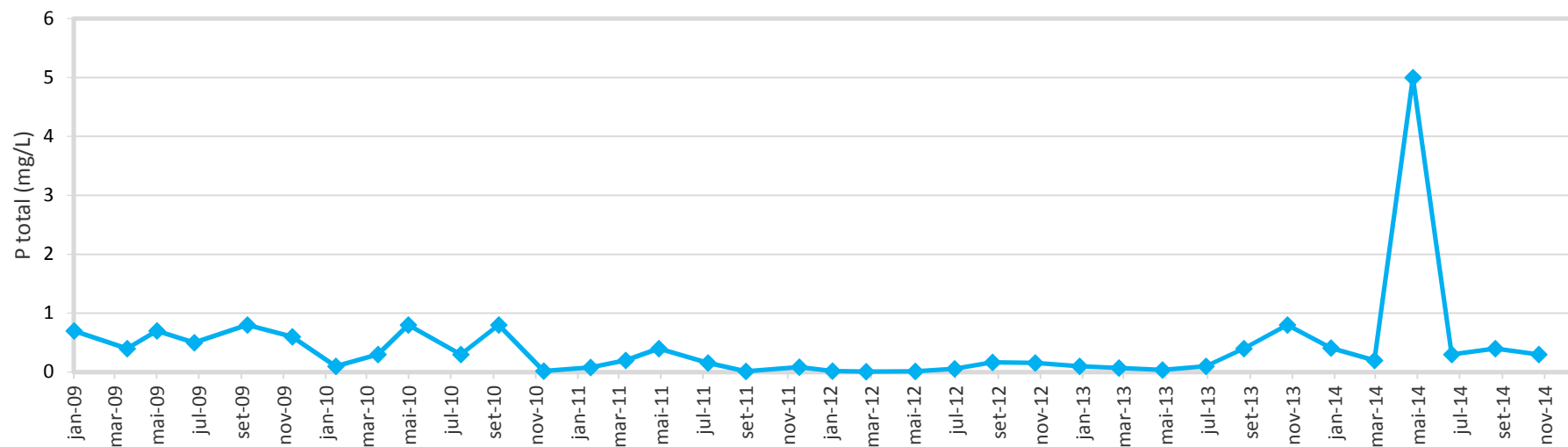
Evolução Temporal



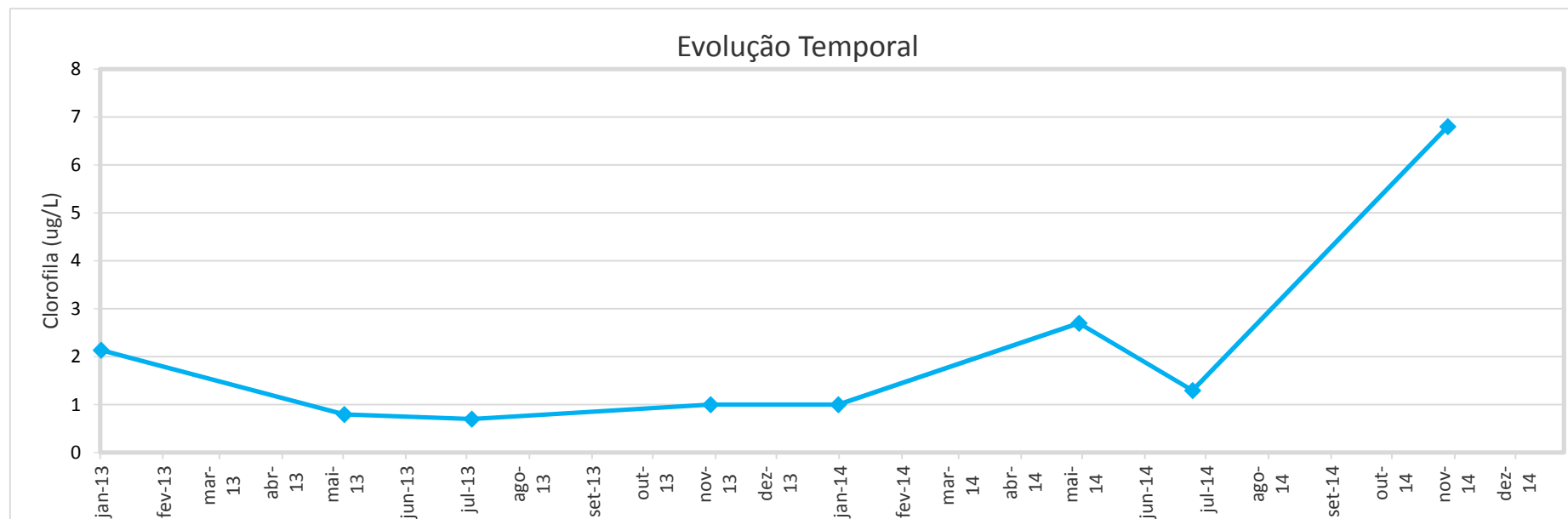
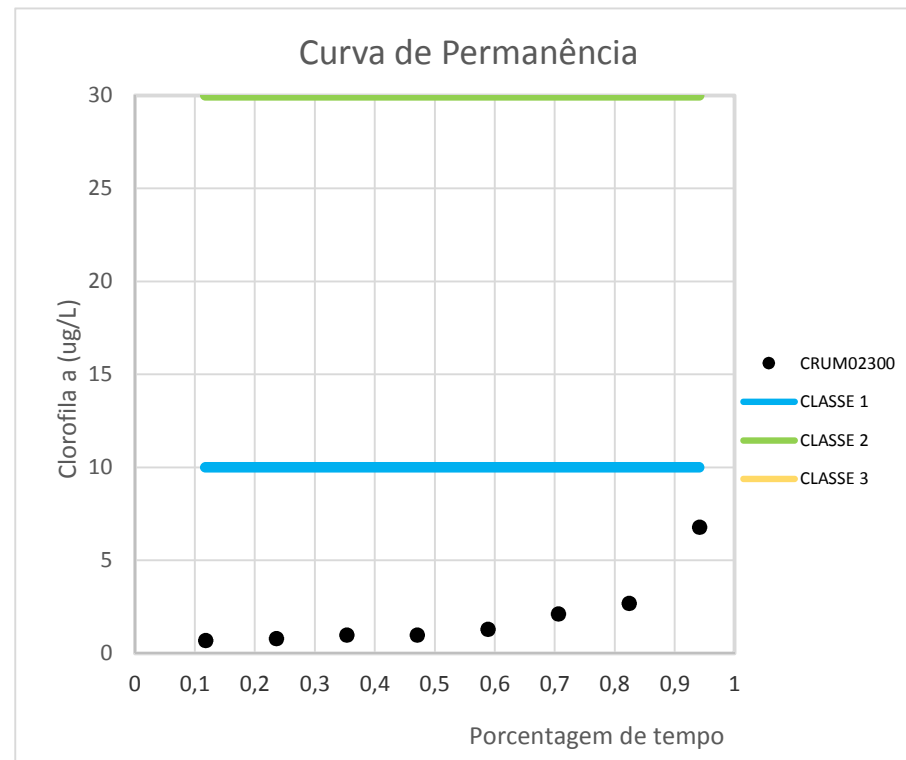
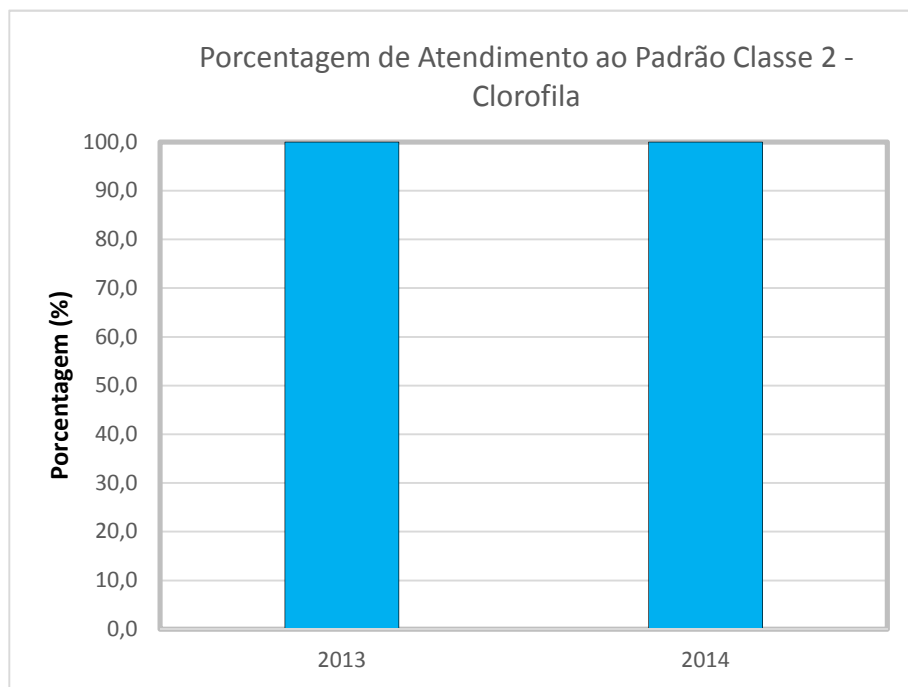
CRUM 02300 – Fósforo Total (mg/L)



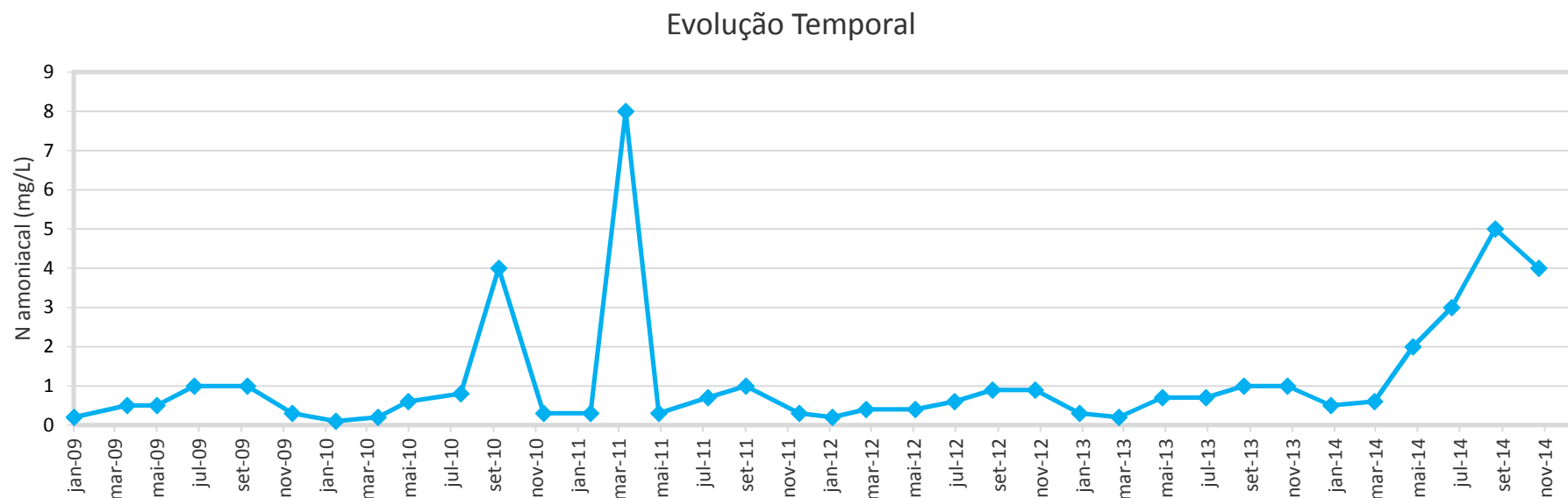
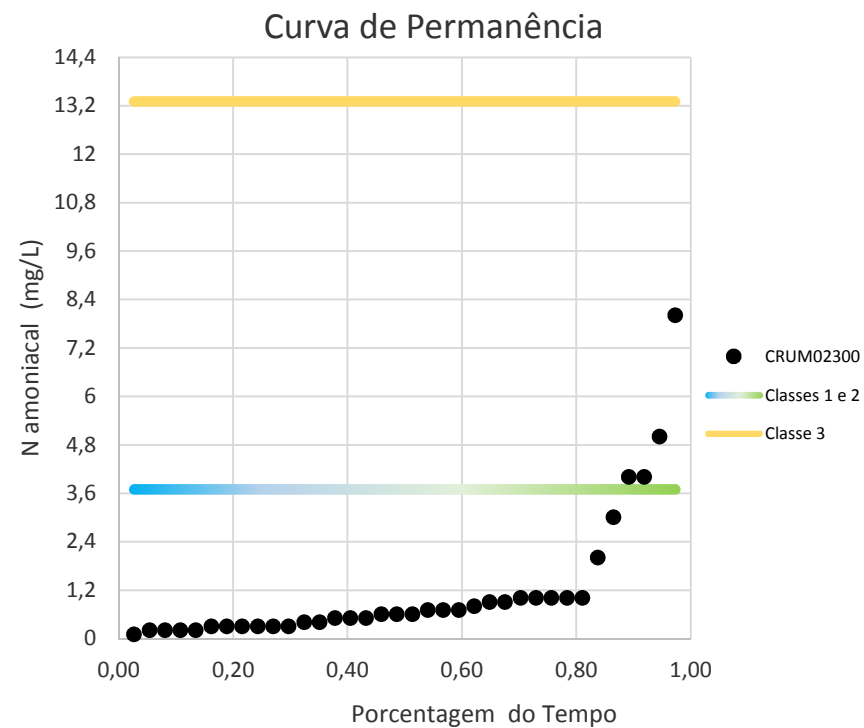
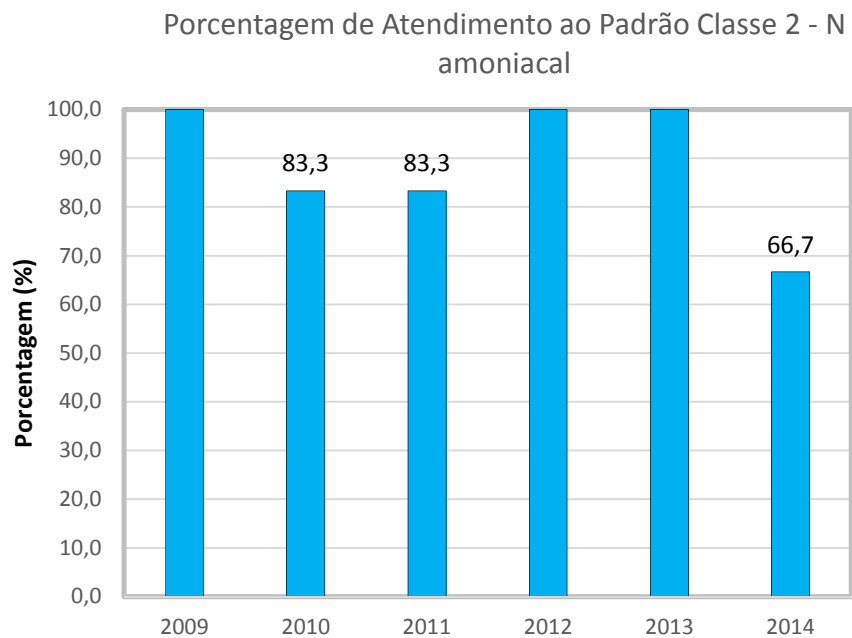
Evolução Temporal



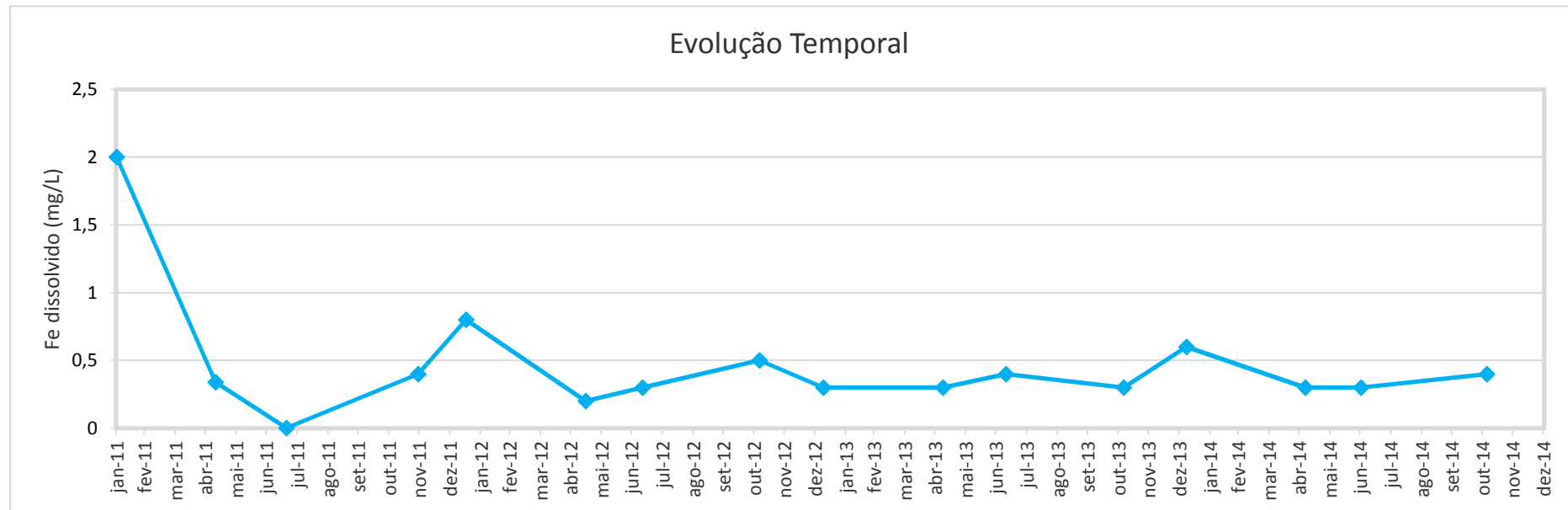
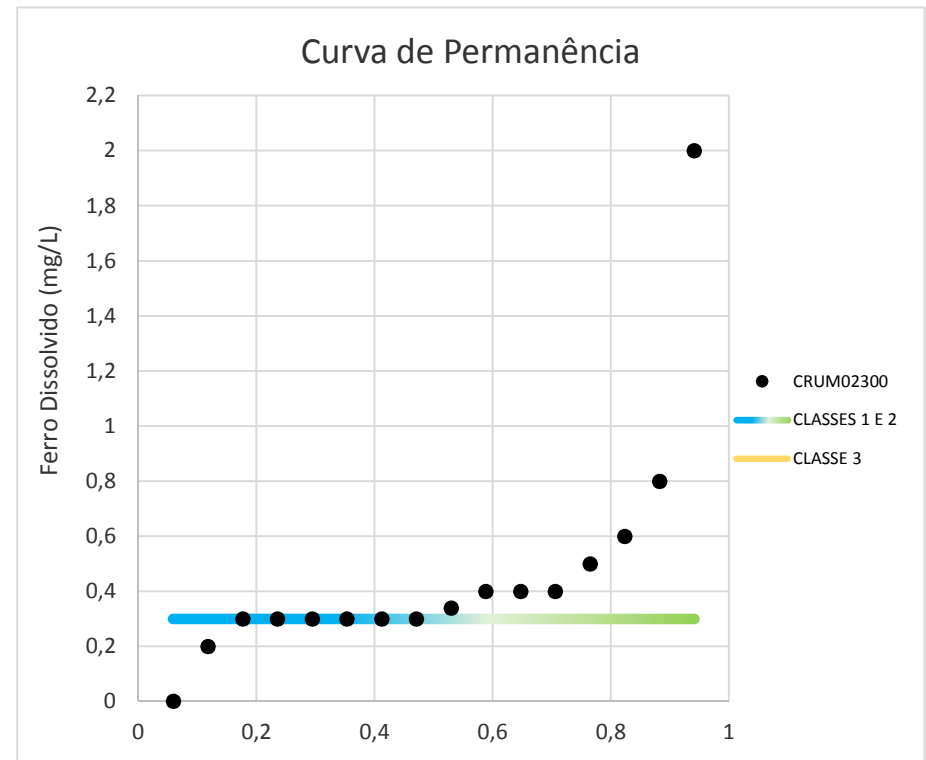
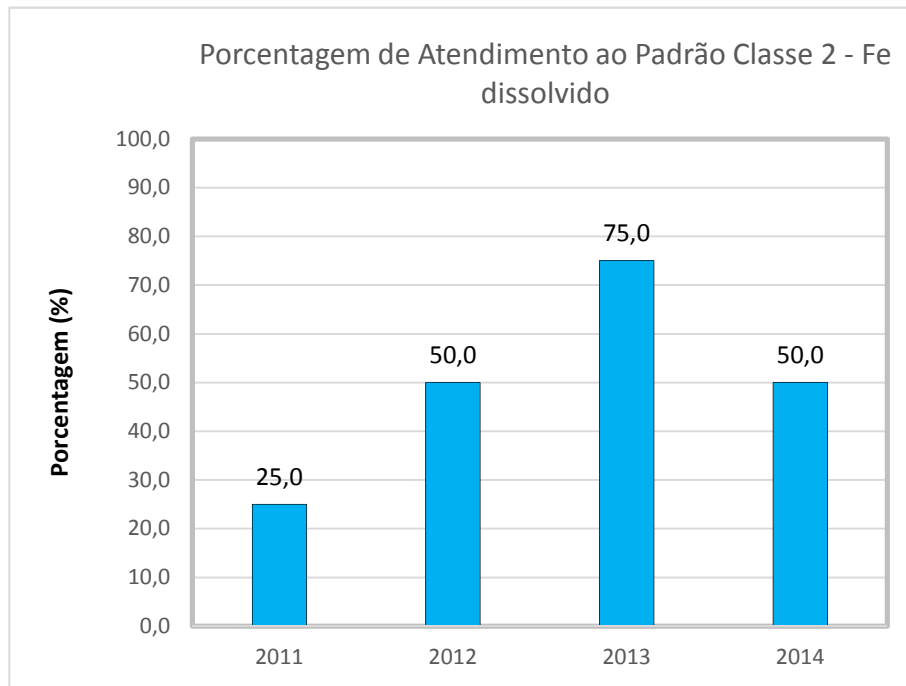
CRUM 02300 – Clorofila a ($\mu\text{g/L}$)



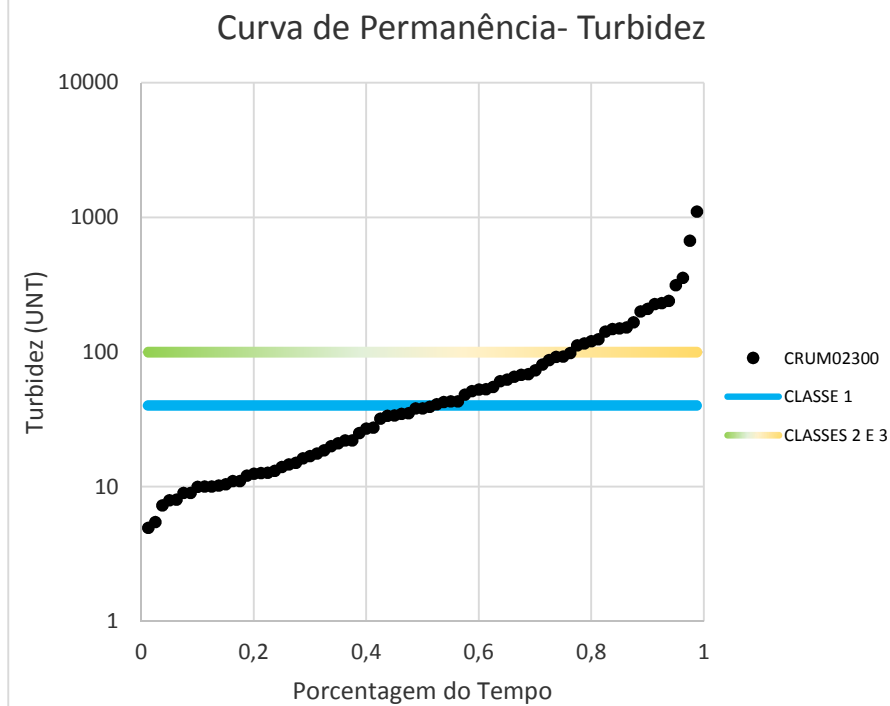
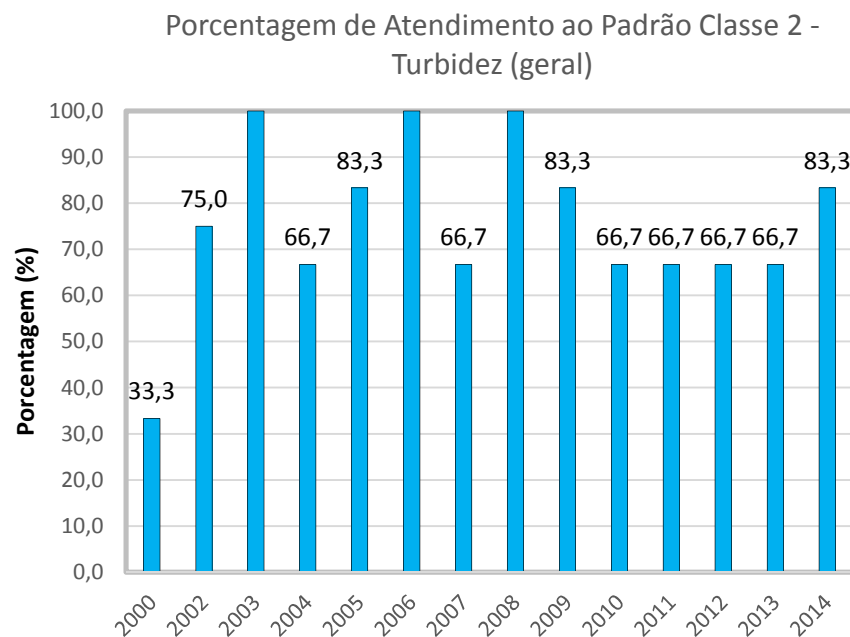
CRUM 02300 – Nitrogênio Amoniacal (mg/L)



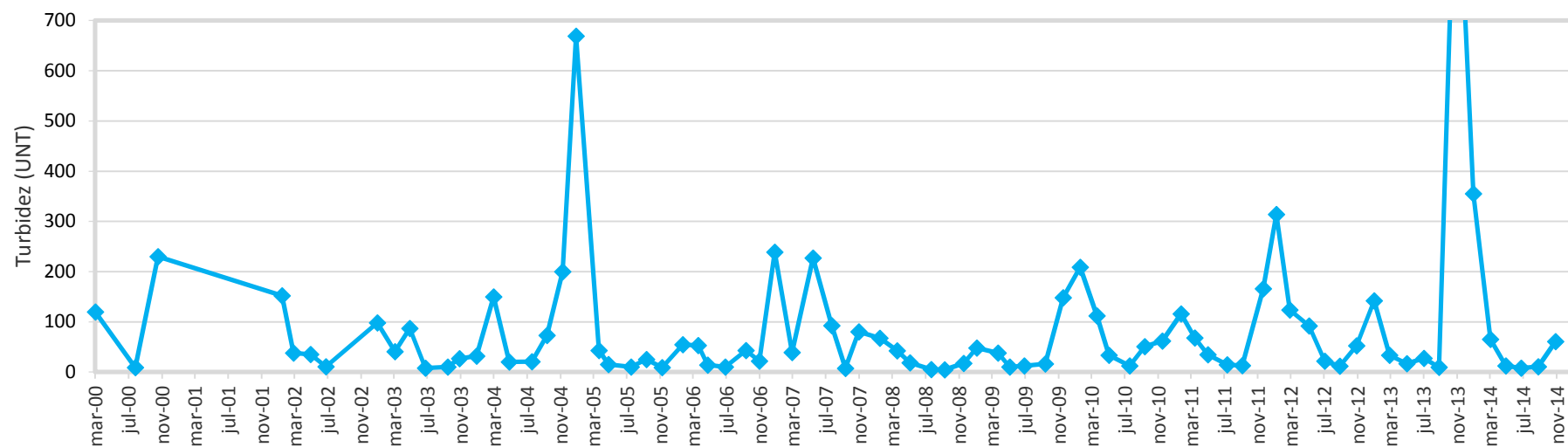
CRUM 02300 – Ferro Dissolvido (mg/L)



CRUM 02300 – Turbidez (UNT)

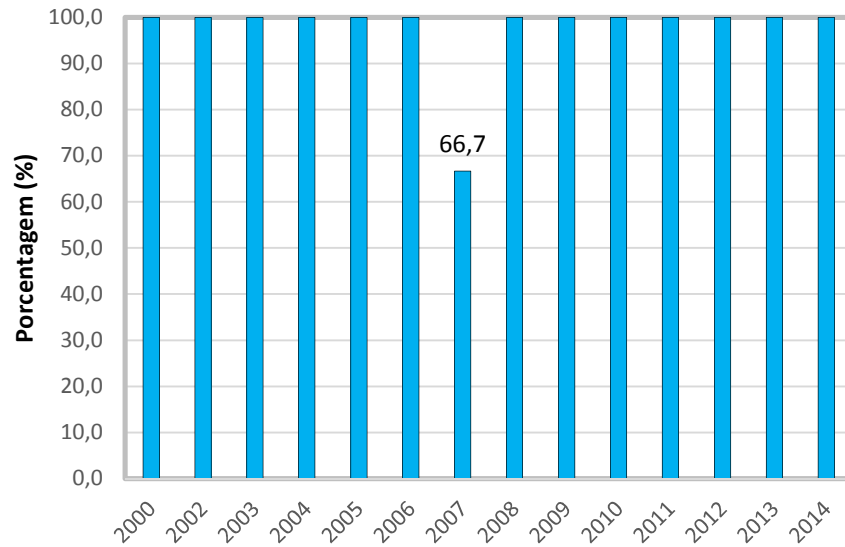


Evolução Temporal

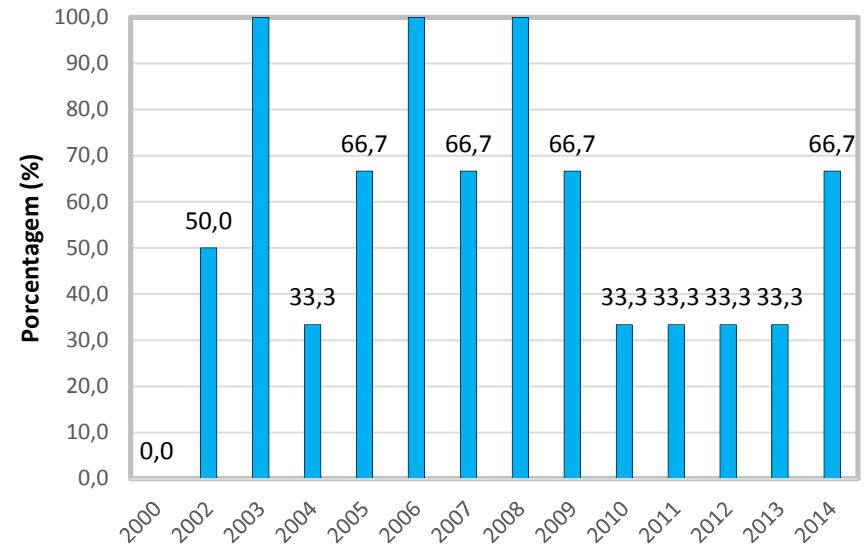


CRUM 02300 – Turbidez (Período Seco x Período Chuvoso)

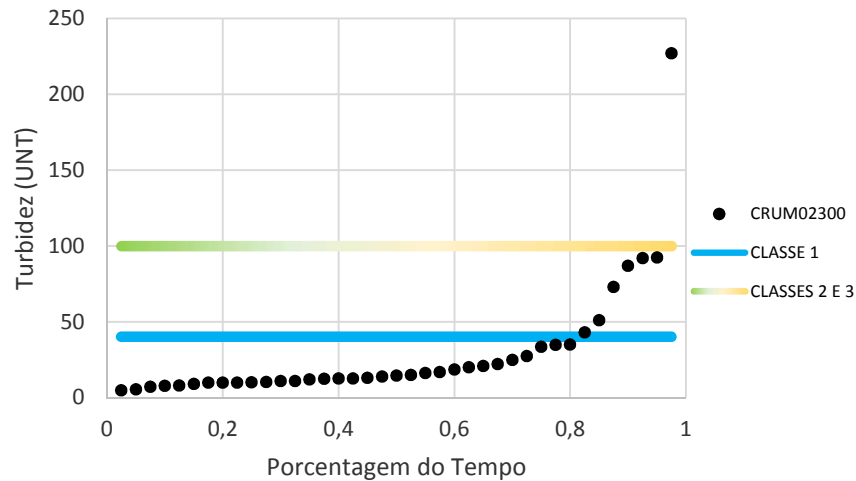
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



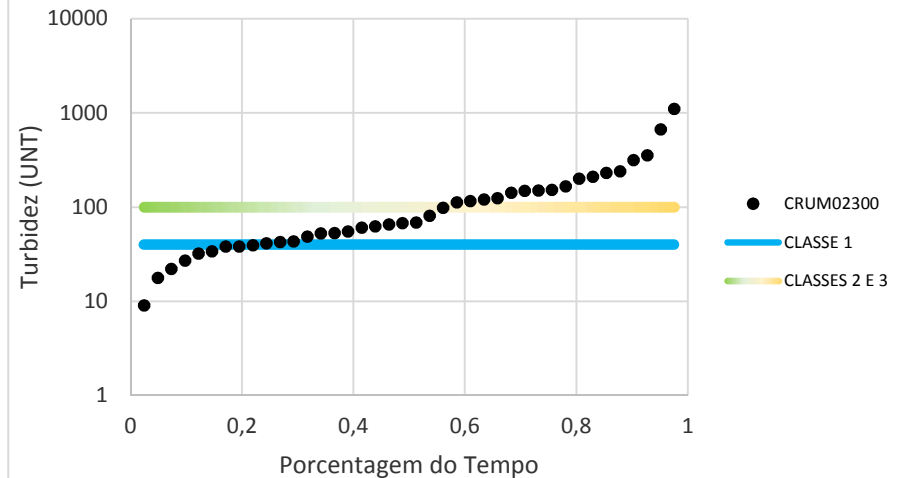
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



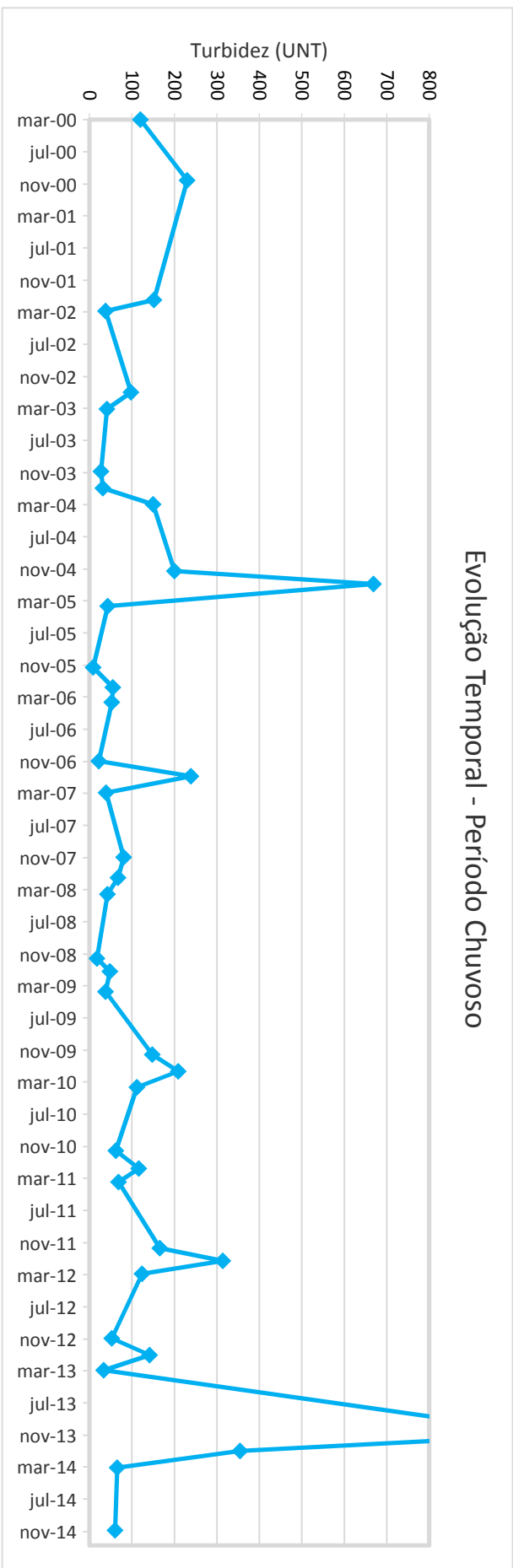
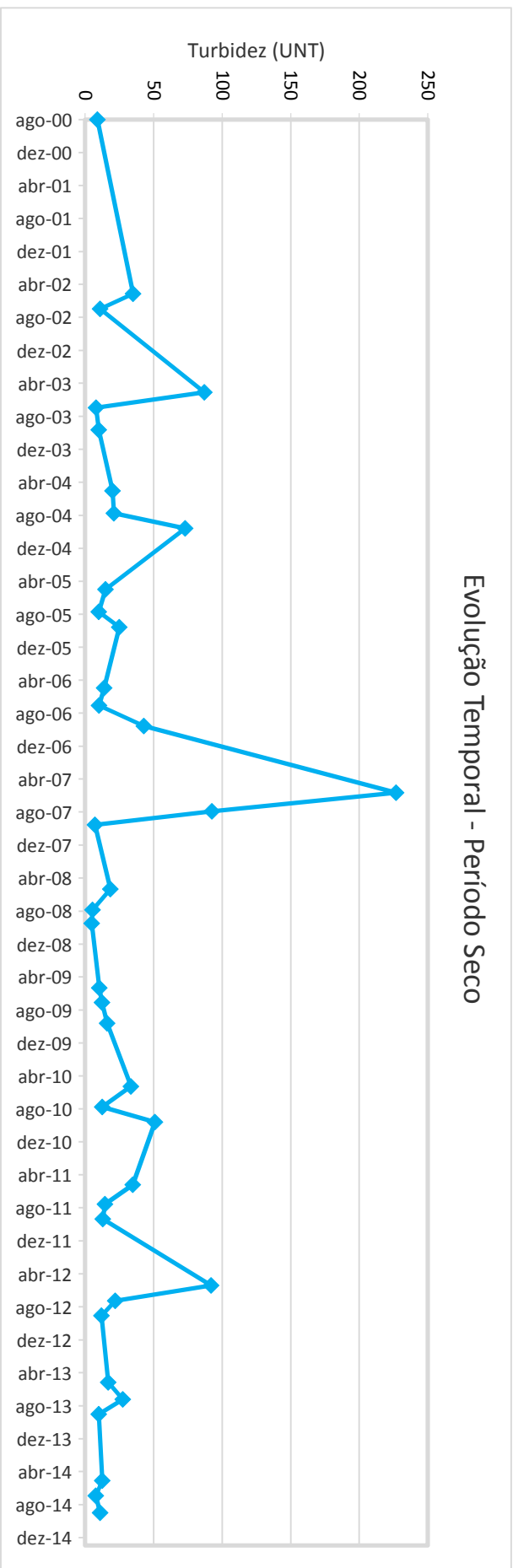
Curva de Permanência- Turbidez
Período Seco



Curva de Permanência- Turbidez
Período Chuvoso

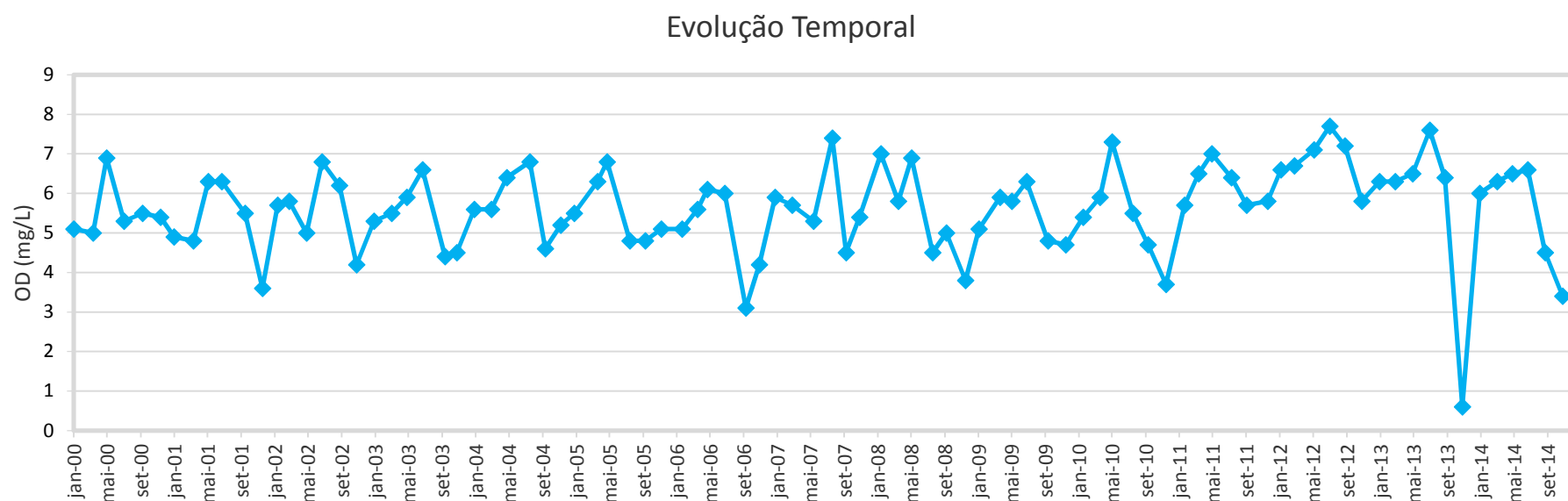
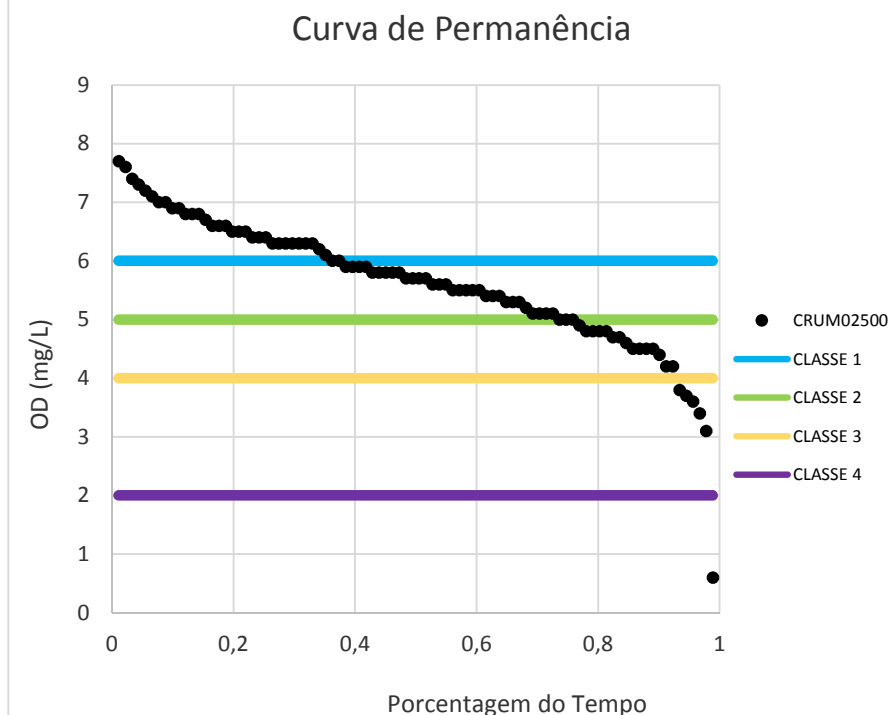
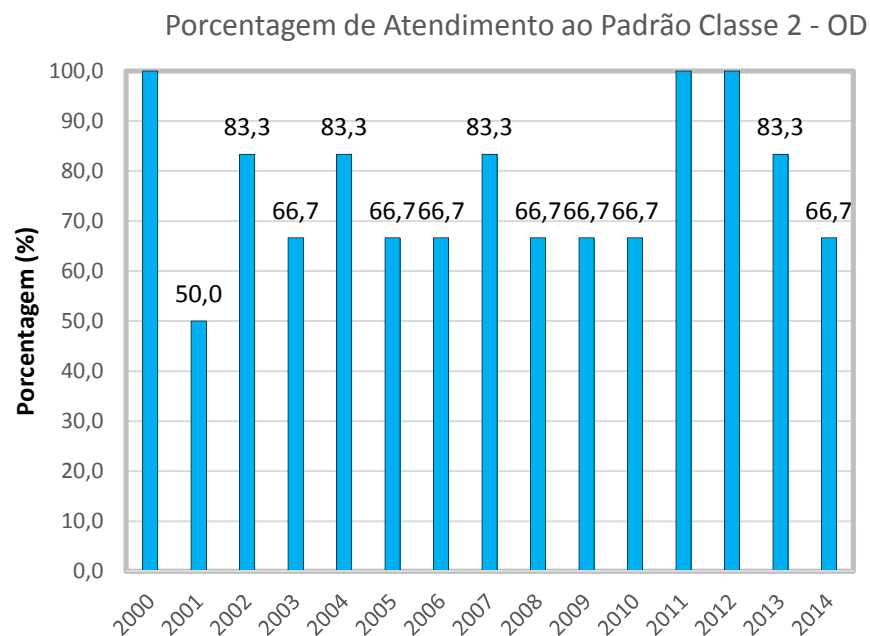


CRUM 02300 – Turbidez (Período Seco x Período Chuvoso)

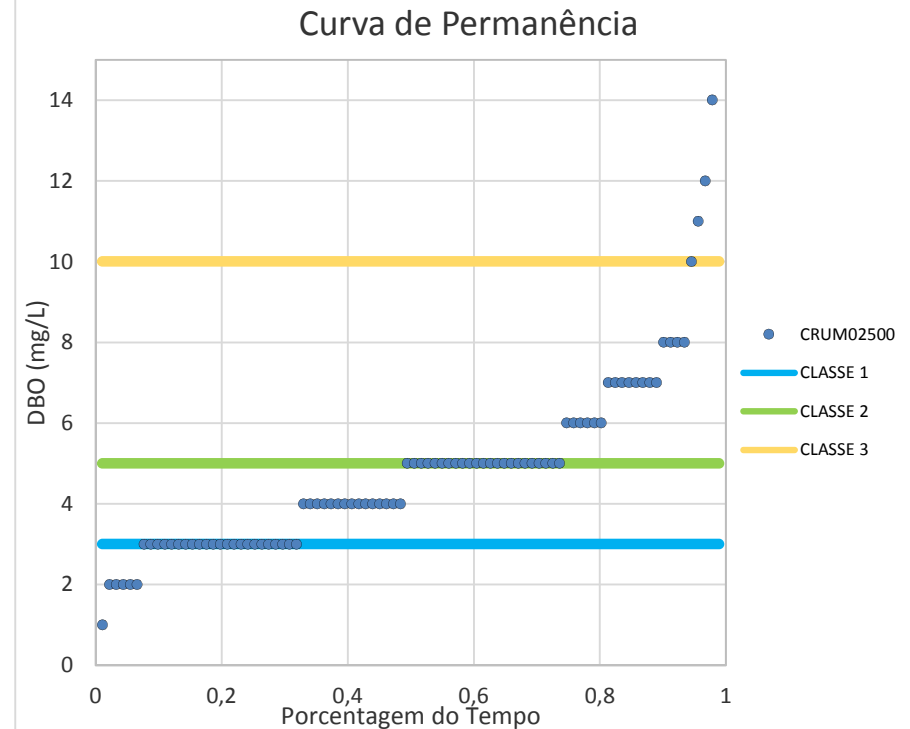
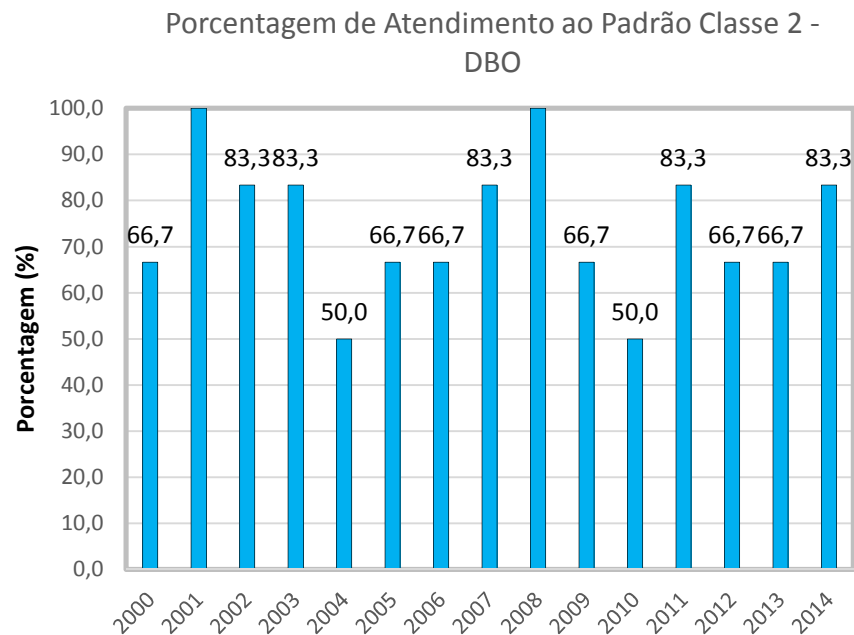


Rio Corumbataí
CRUM 02500

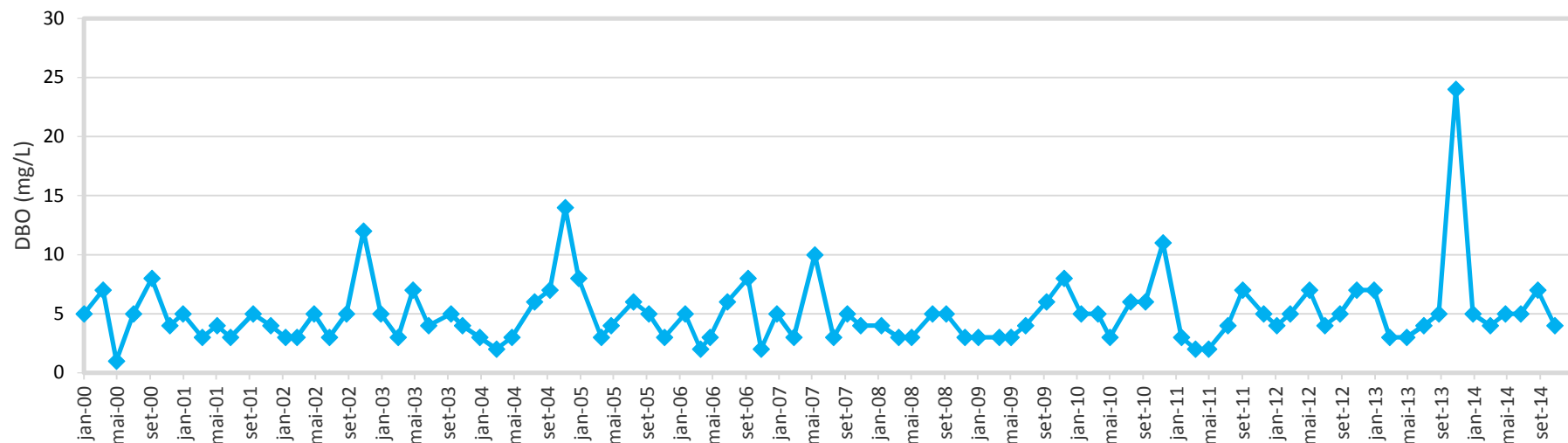
CRUM 02500 – Oxigênio Dissolvido (mg/L)



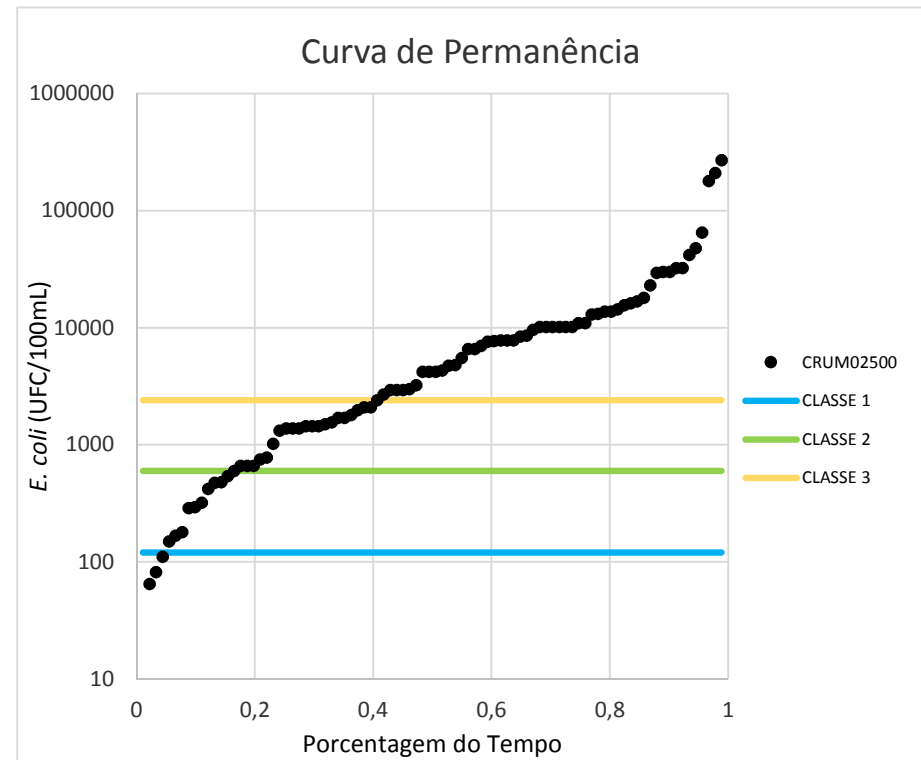
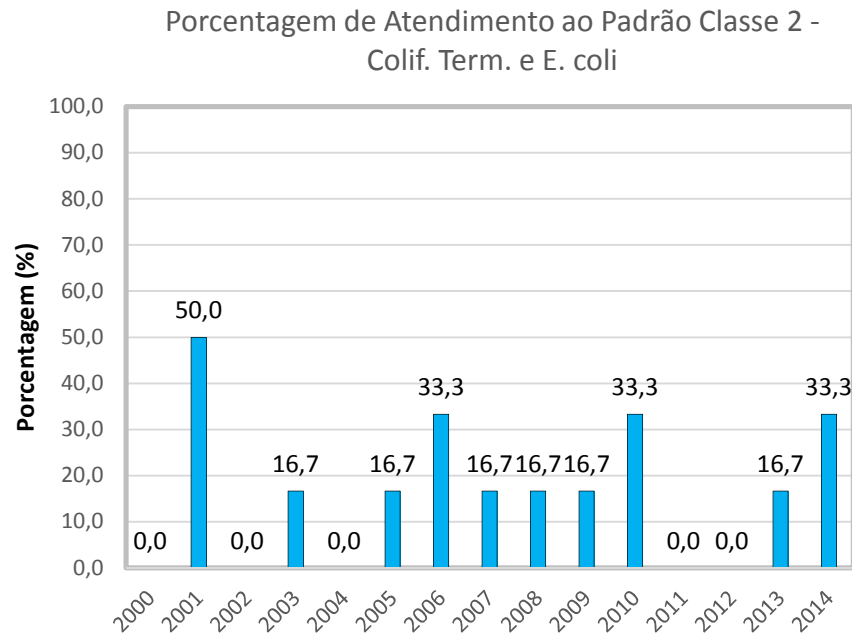
CRUM 02500 – DBO (mg/L)



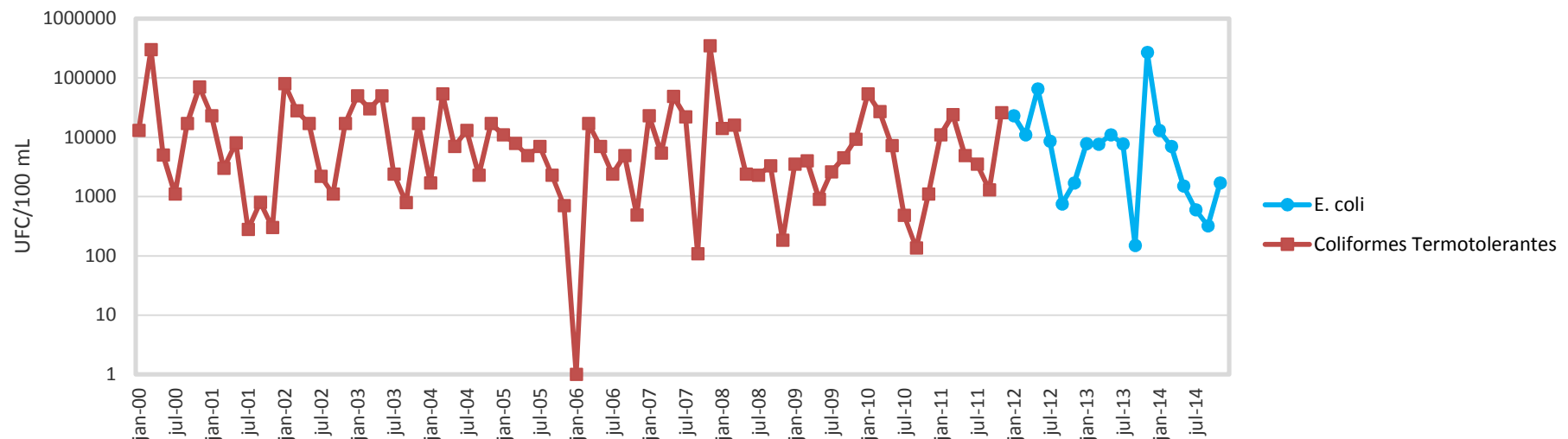
Evolução Temporal



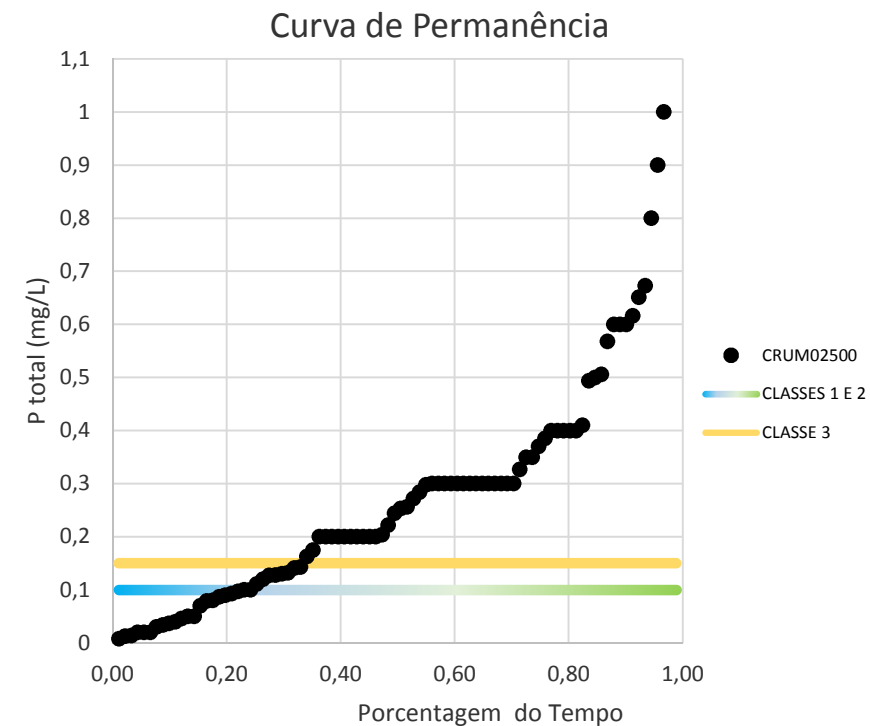
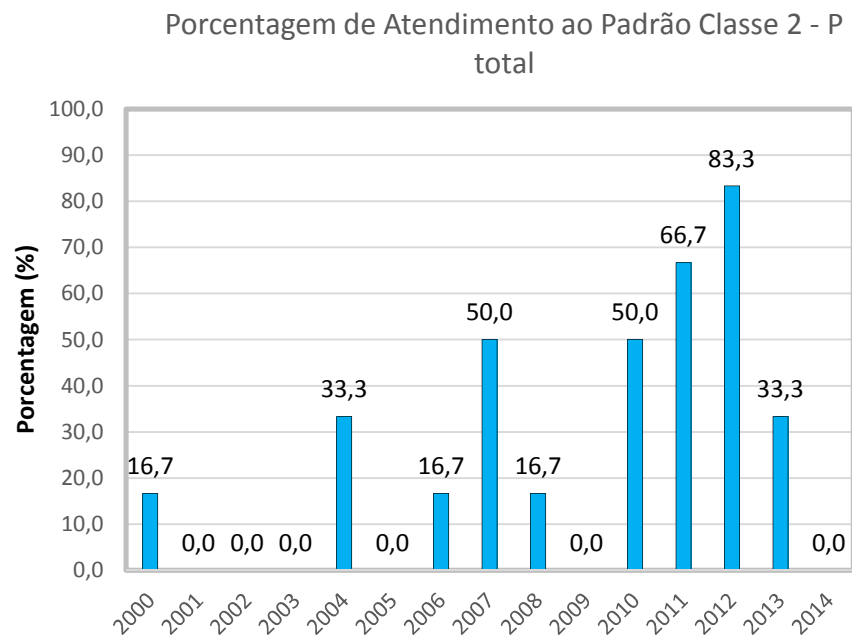
CRUM 02500 – *Escherichia coli* (UFC/100mL)



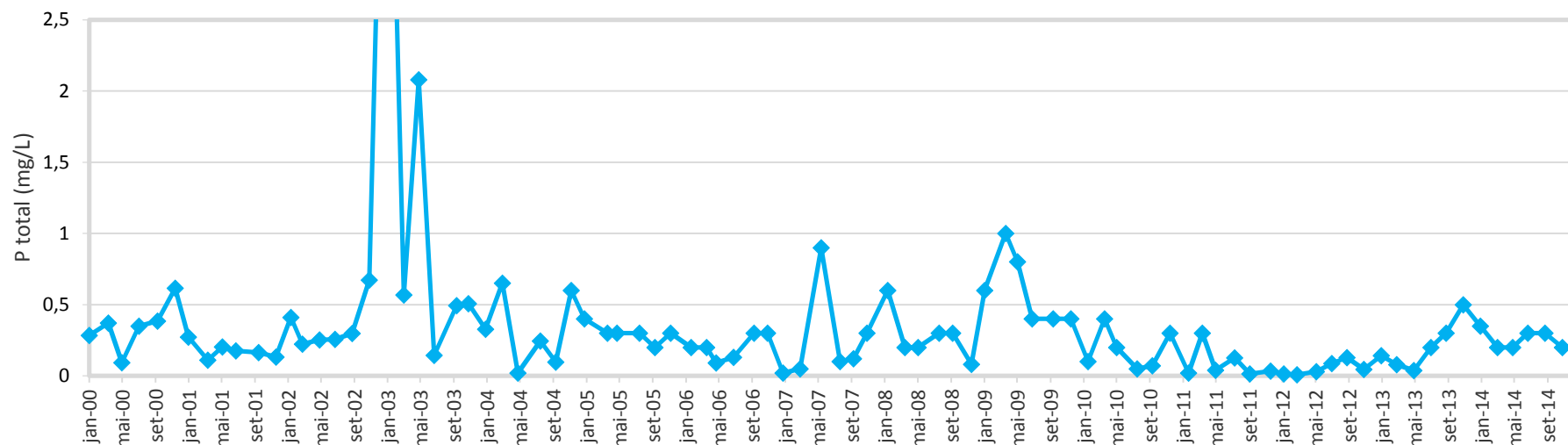
Evolução Temporal



CRUM 02500 – Fósforo Total (mg/L)

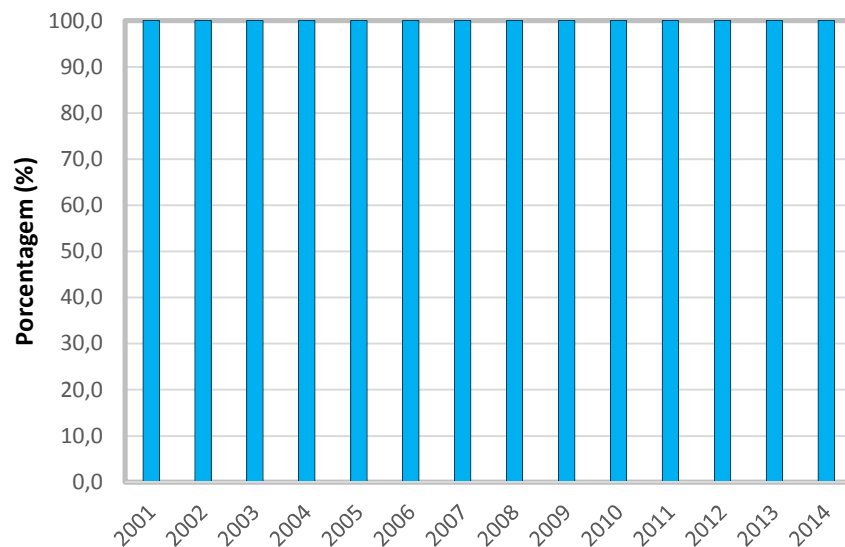


Evolução Temporal

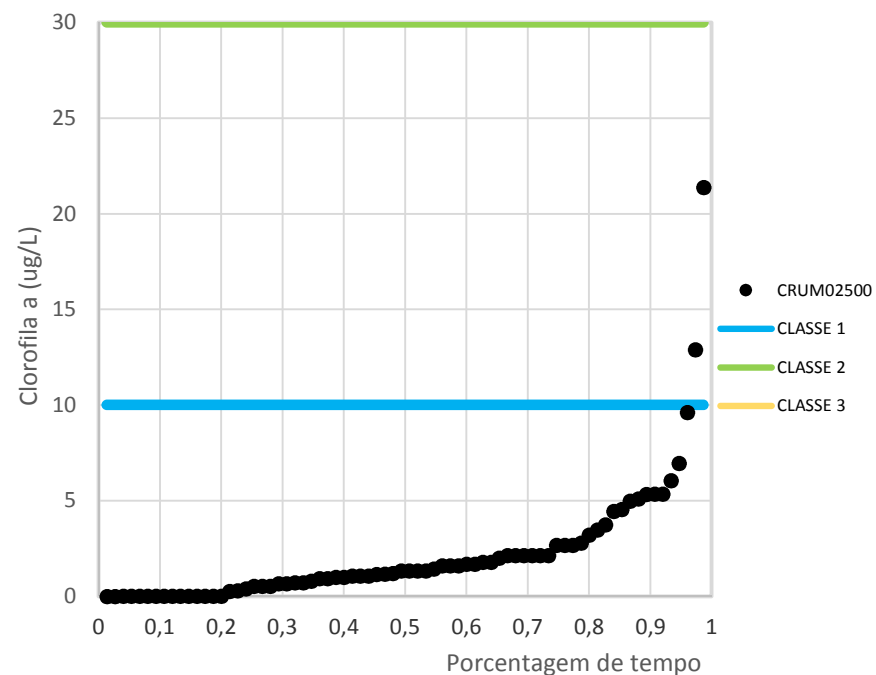


CRUM 02500 – Clorofila a ($\mu\text{g/L}$)

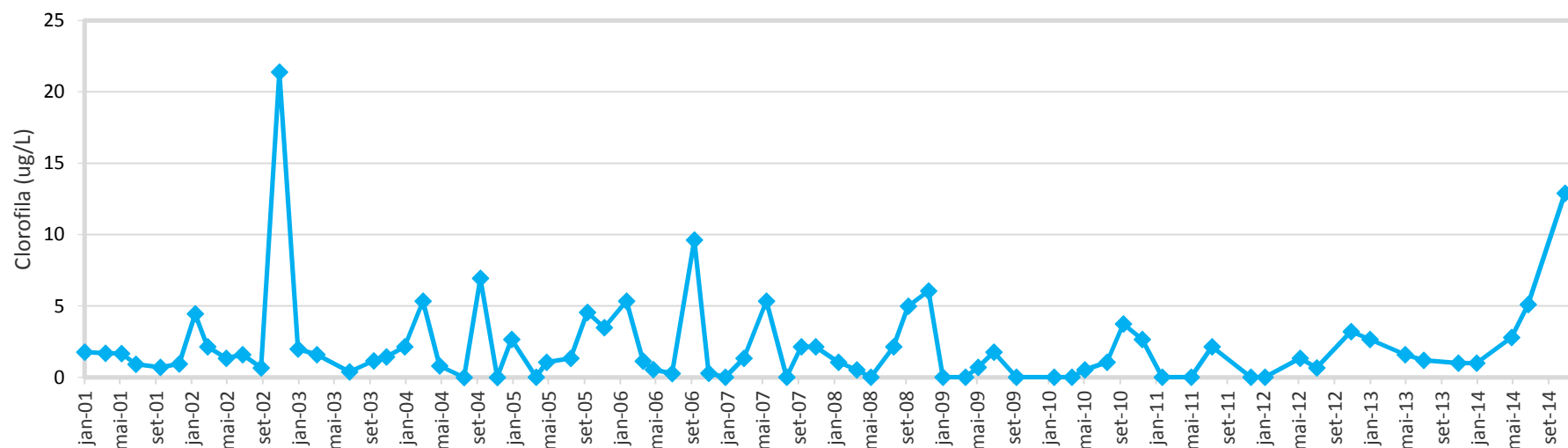
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila



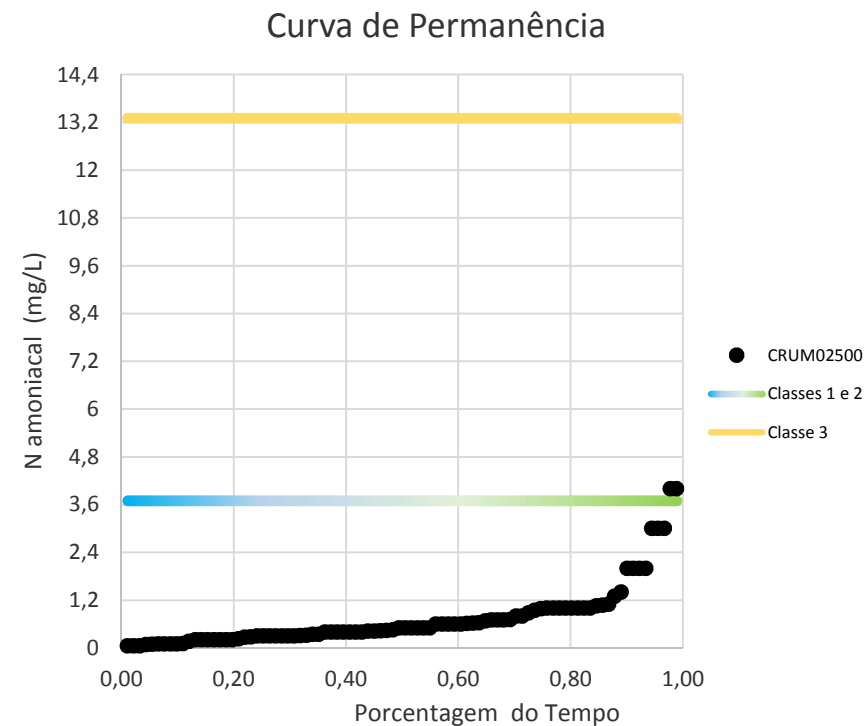
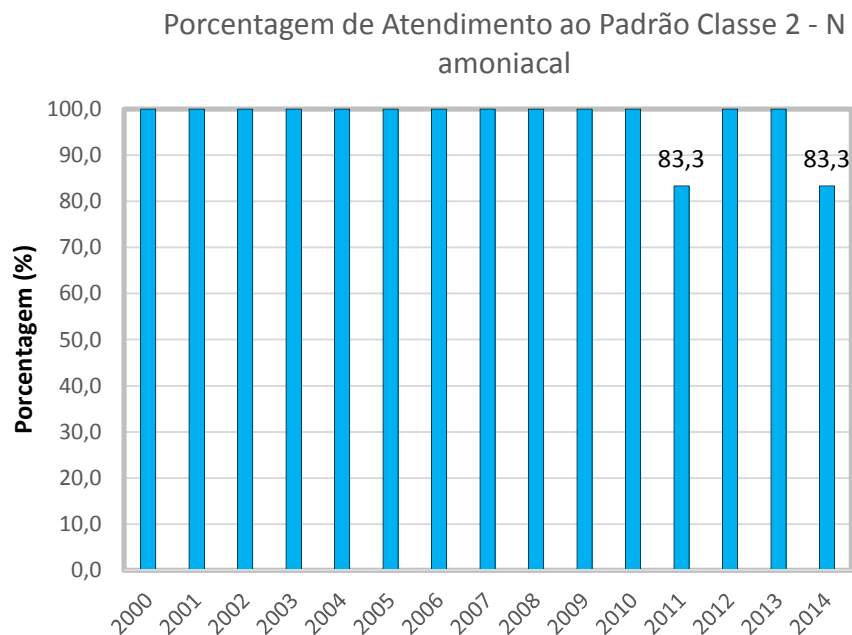
Curva de Permanência



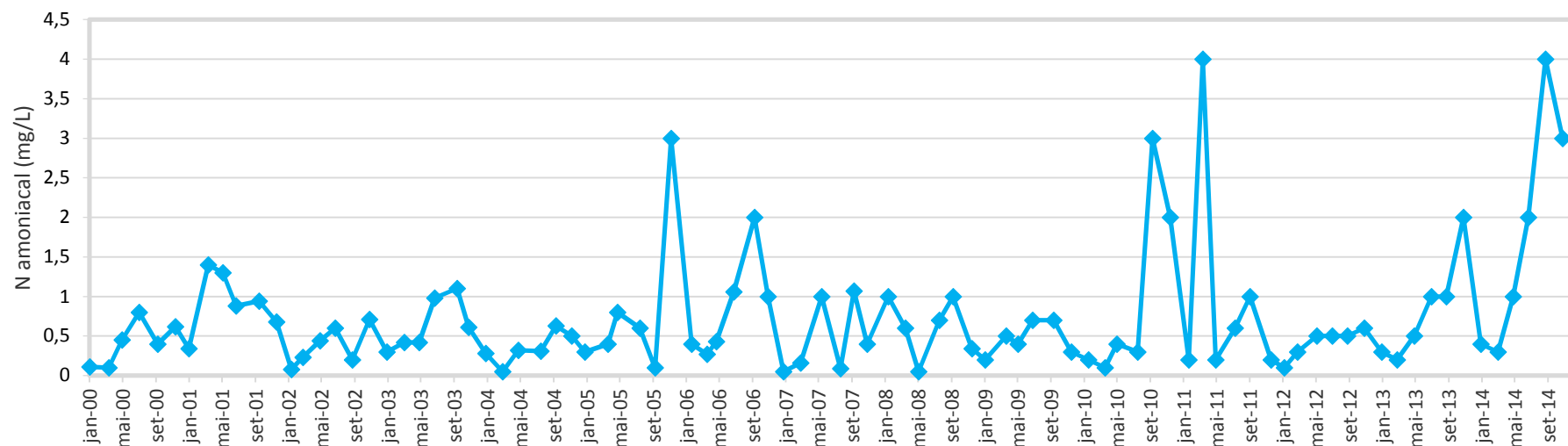
Evolução Temporal



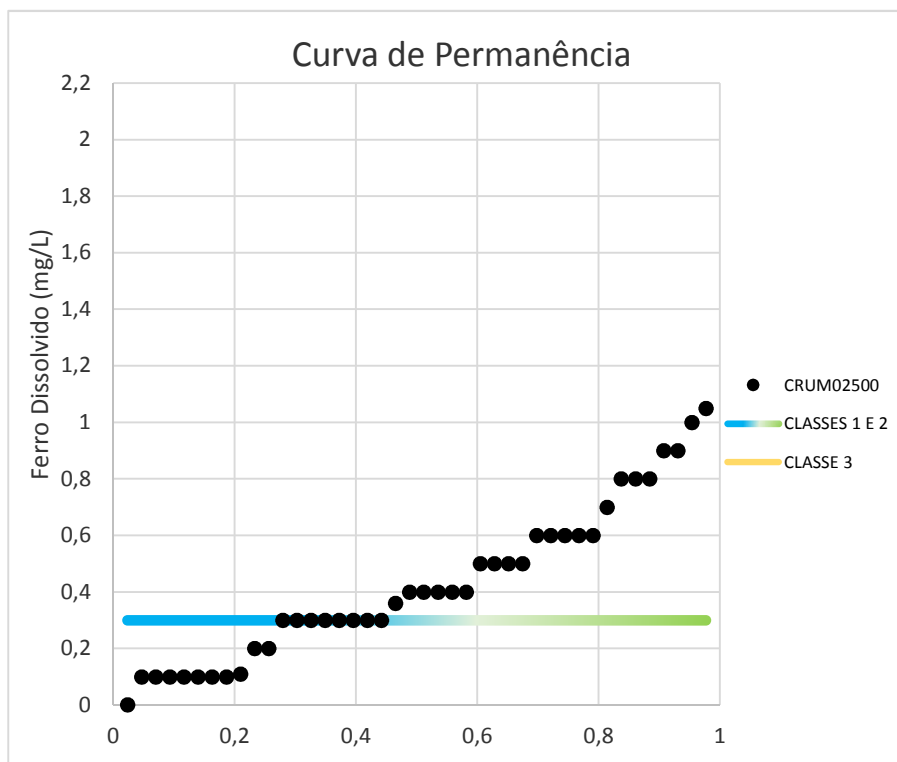
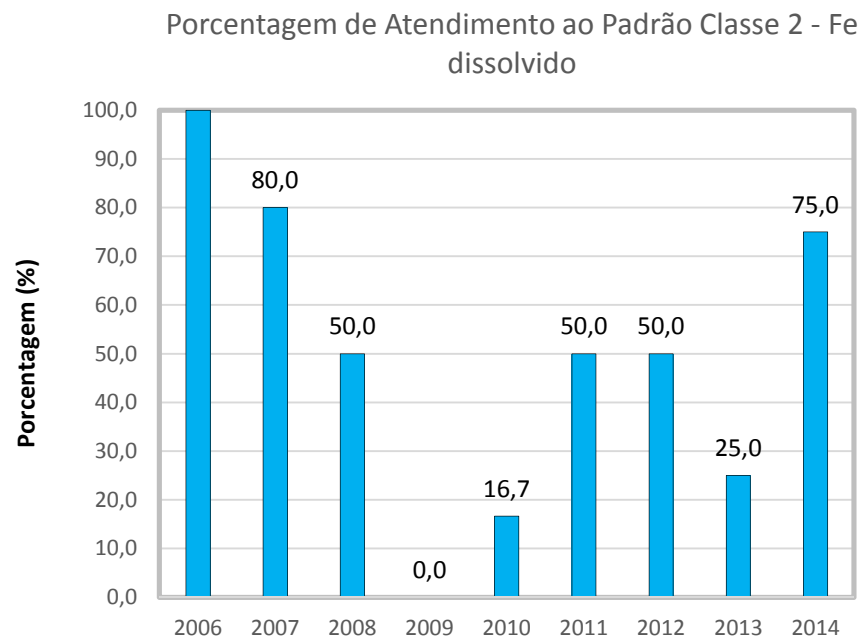
CRUM 02500 – Nitrogênio Amoniacal (mg/L)



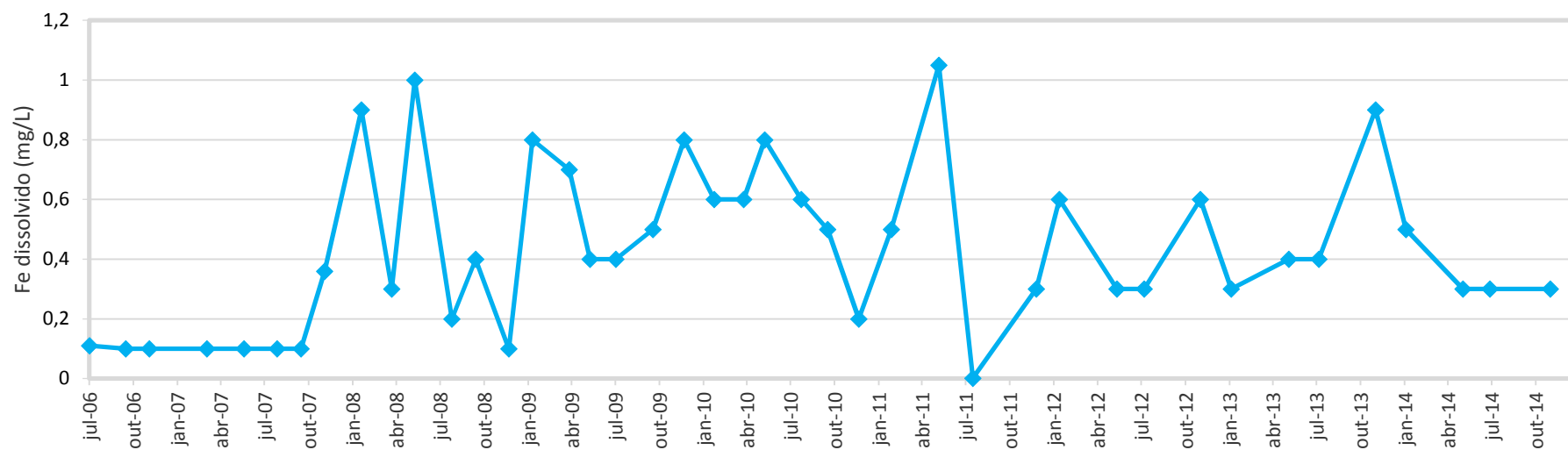
Evolução Temporal



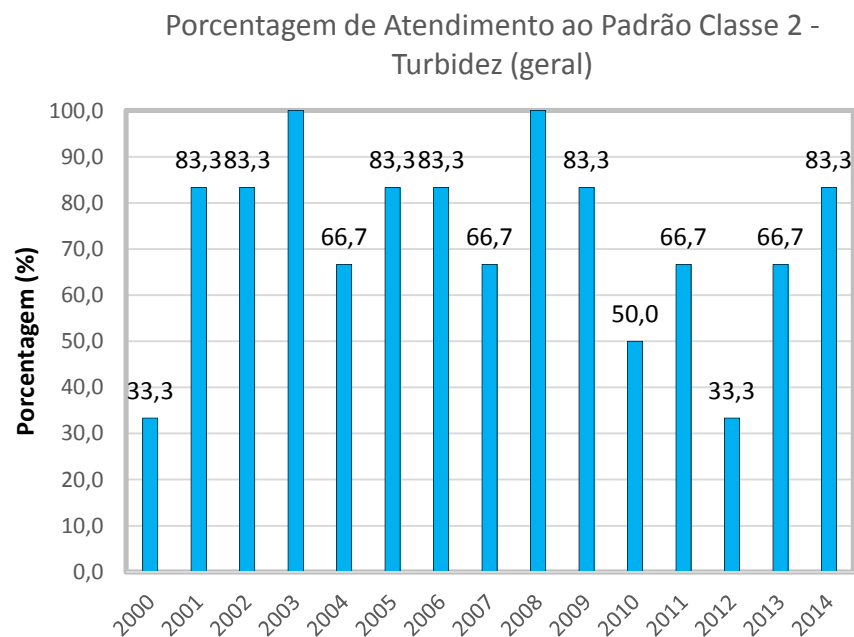
CRUM 02500 – Ferro Dissolvido (mg/L)



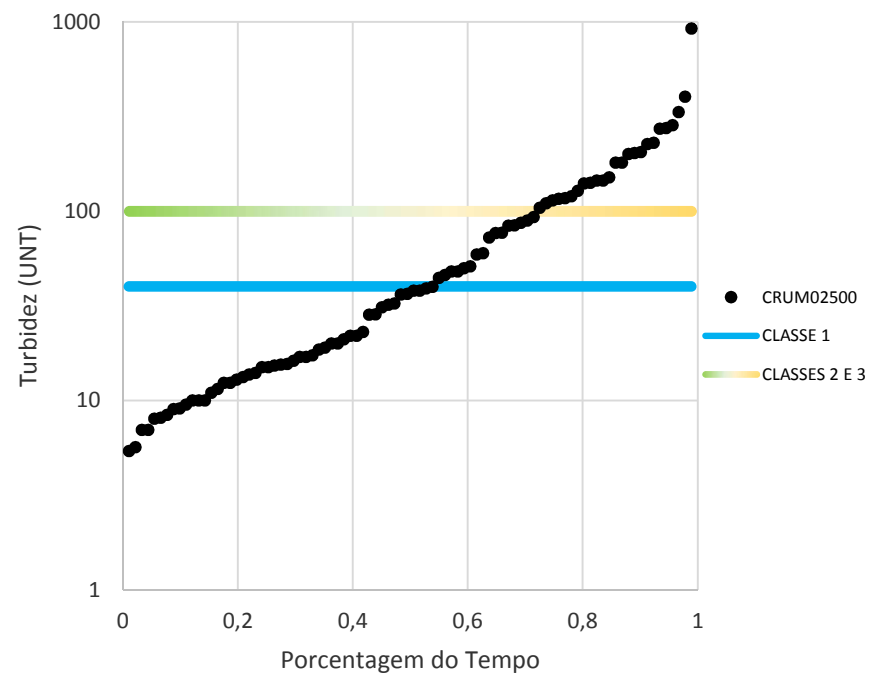
Evolução Temporal



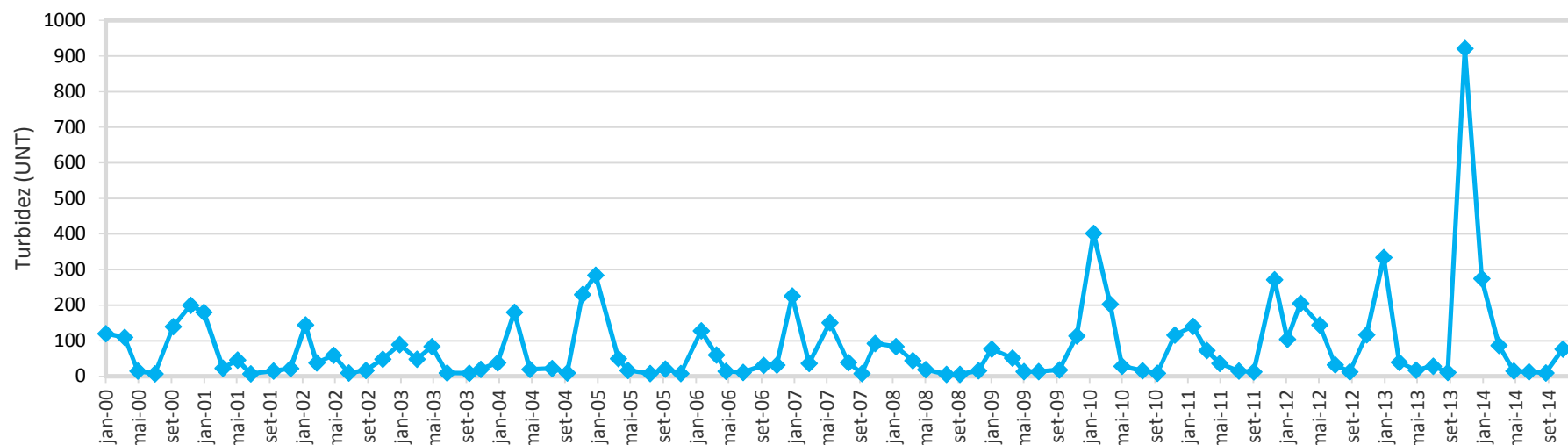
CRUM 02500 – Turbidez (UNT)



Curva de Permanência- Turbidez

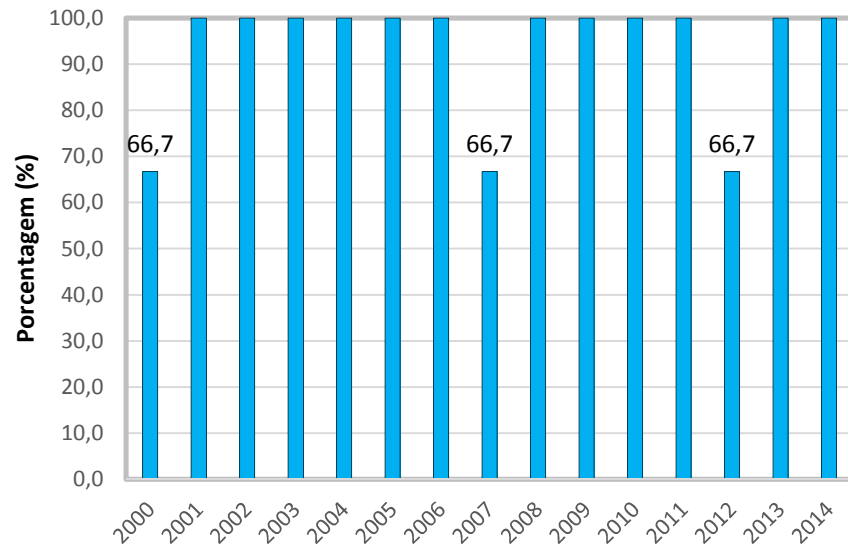


Evolução Temporal

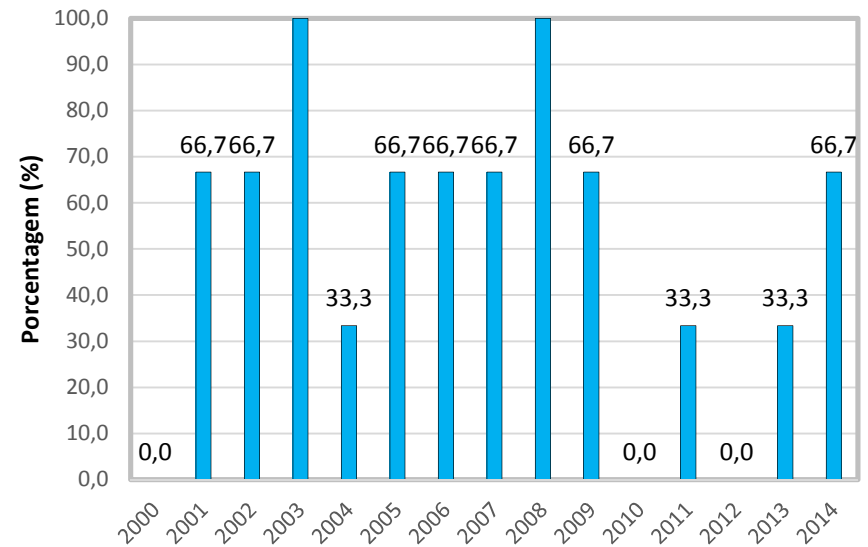


CRUM 02500 – Turbidez (Período Seco x Período Chuvoso)

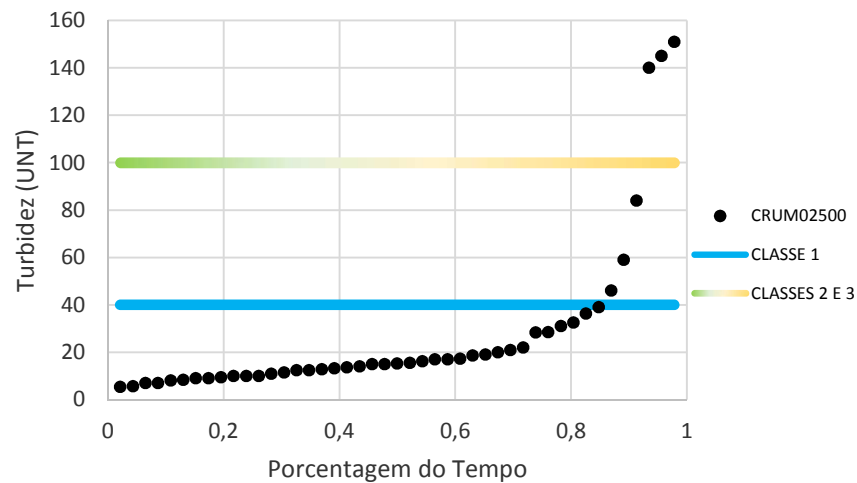
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



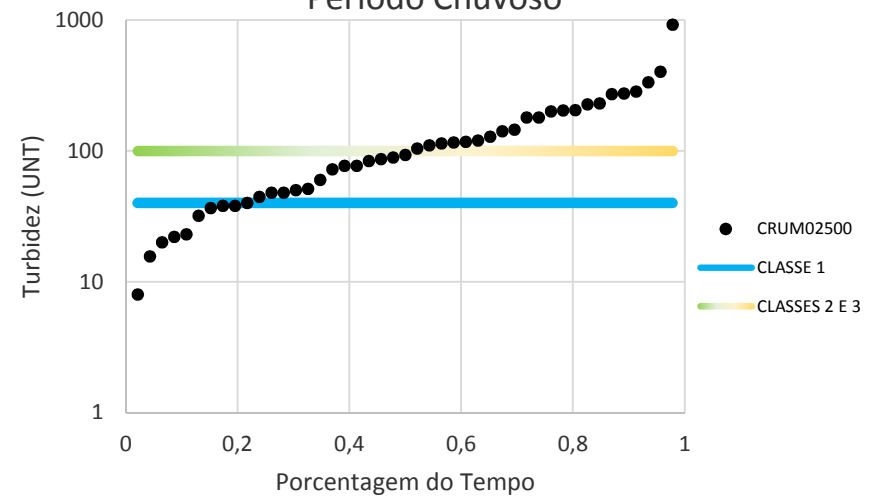
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

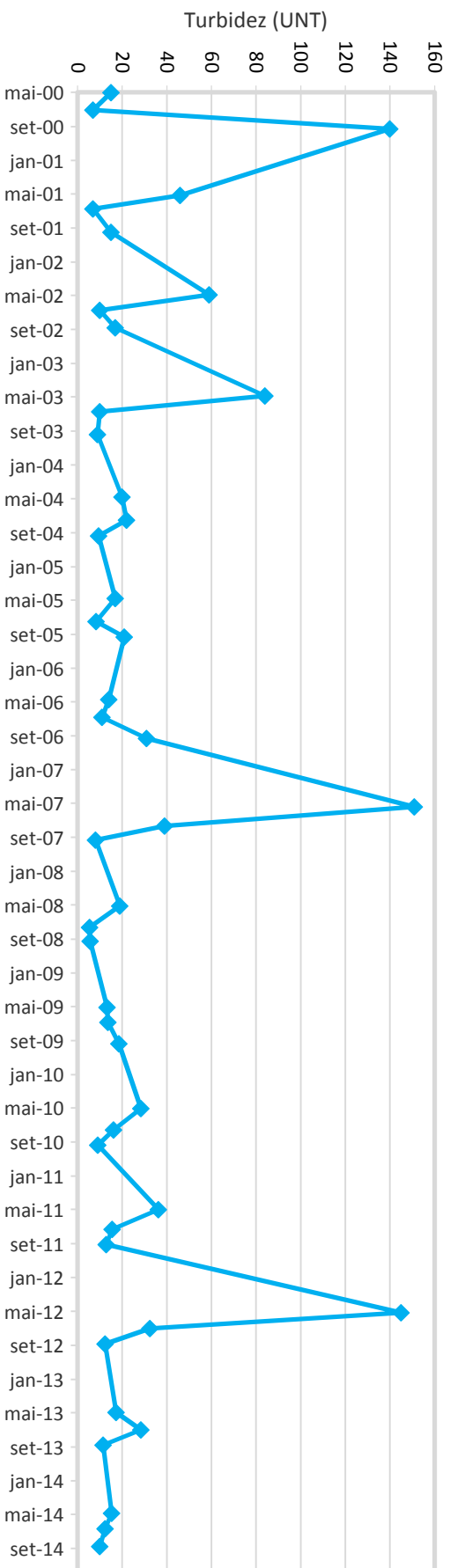


Curva de Permanência- Turbidez
Período Chuvoso

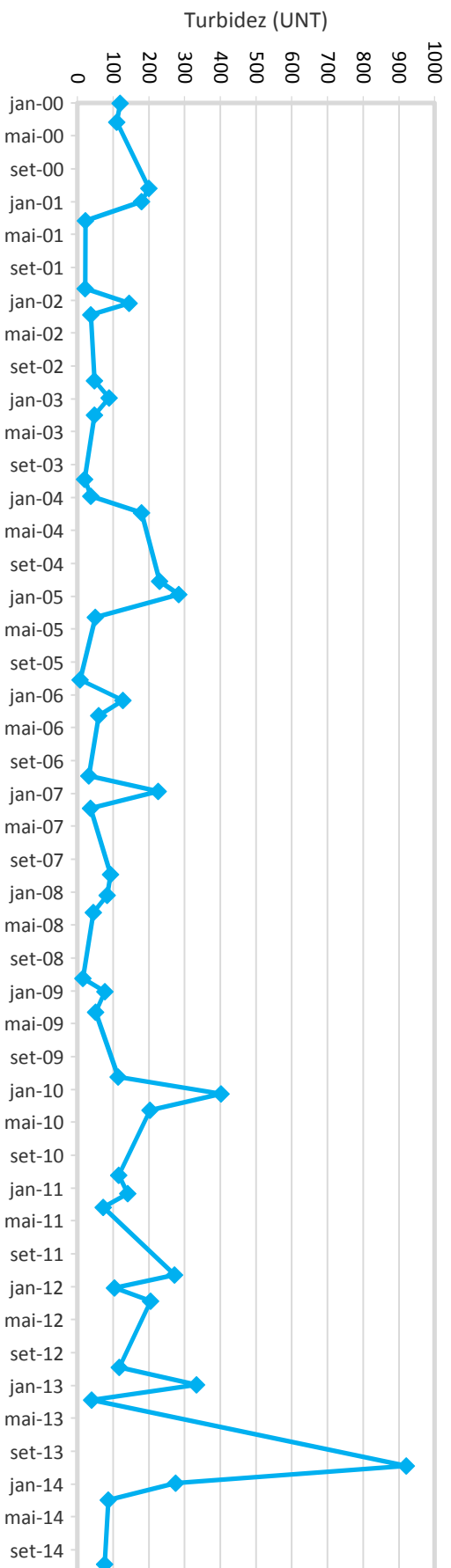


CRUM 02500 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

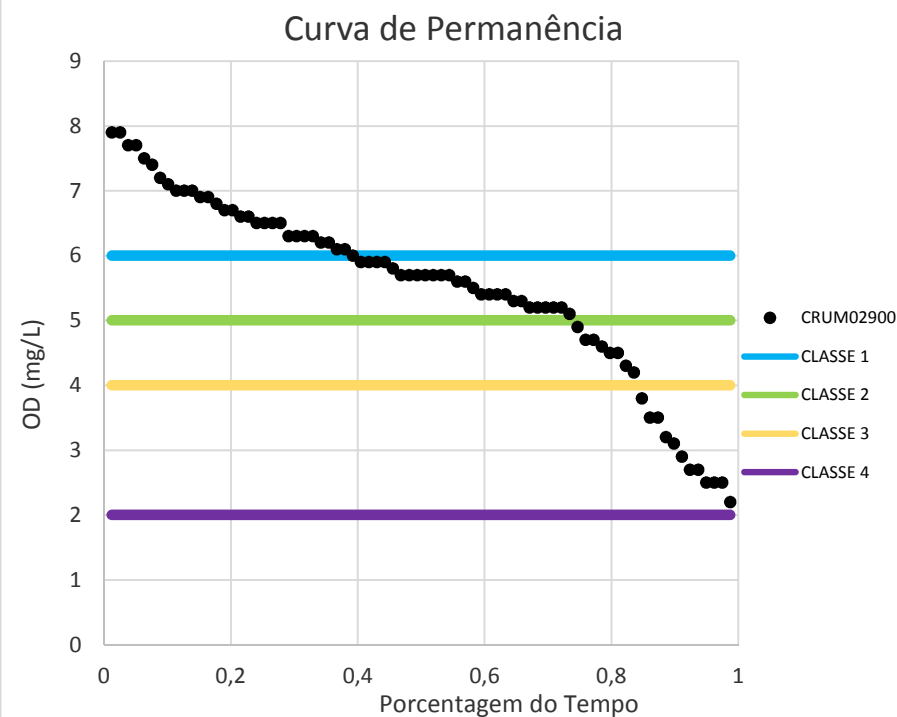
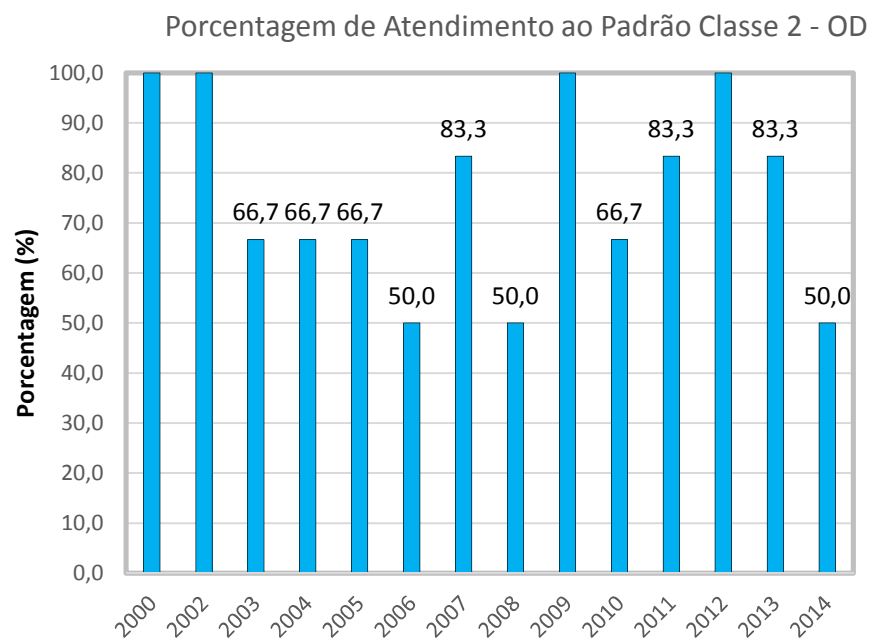


Evolução Temporal - Período Chuvoso

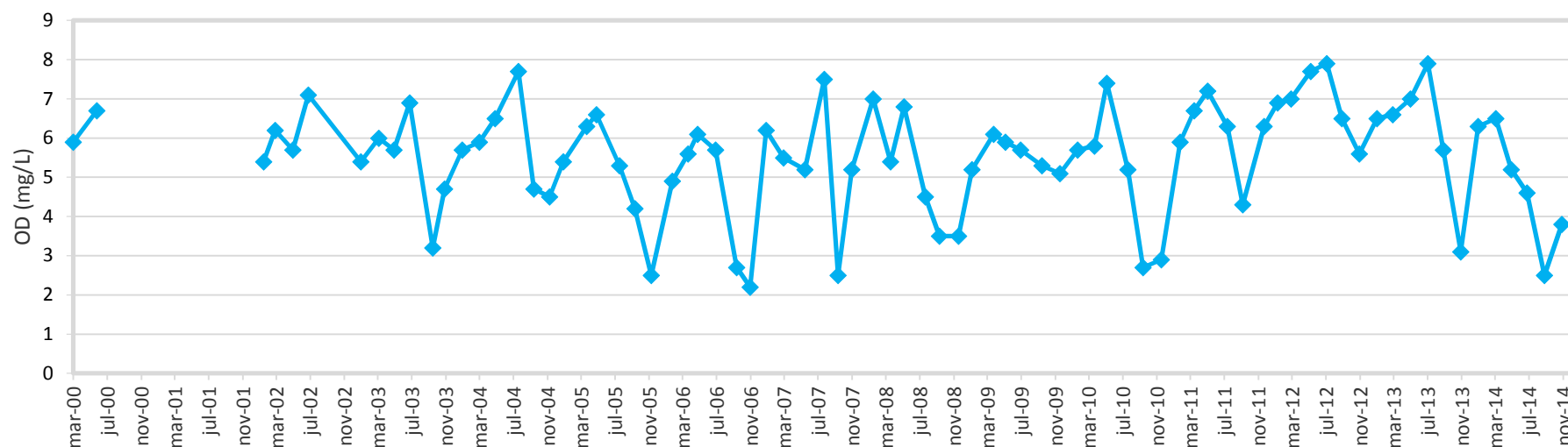


Rio Corumbataí
CRUM 02900

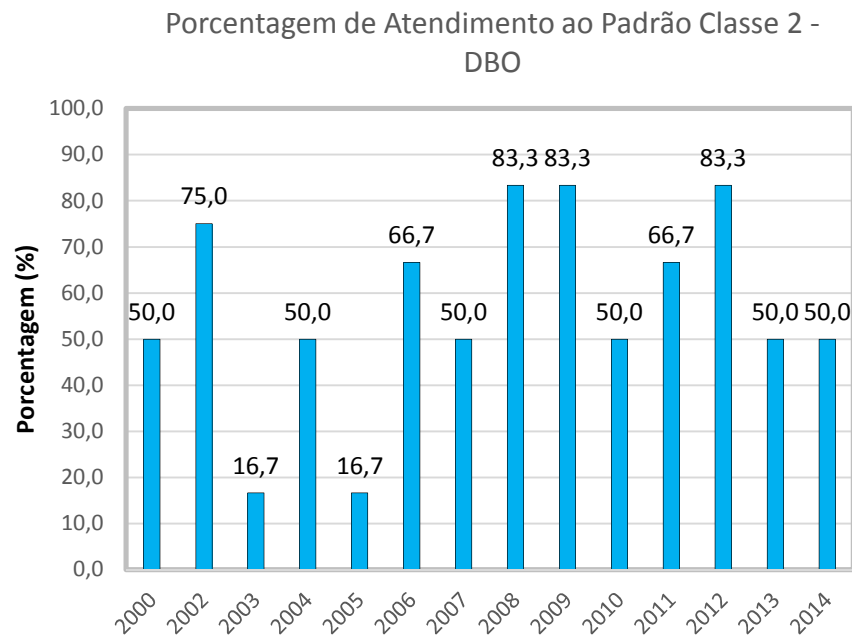
CRUM 02900 – Oxigênio Dissolvido (mg/L)



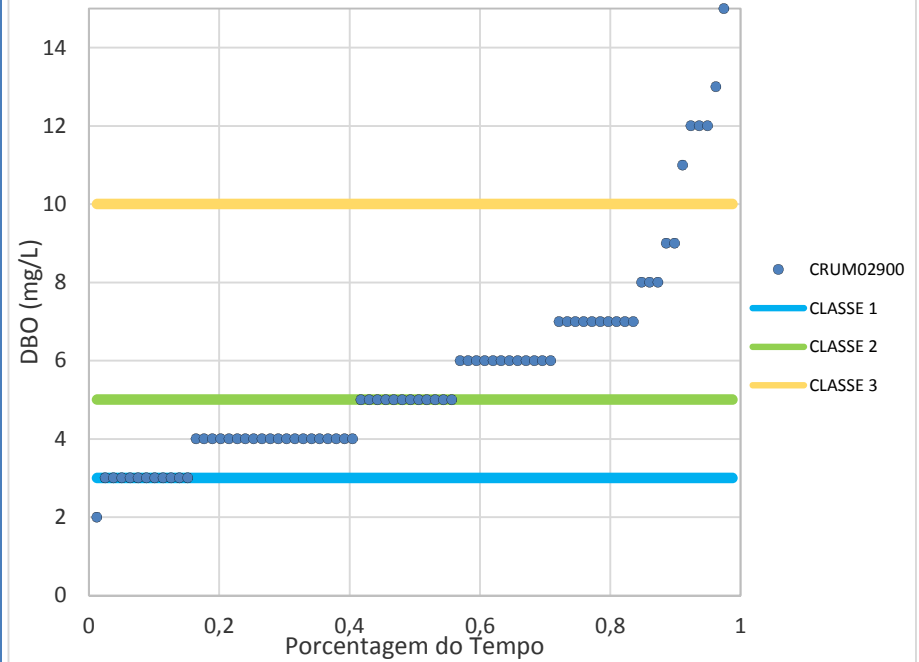
Evolução Temporal



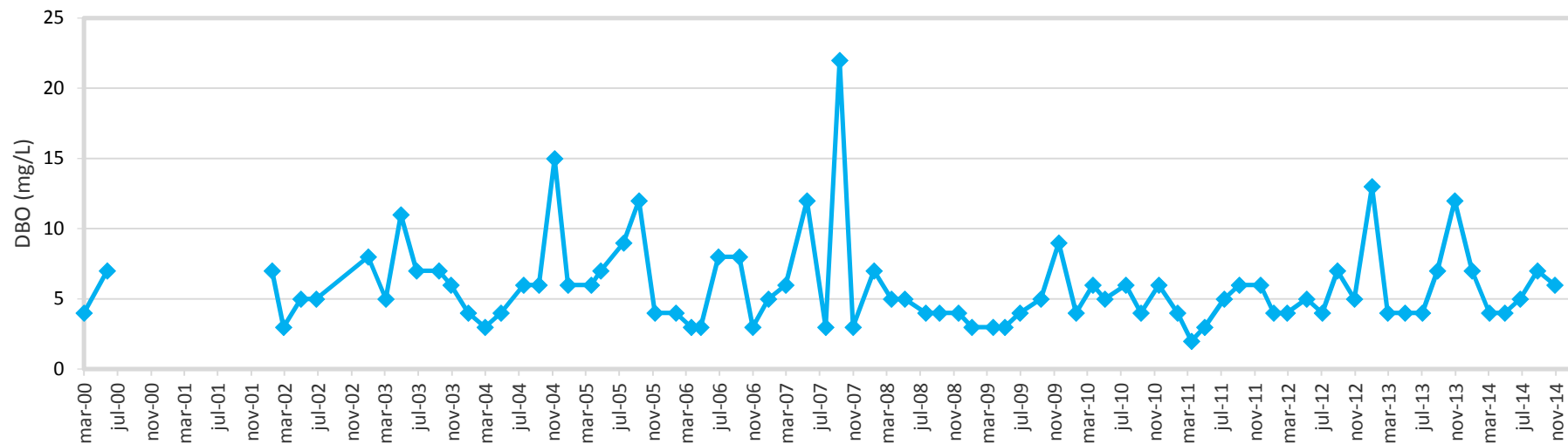
CRUM 02900 – DBO (mg/L)



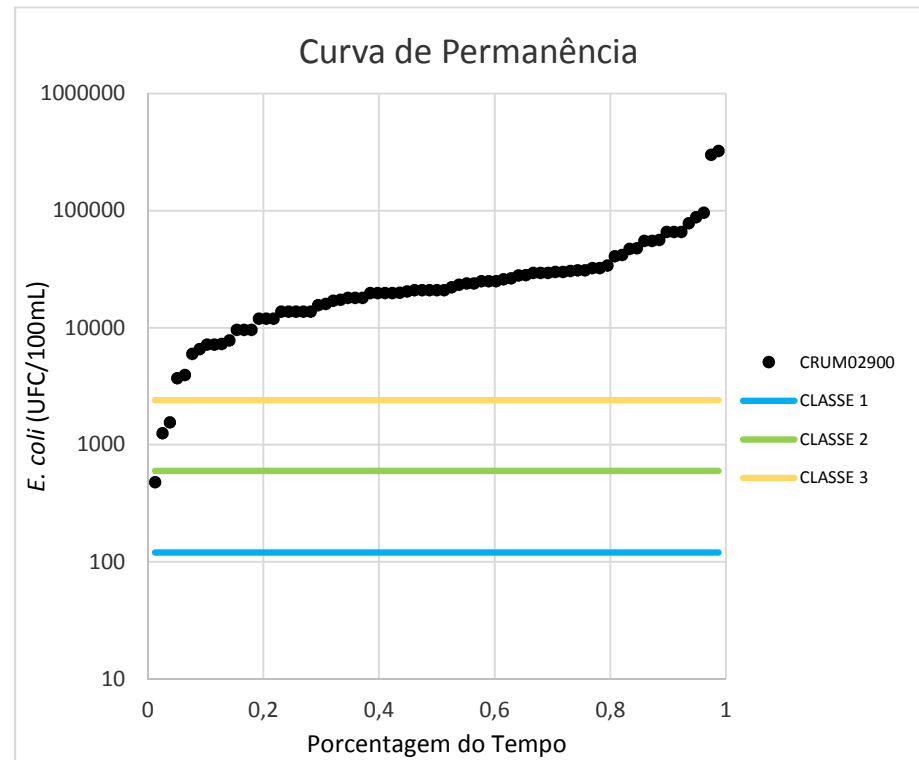
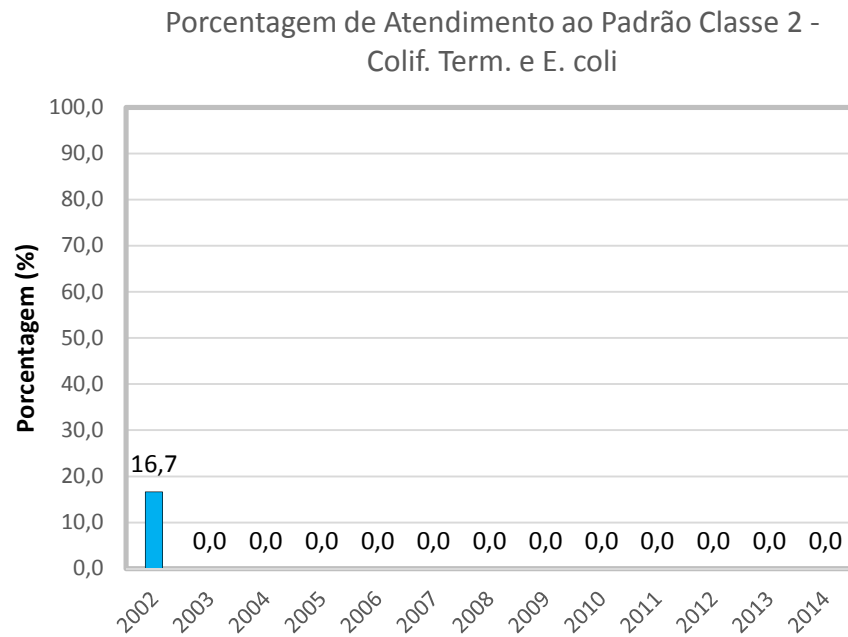
Curva de Permanência



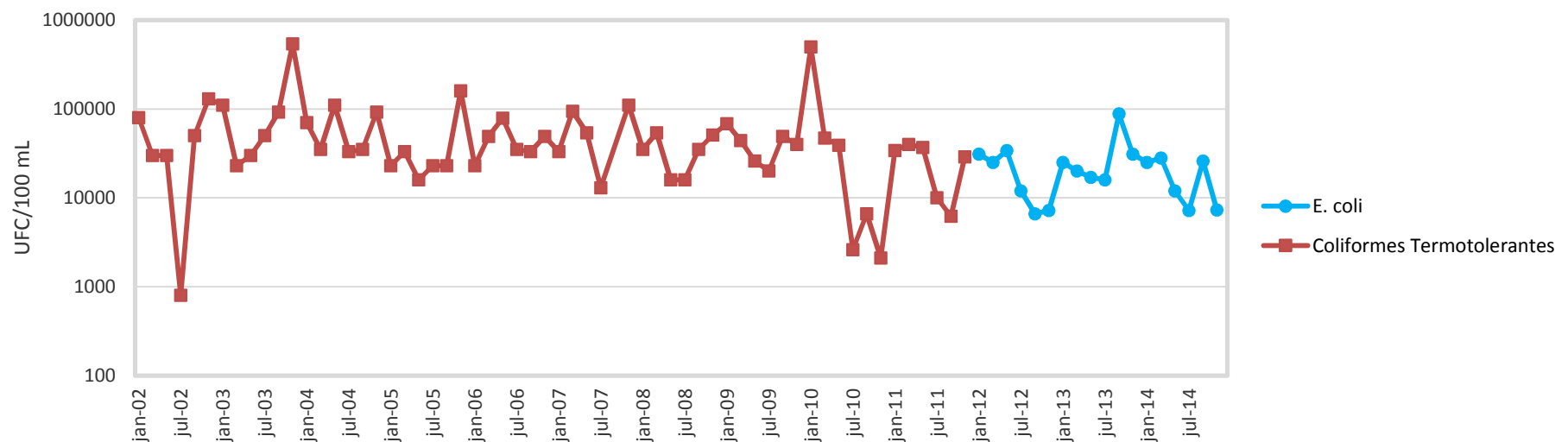
Evolução Temporal



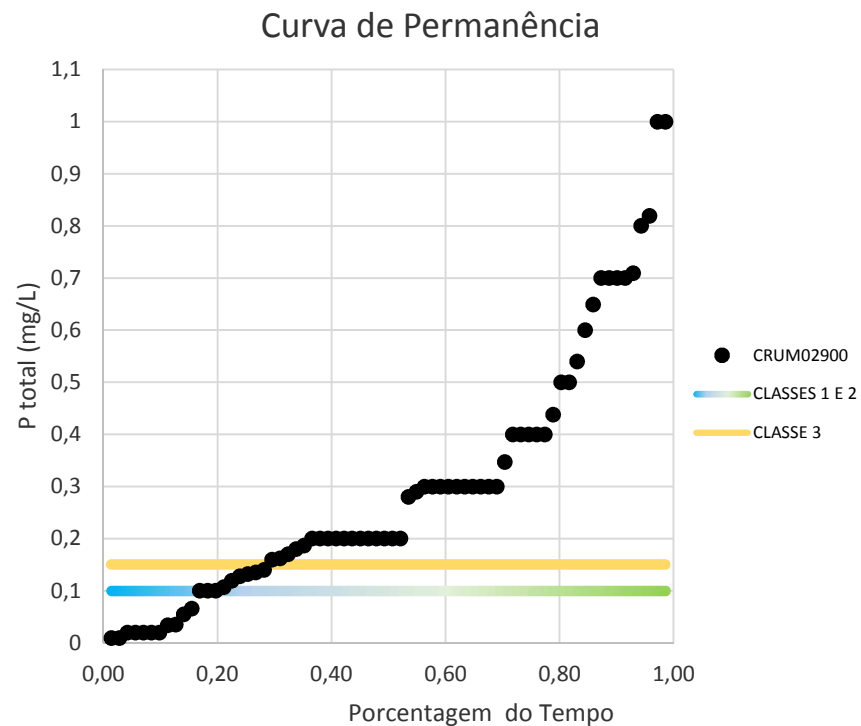
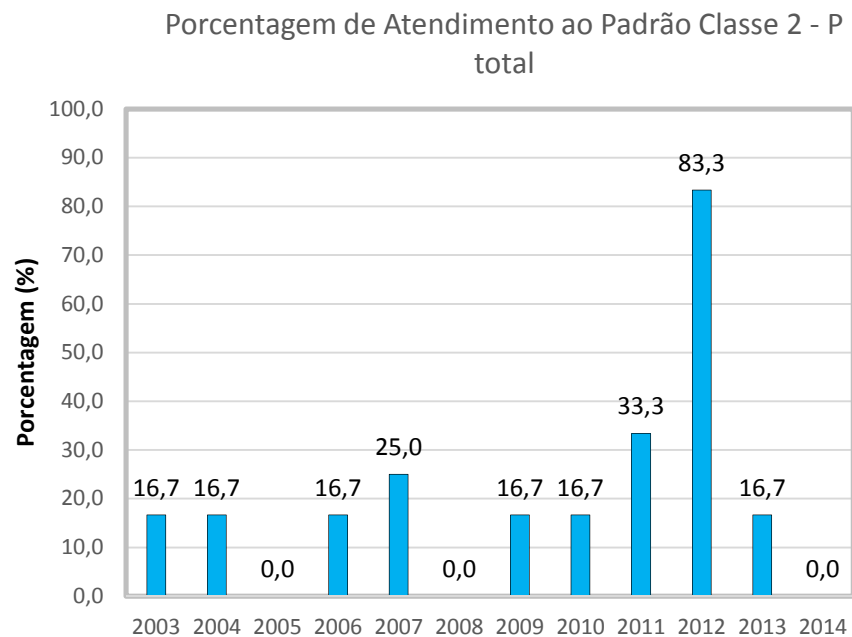
CRUM 02900 – *Escherichia coli* (UFC/100mL)



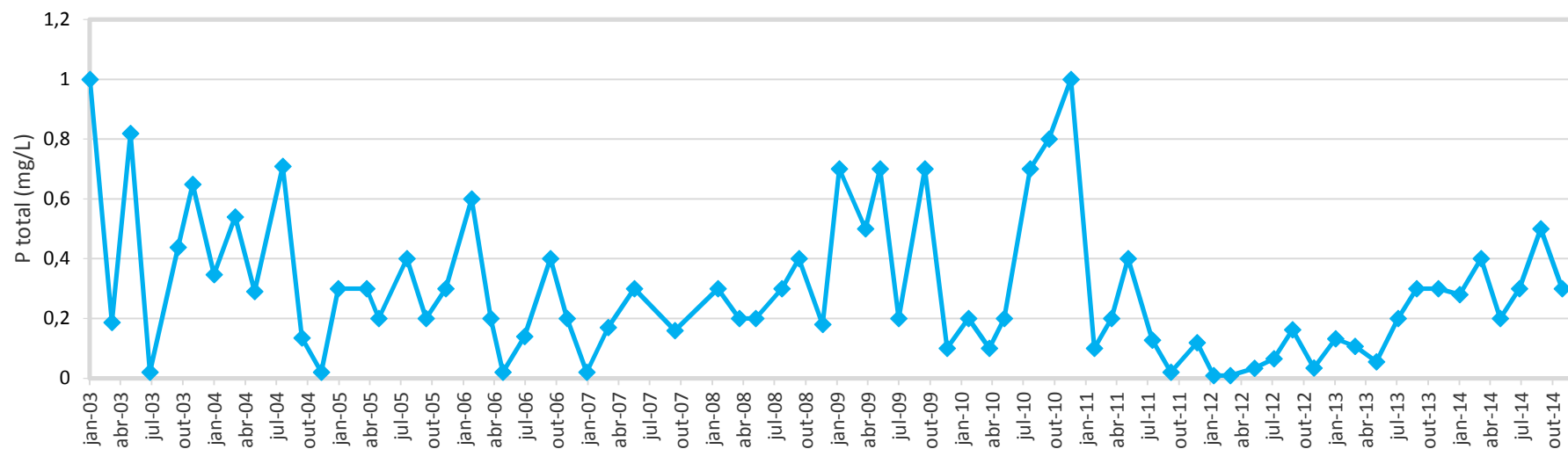
Evolução Temporal



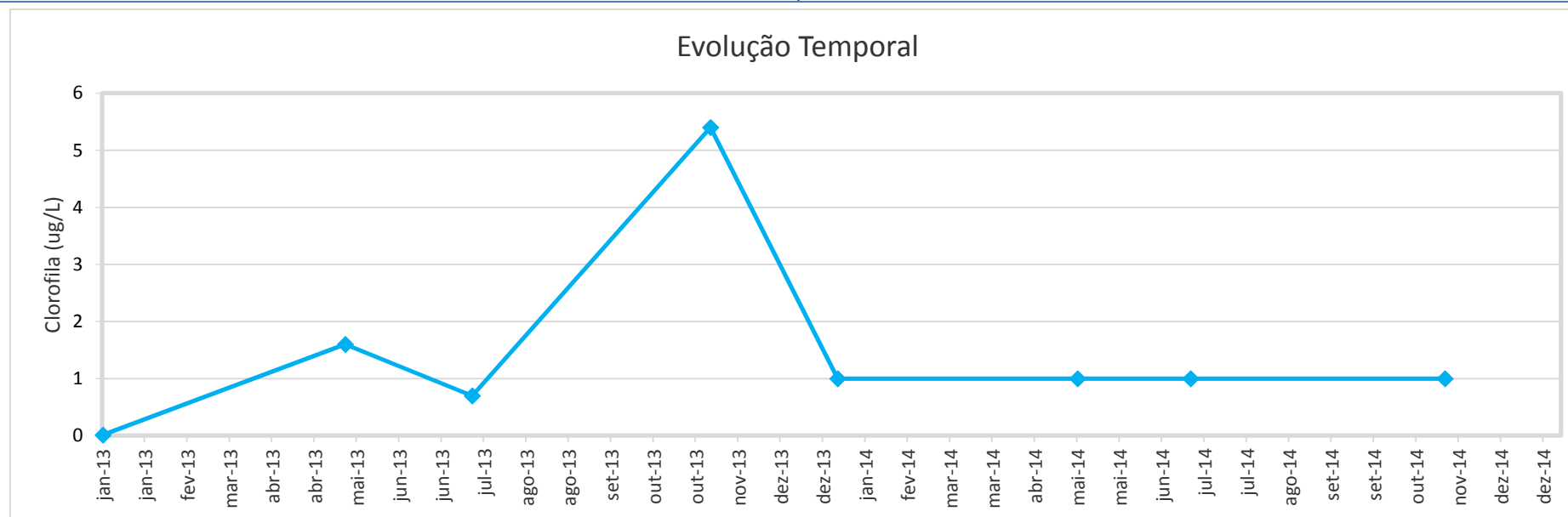
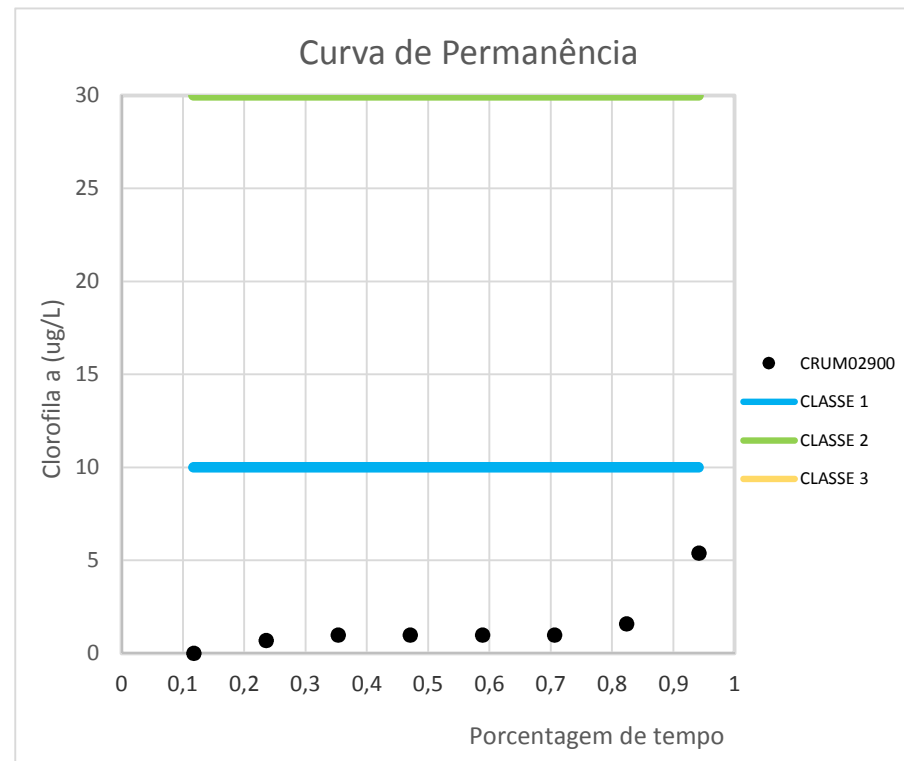
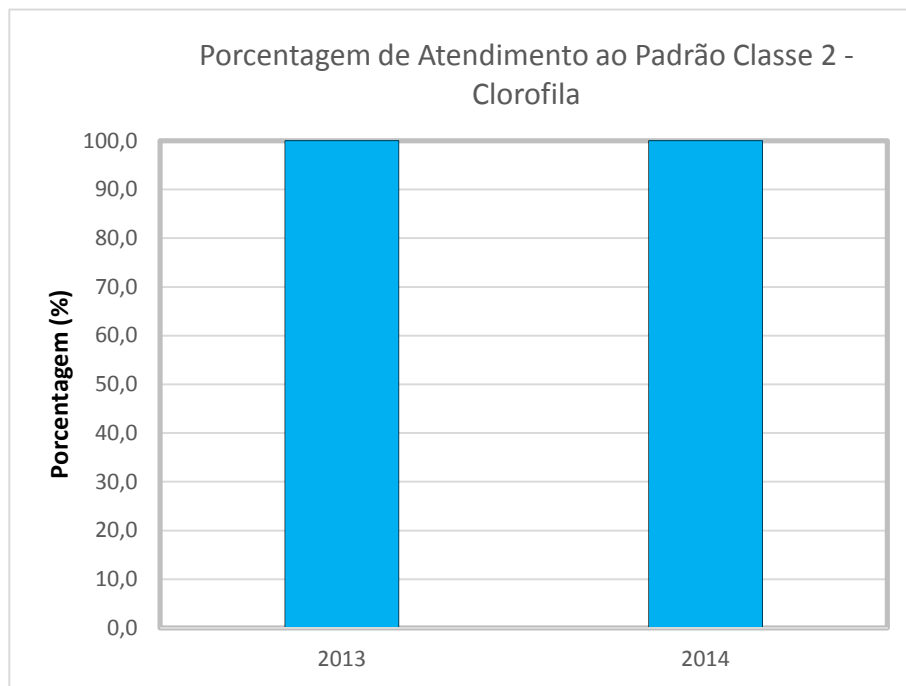
CRUM 02900 – Fósforo Total (mg/L)



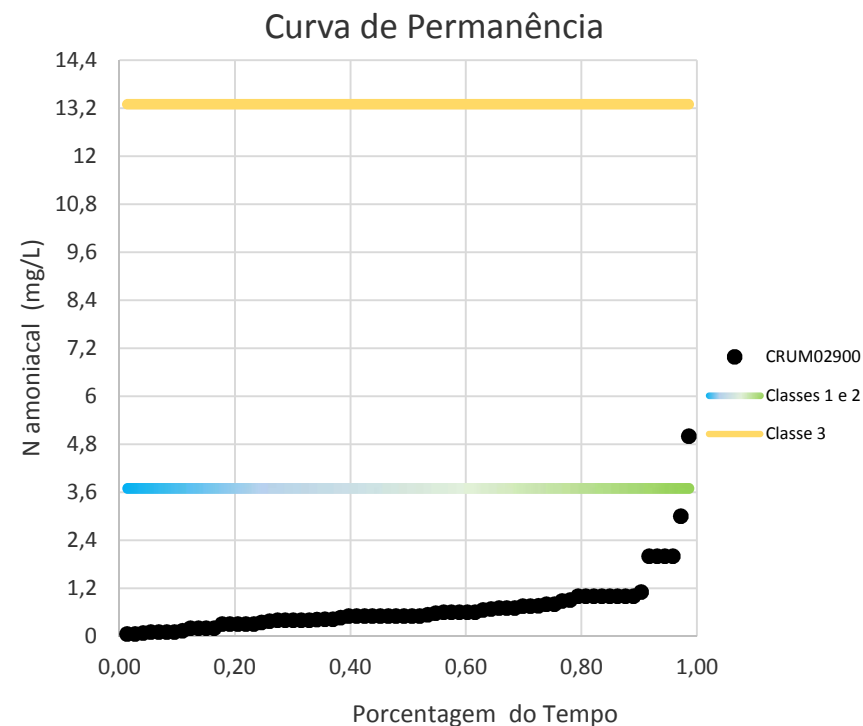
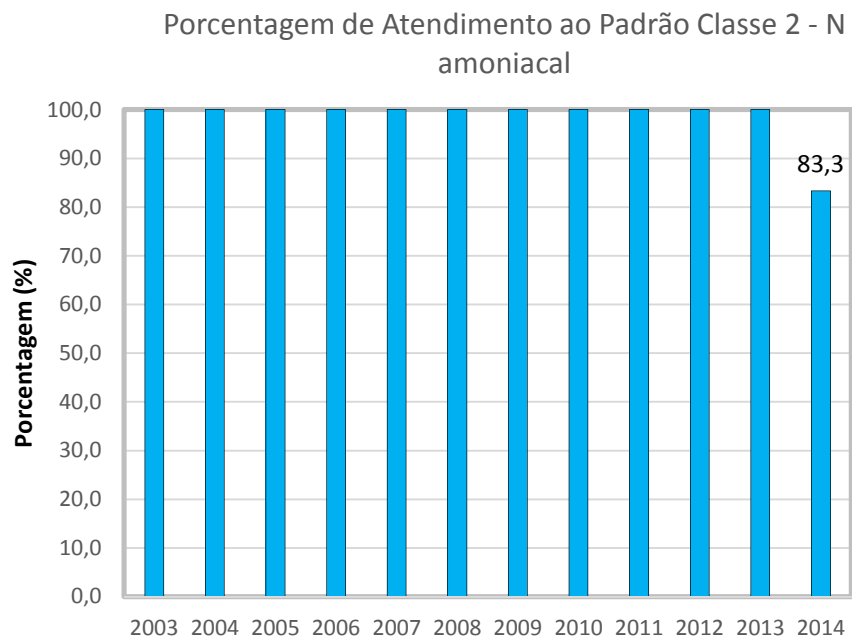
Evolução Temporal



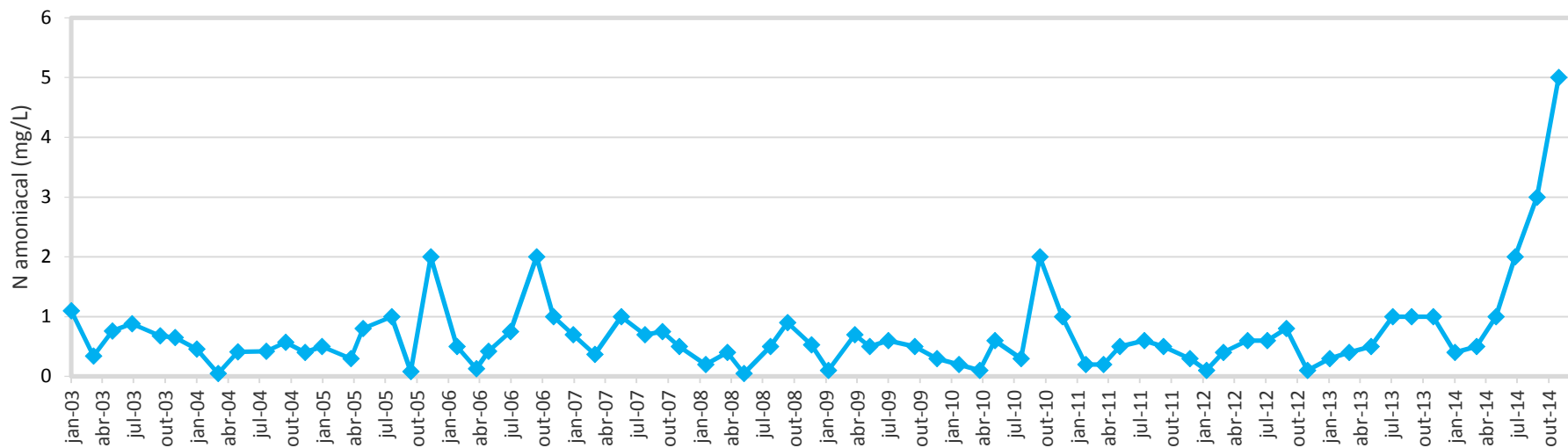
CRUM 02900 – Clorofila a ($\mu\text{g/L}$)



CRUM 02900 – Nitrogênio Amoniacal (mg/L)

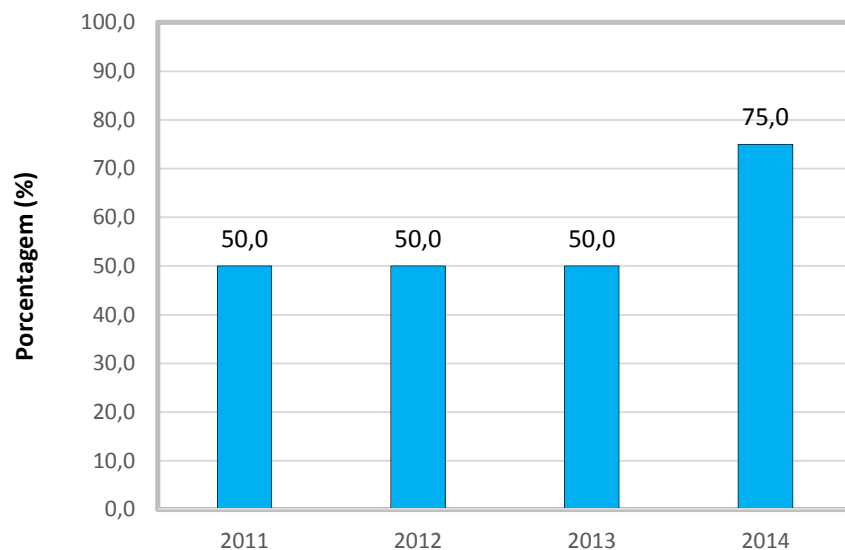


Evolução Temporal

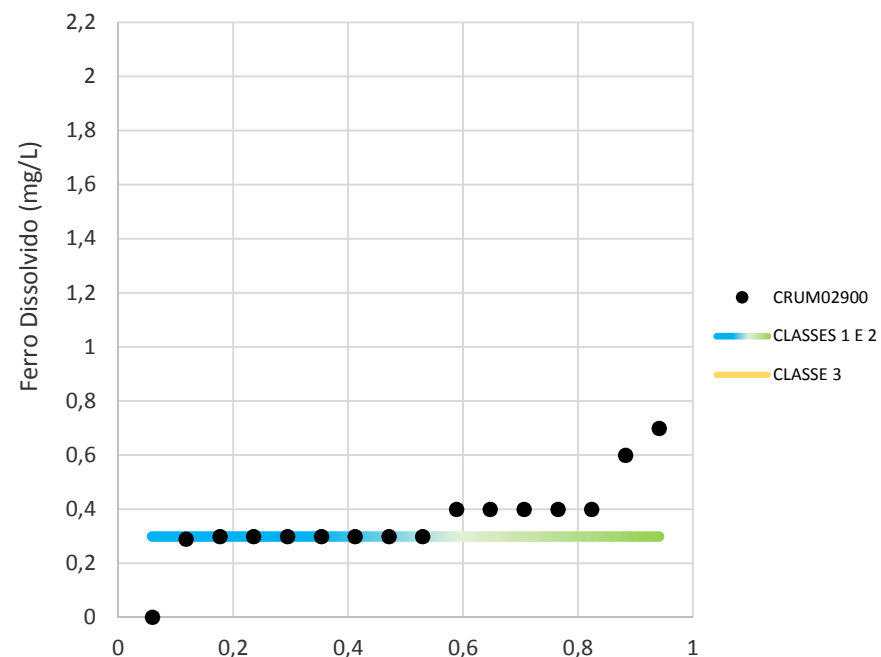


CRUM 02900 – Ferro Dissolvido (mg/L)

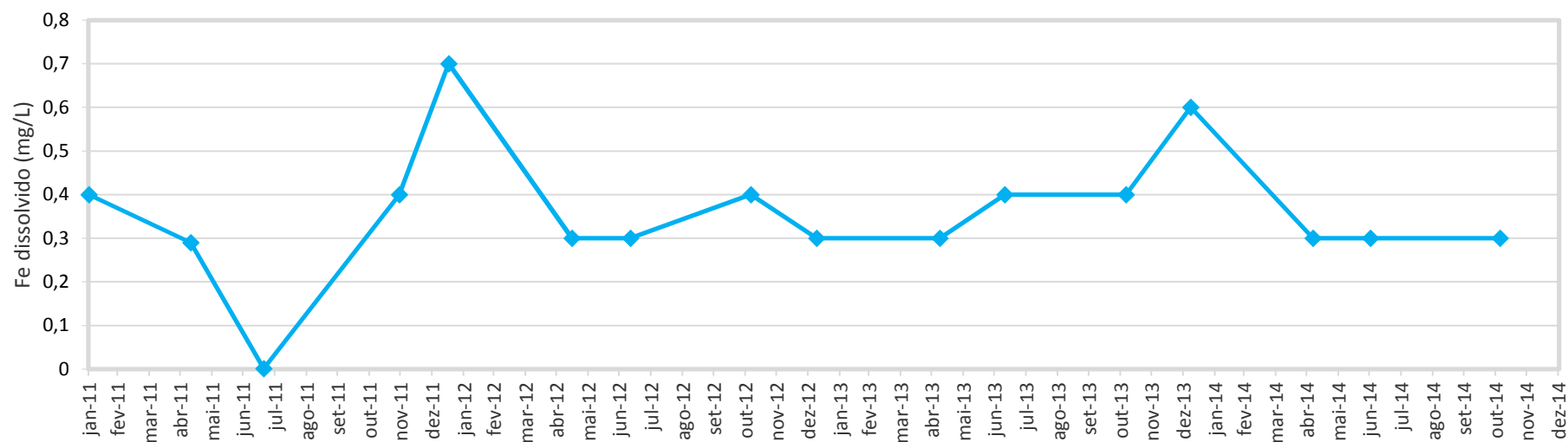
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



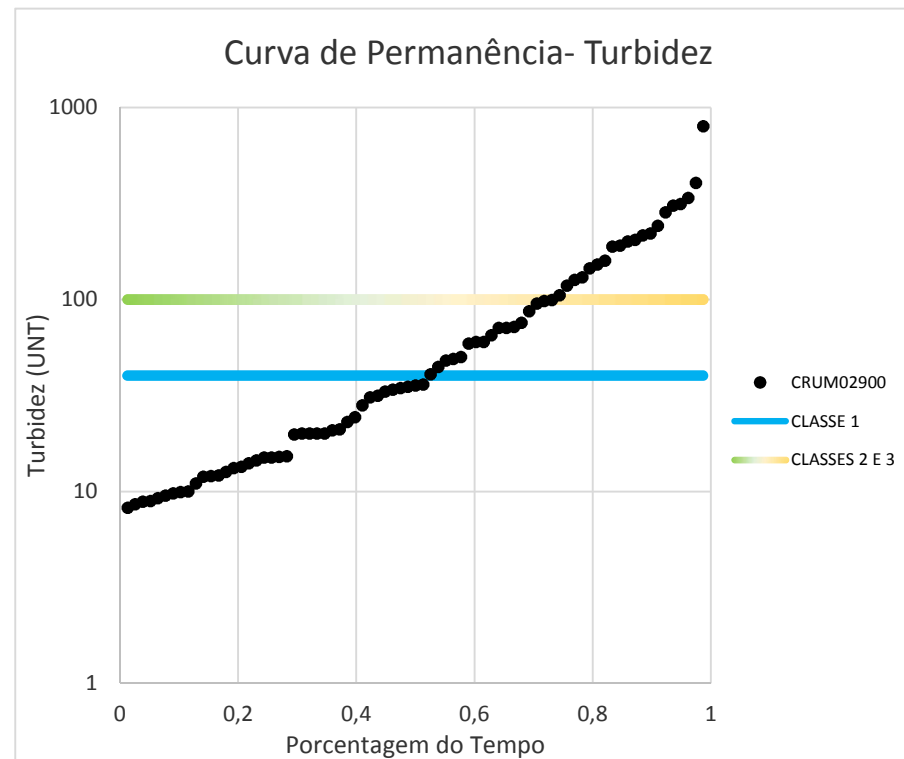
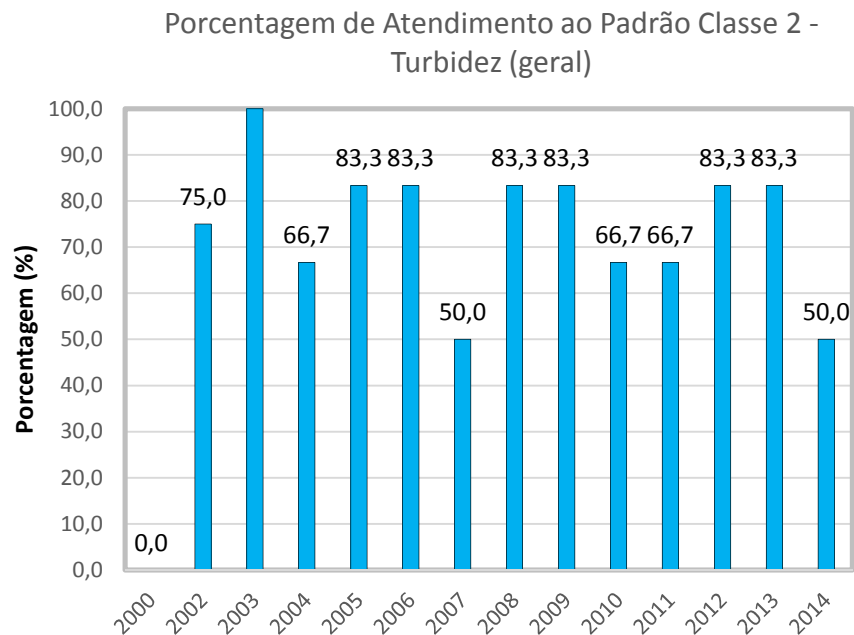
Curva de Permanência



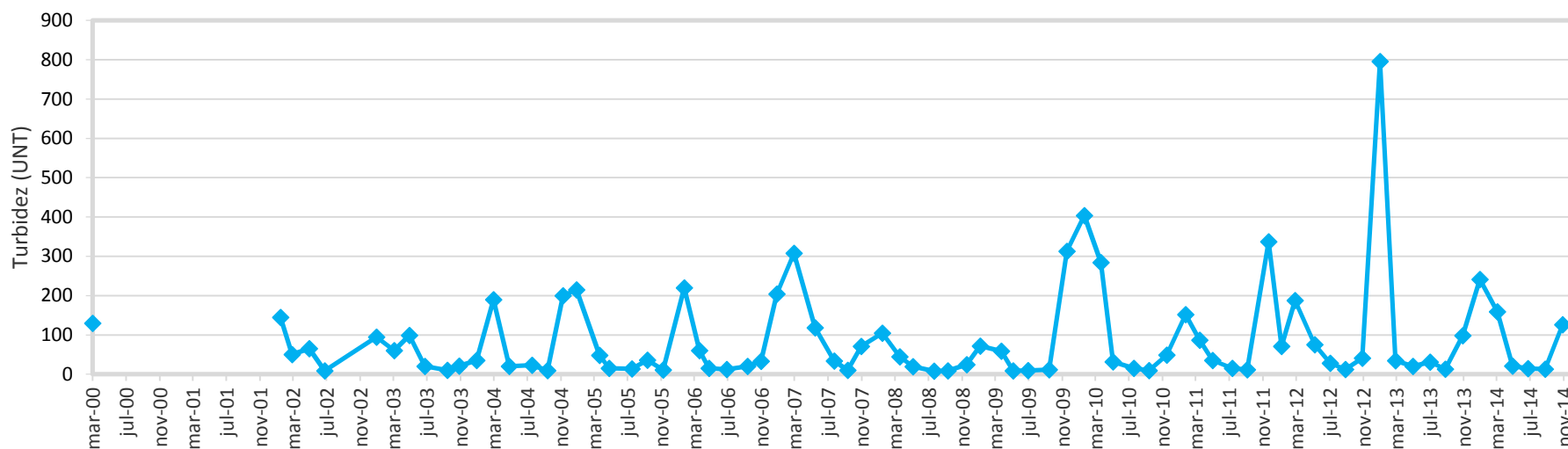
Evolução Temporal



CRUM 02900 – Turbidez (UNT)

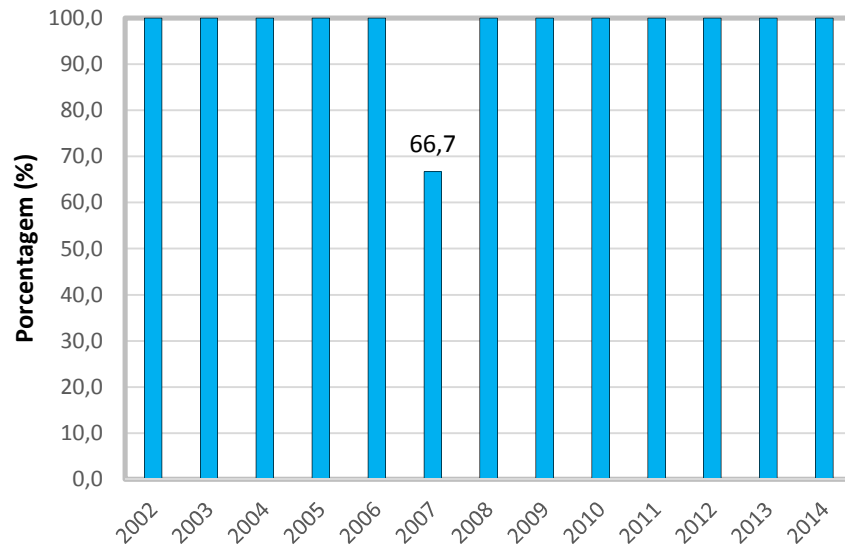


Evolução Temporal

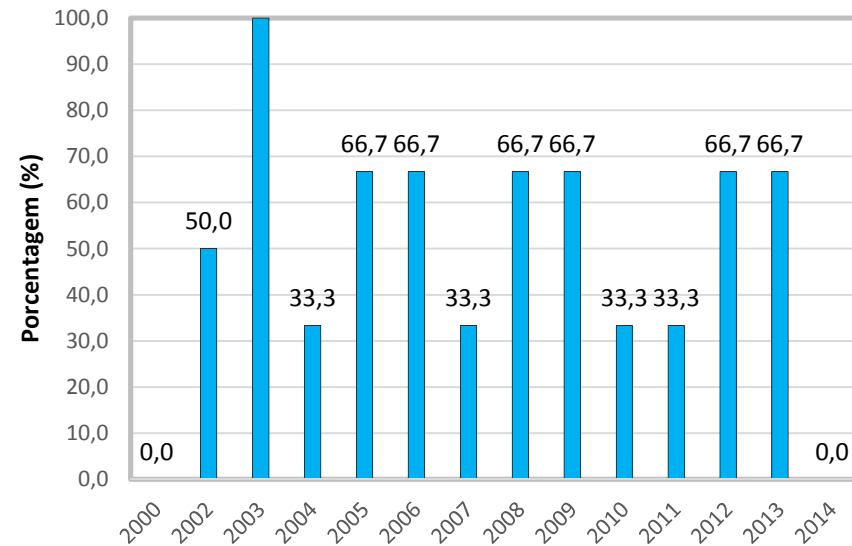


CRUM 02900 – Turbidez (Período Seco x Período Chuvoso)

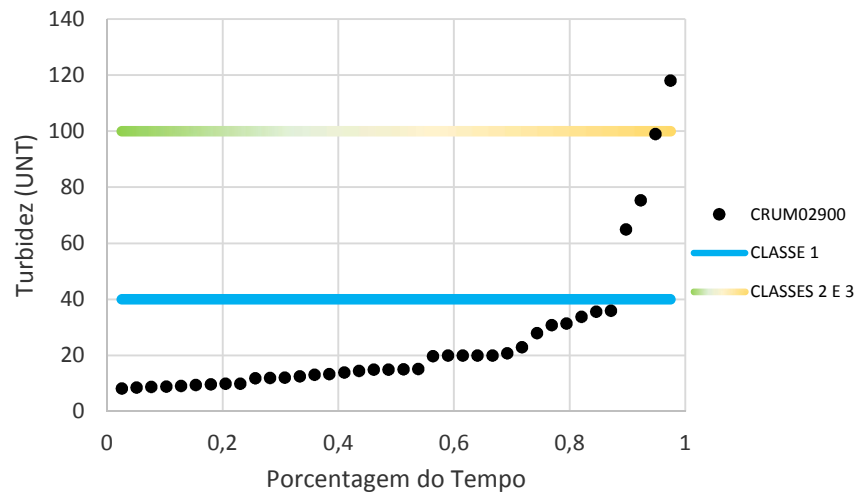
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



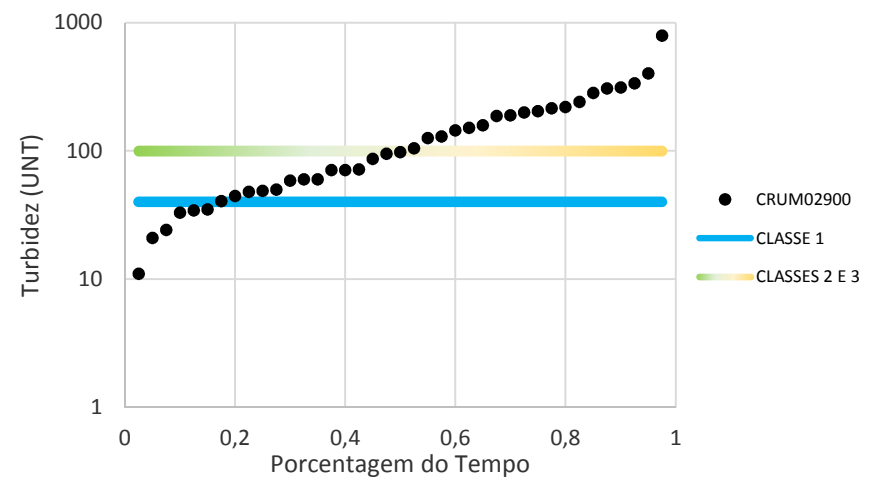
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

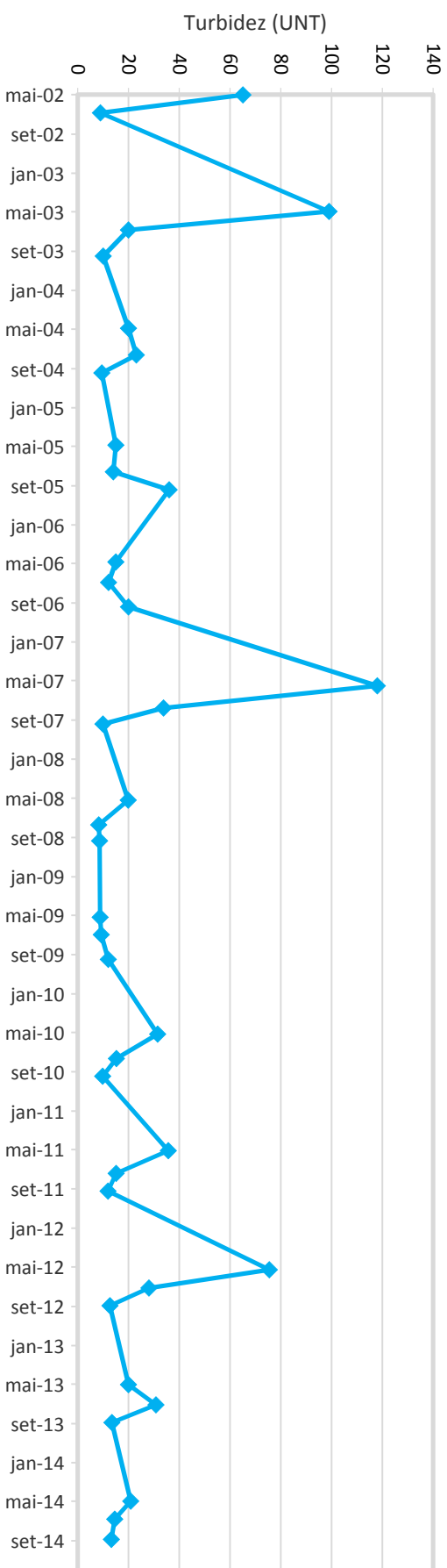


Curva de Permanência- Turbidez
Período Chuvoso

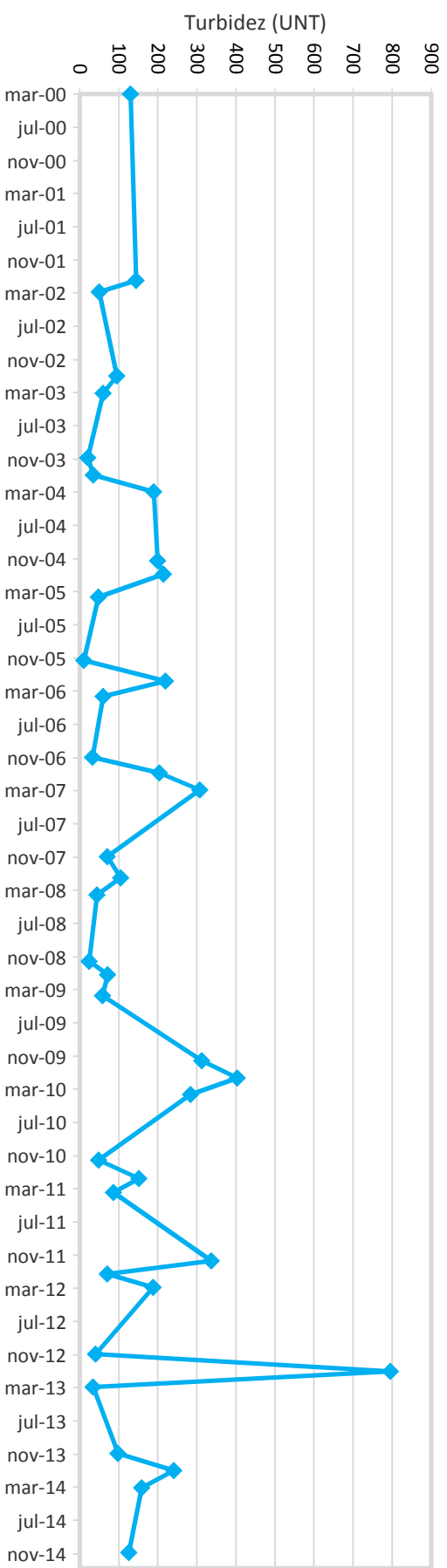


CRUM 02900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

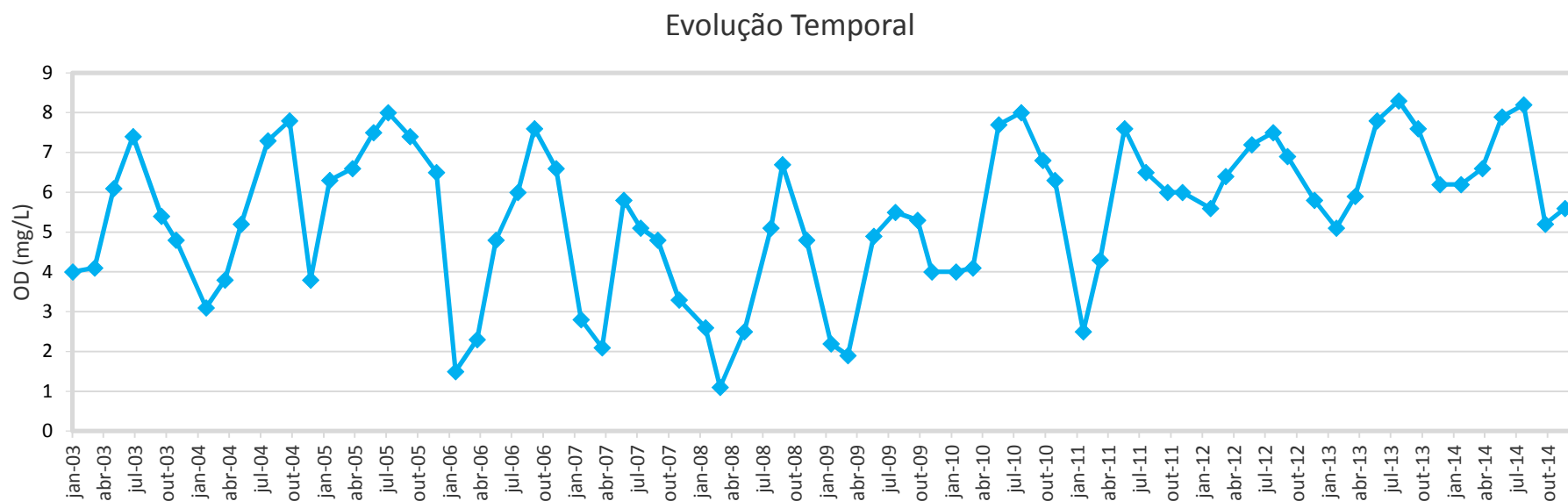
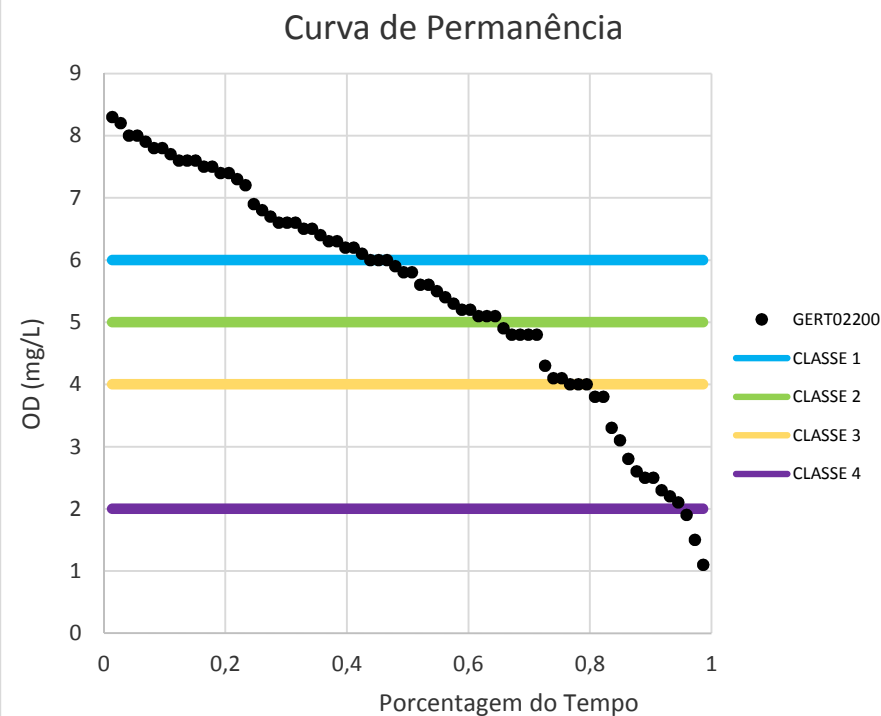
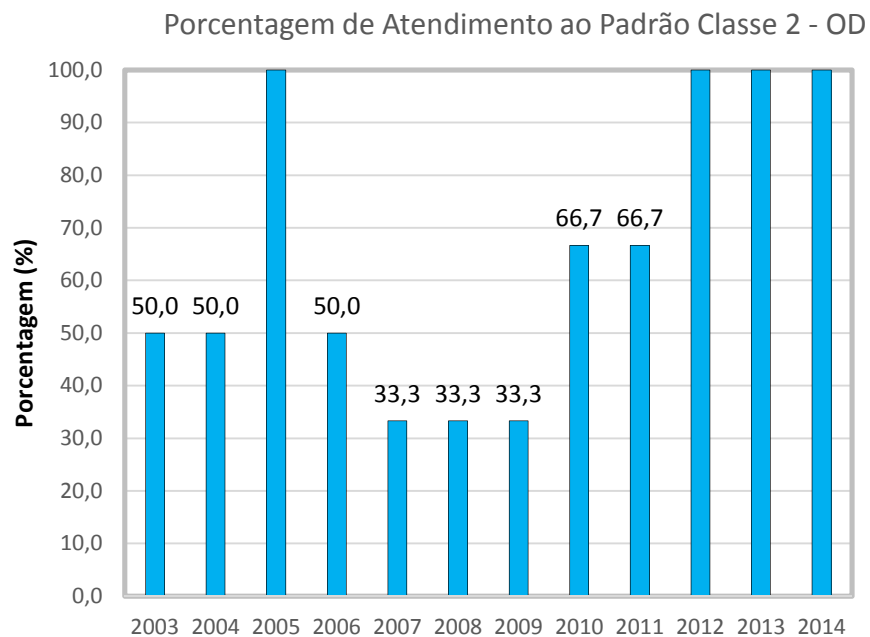


Evolução Temporal - Período Chuvoso

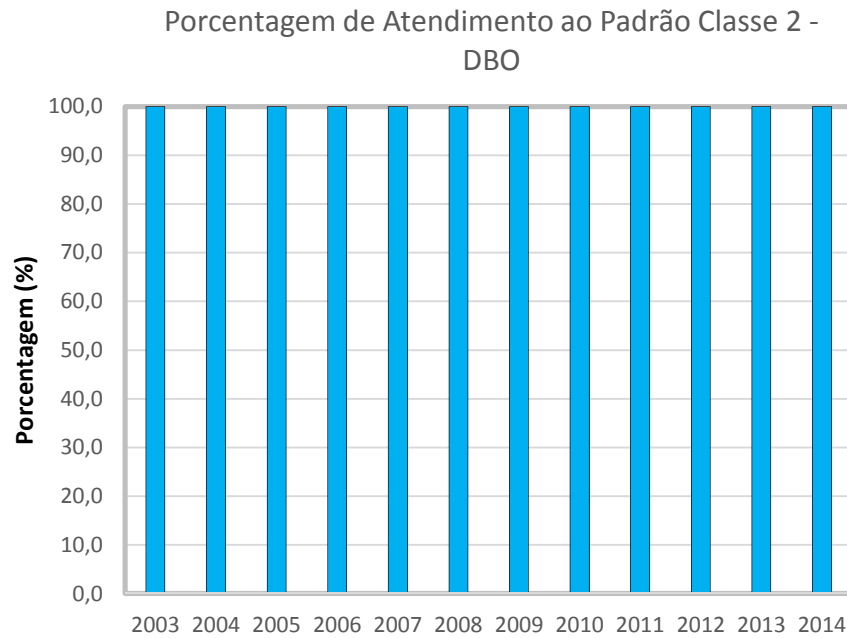


Córrego Santa Gertrudes
GERT 02200

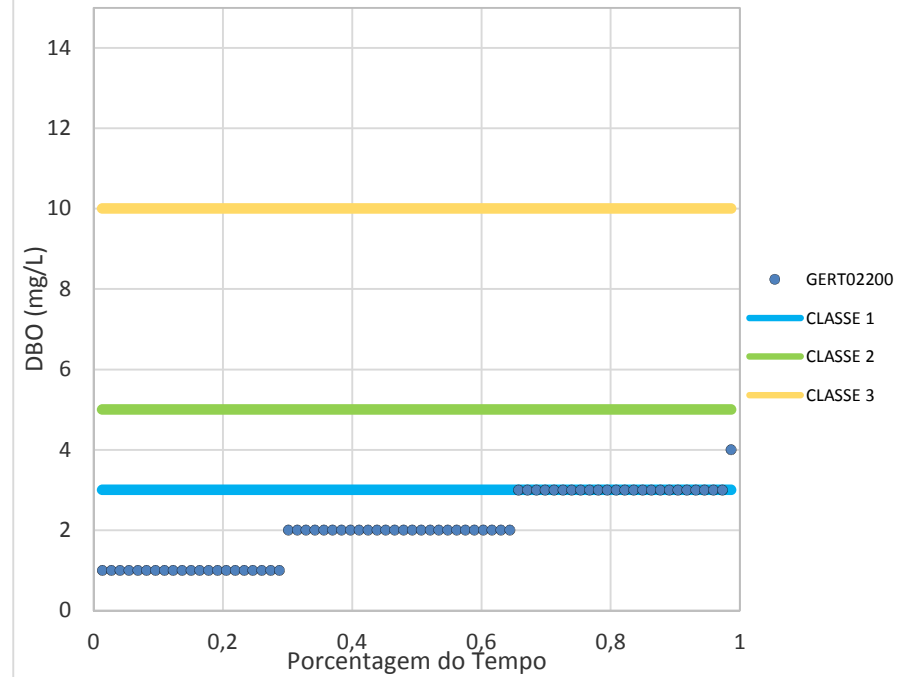
GERT 02200 – Oxigênio Dissolvido (mg/L)



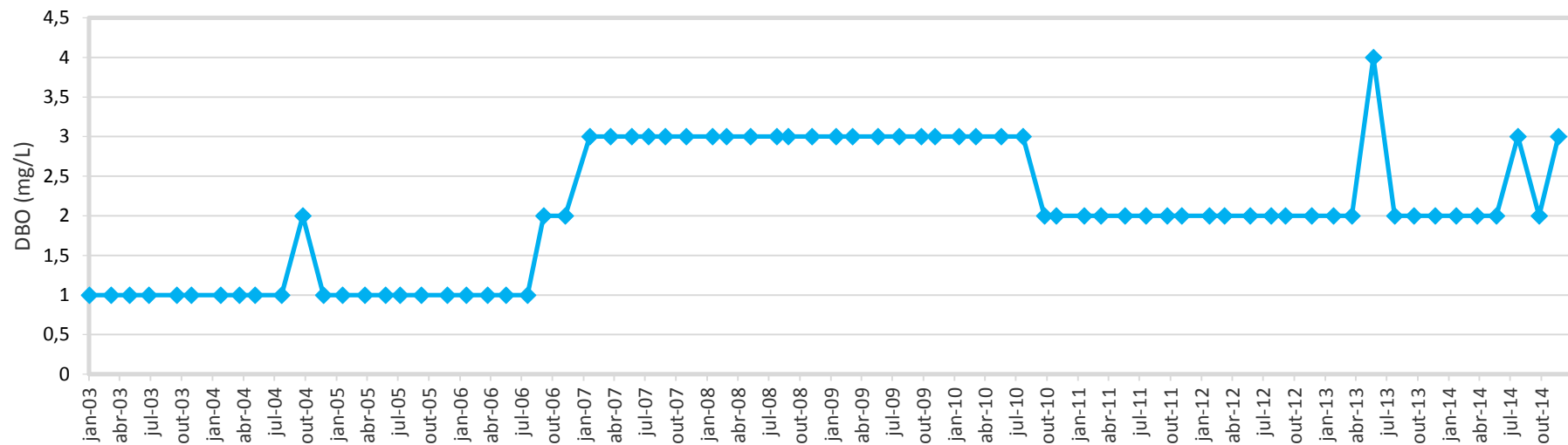
GERT 02200 – DBO (mg/L)



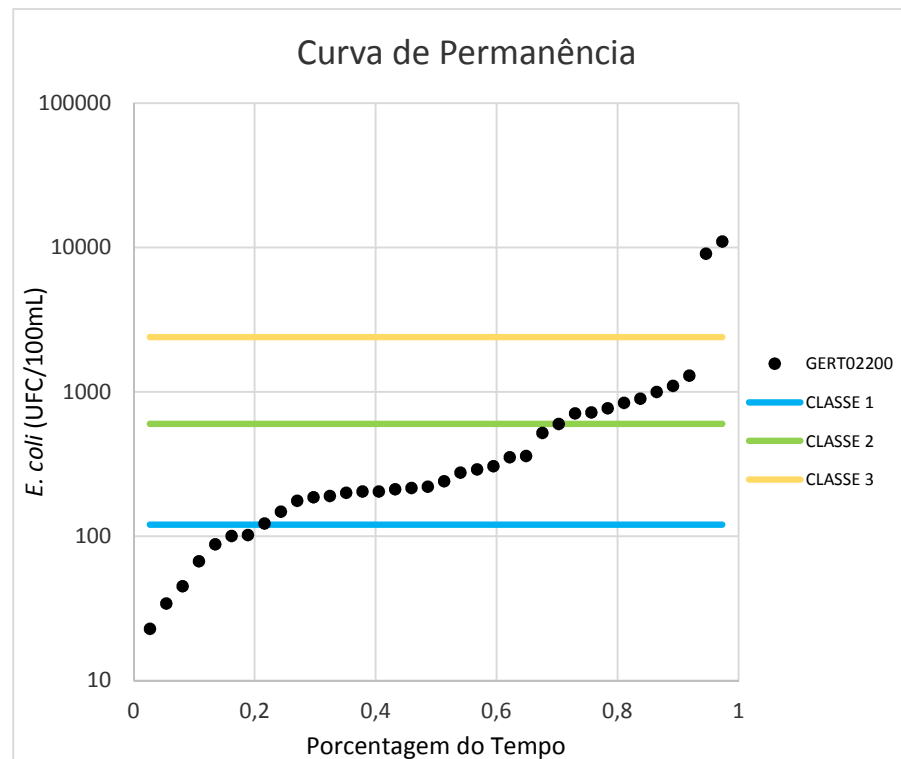
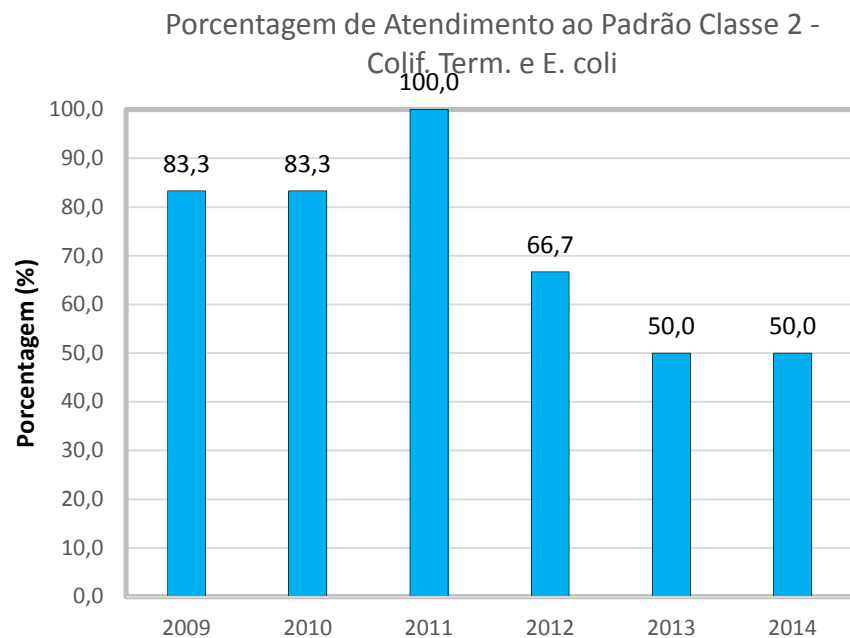
Curva de Permanência



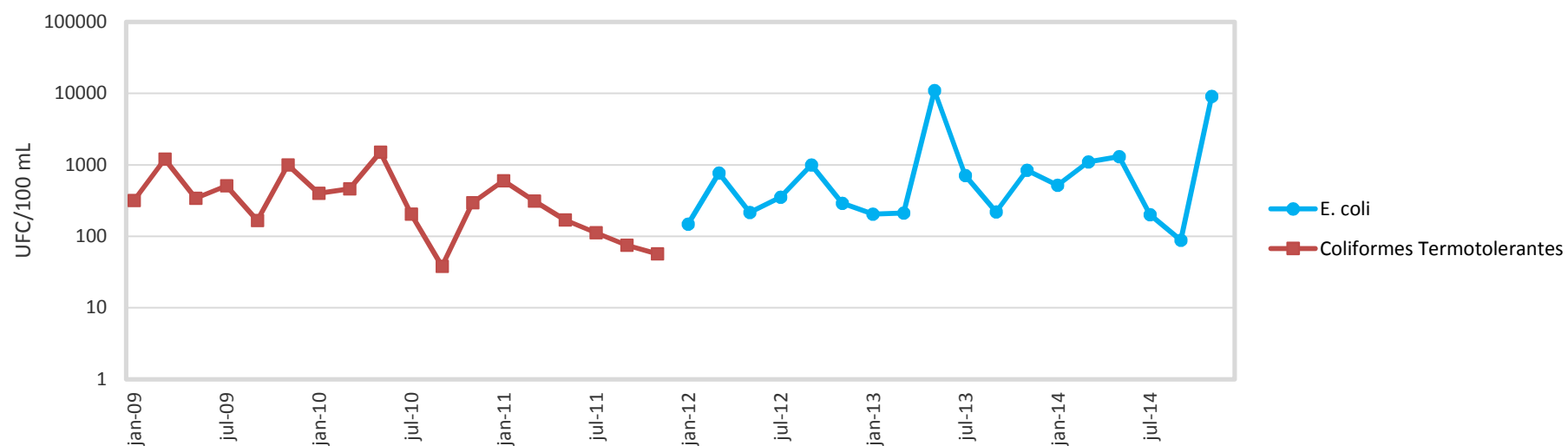
Evolução Temporal



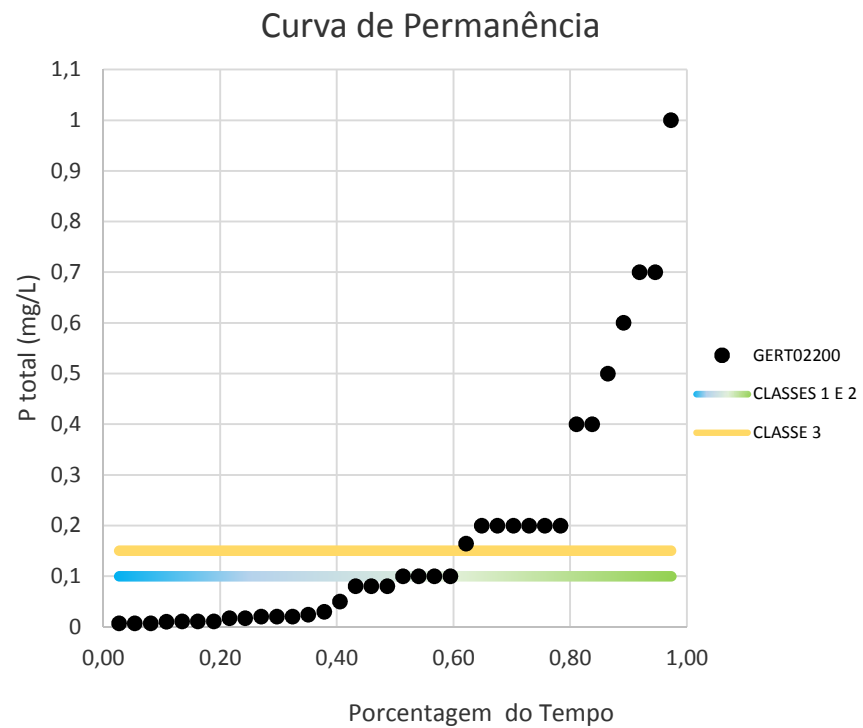
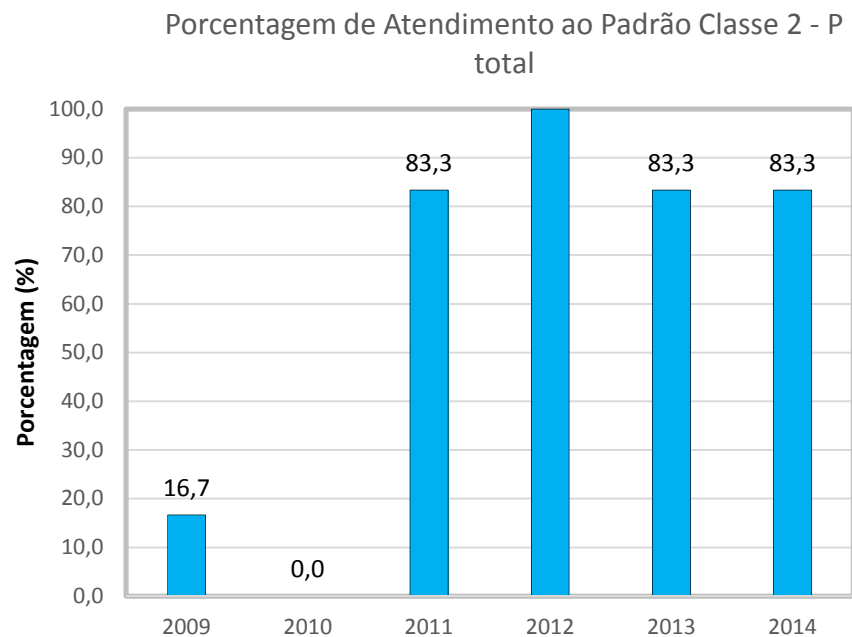
GERT 02200 – *Escherichia coli* (UFC/100mL)



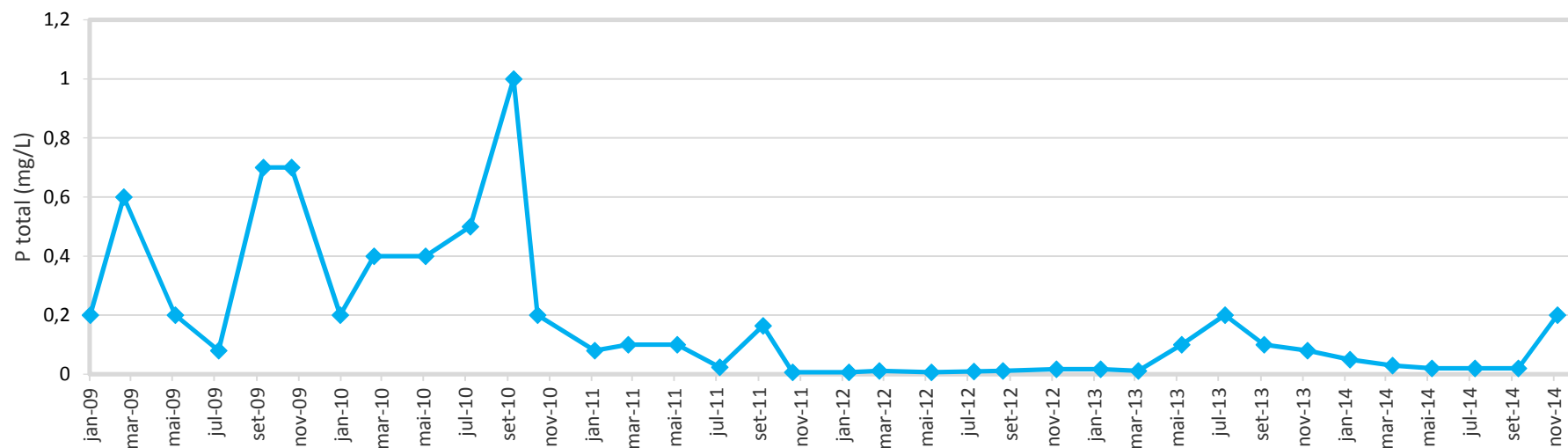
Evolução Temporal



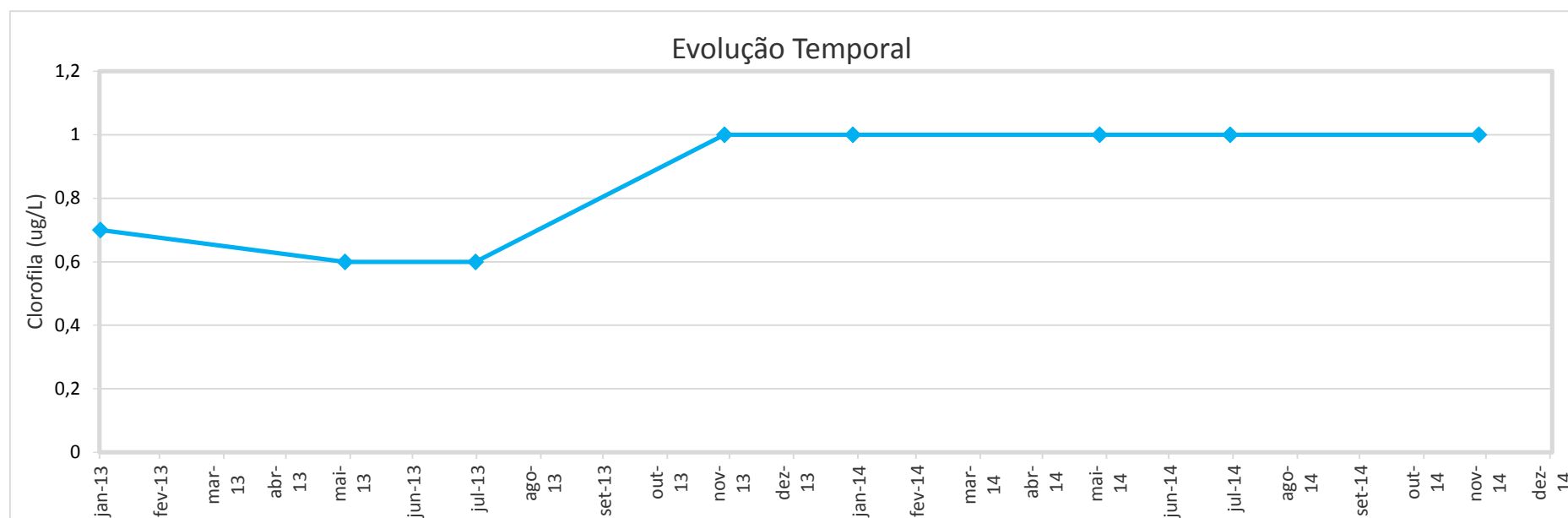
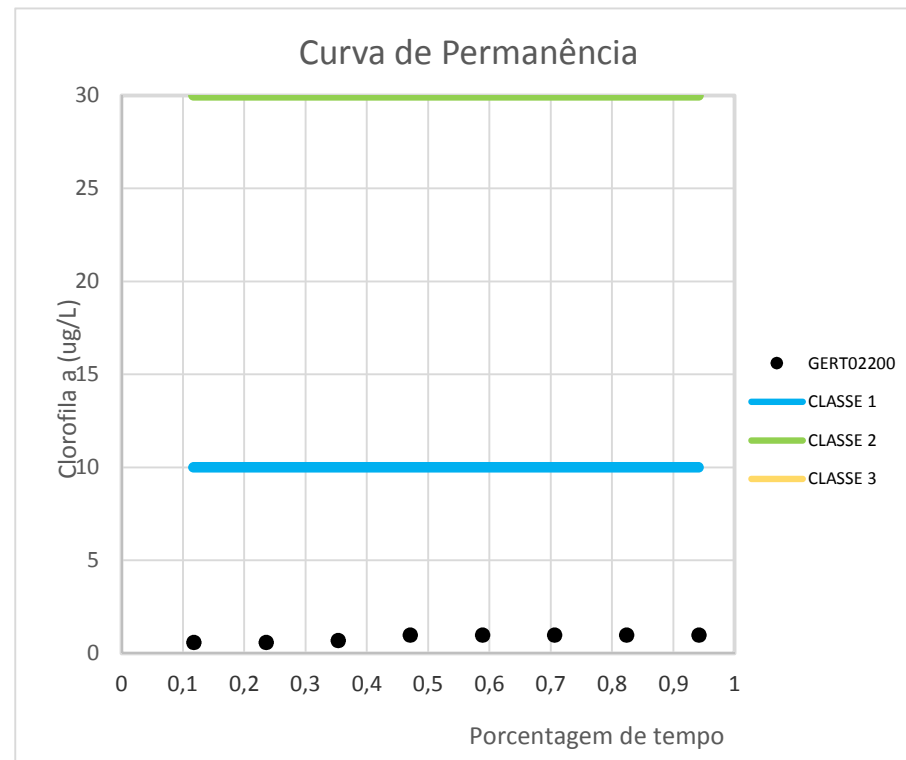
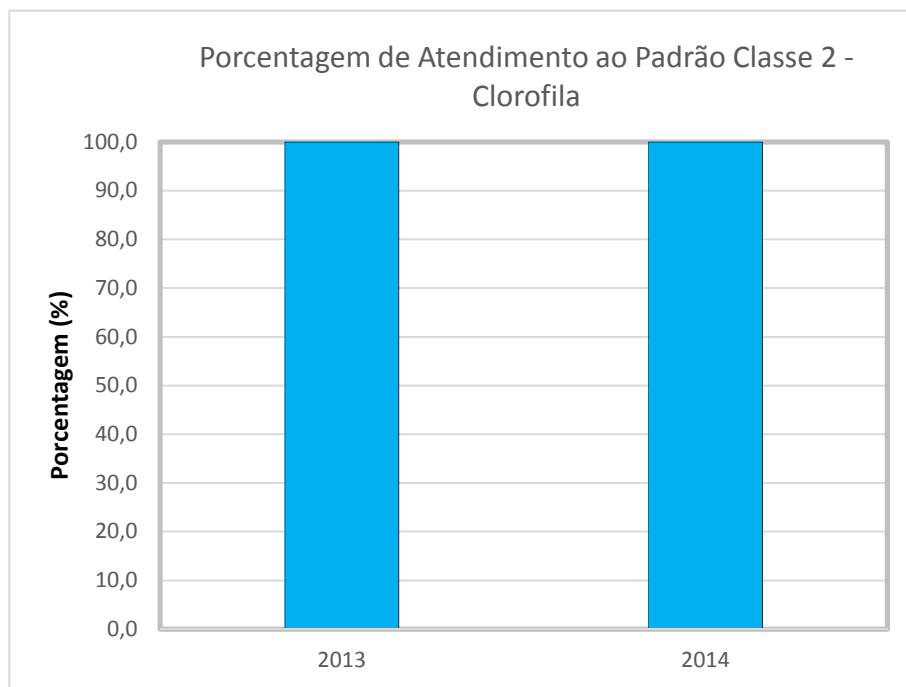
GERT 02200 – Fósforo Total (mg/L)



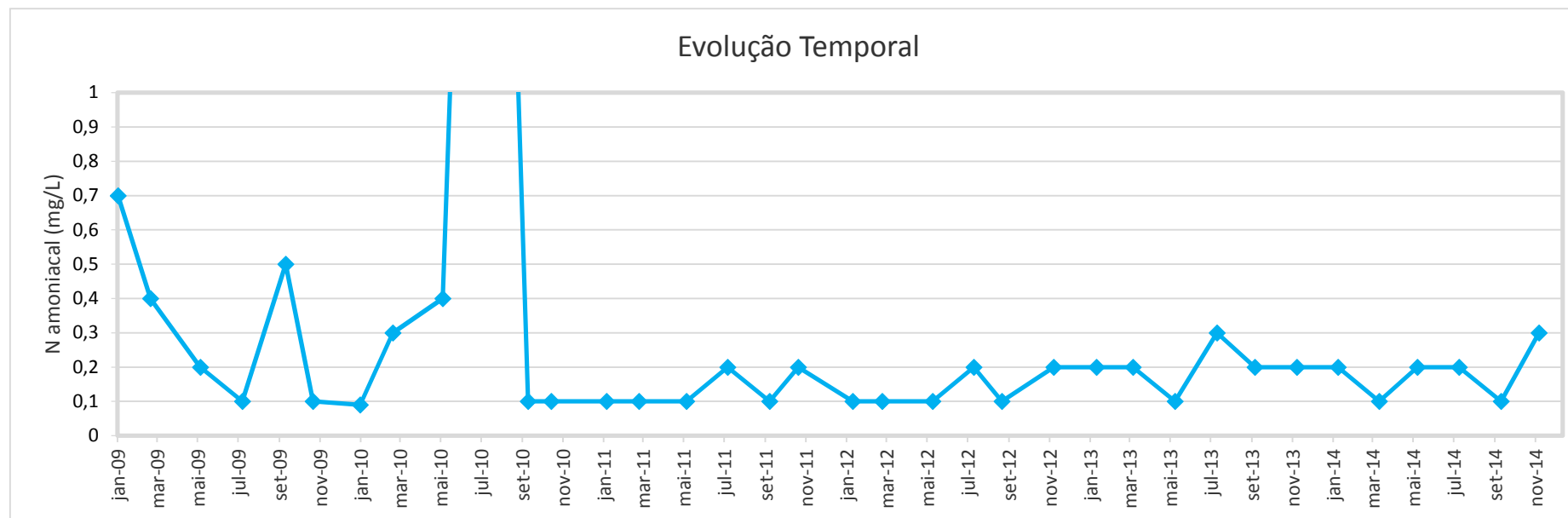
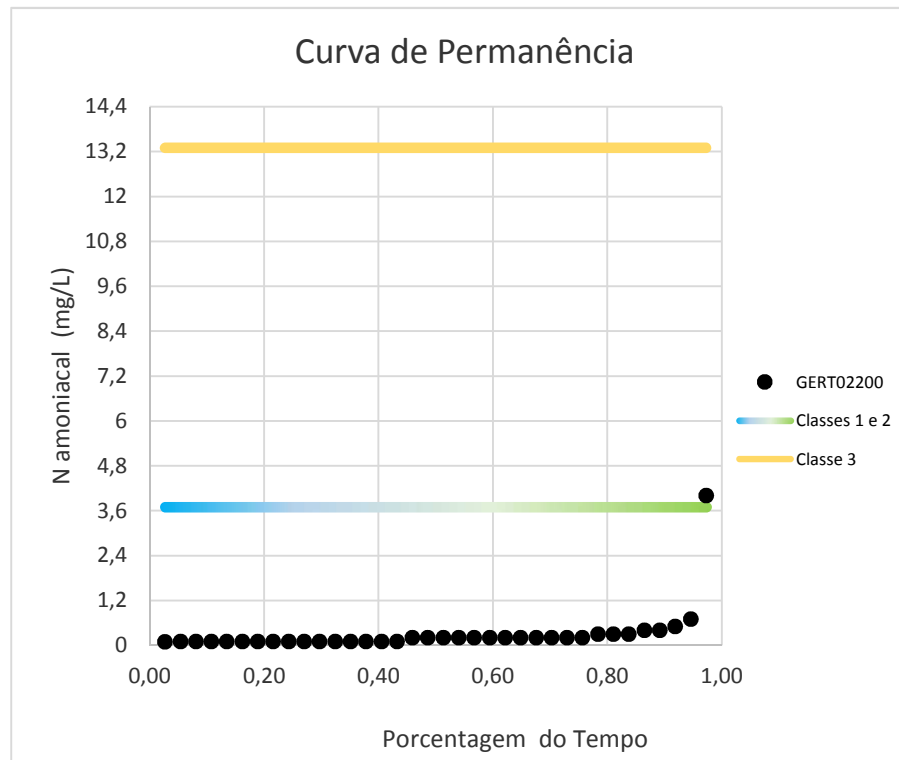
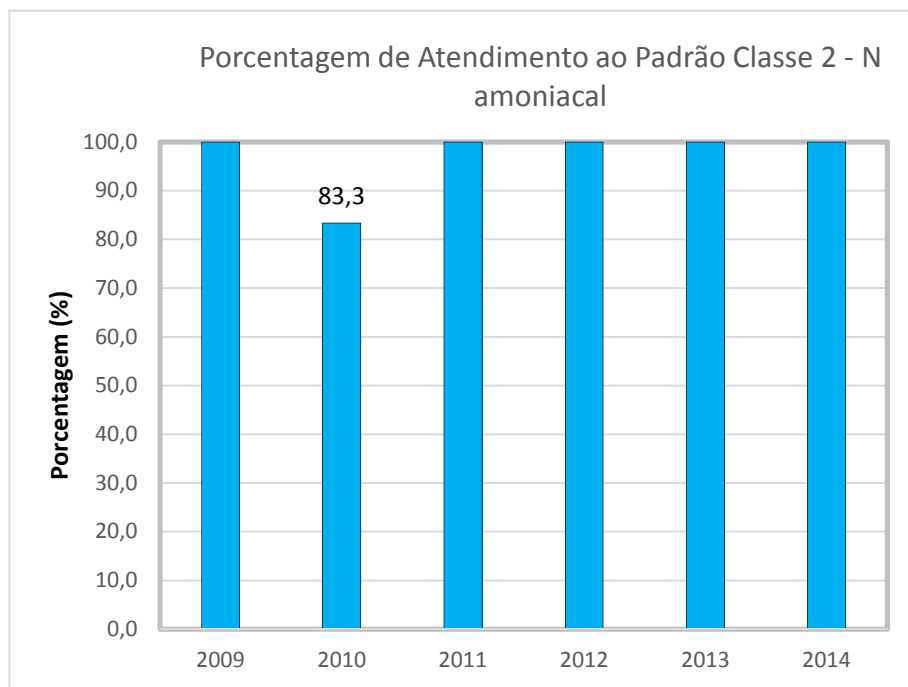
Evolução Temporal



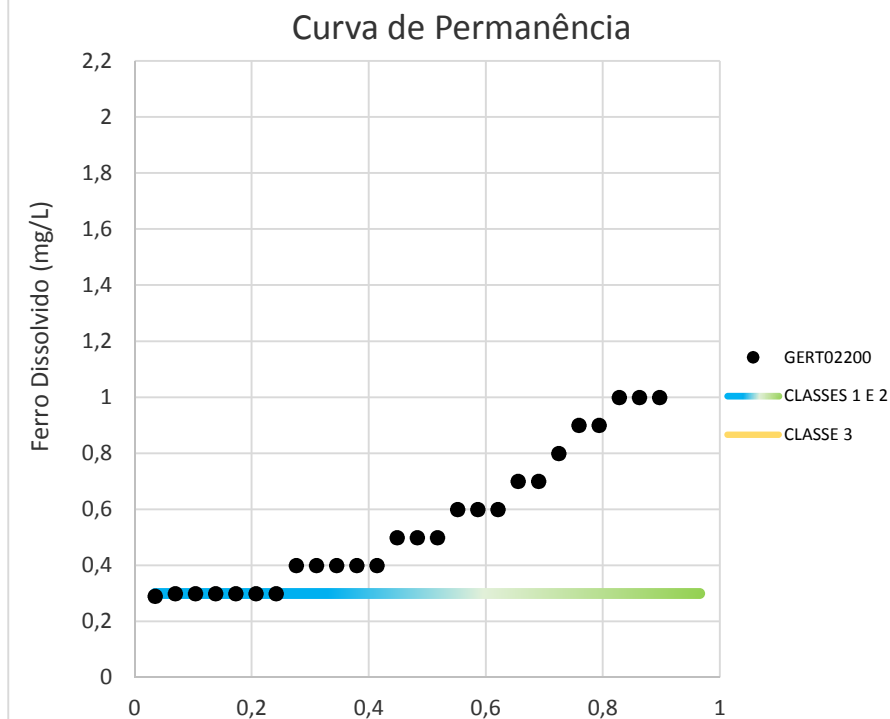
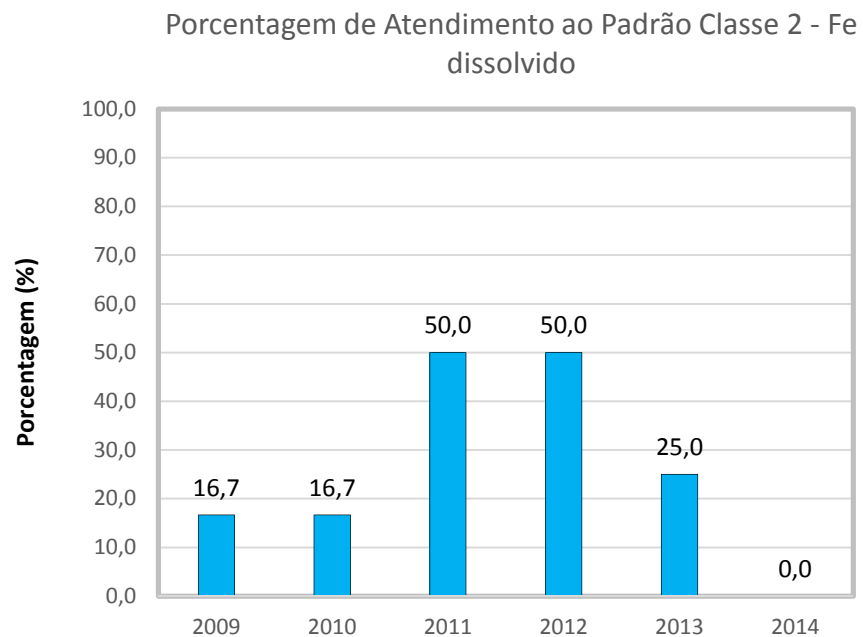
GERT 02200 – Clorofila a (µg/L)



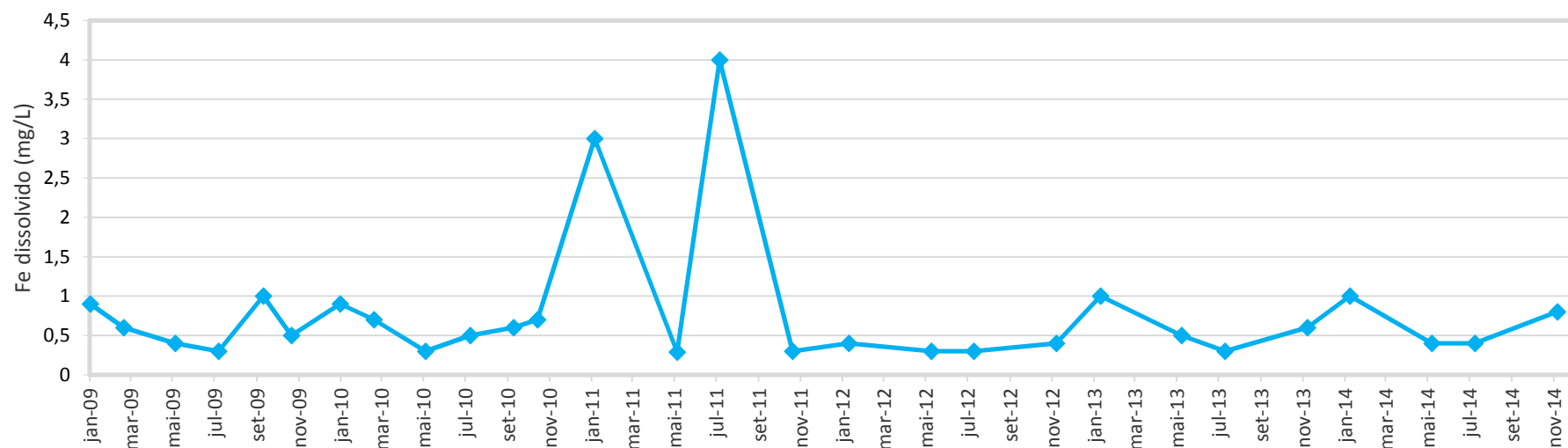
GERT 02200 – Nitrogênio Amoniacal (mg/L)



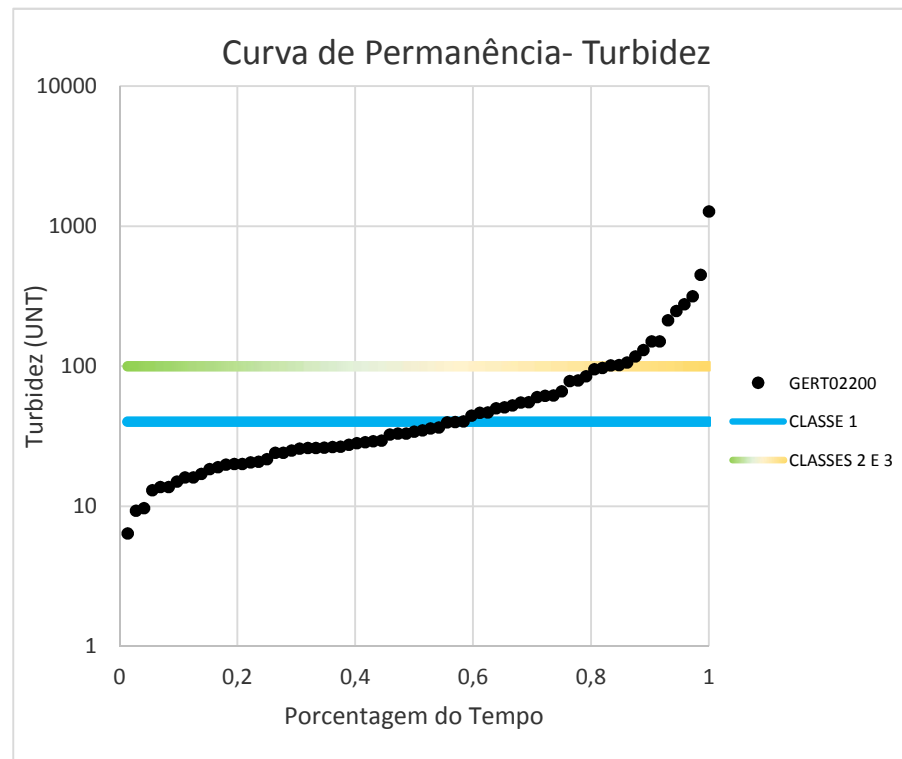
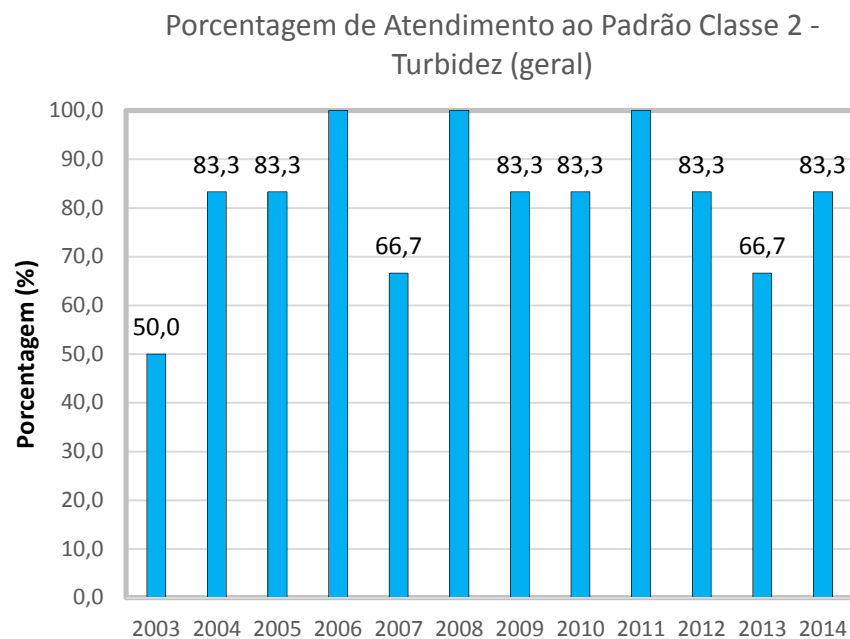
GERT 02200 – Ferro Dissolvido (mg/L)



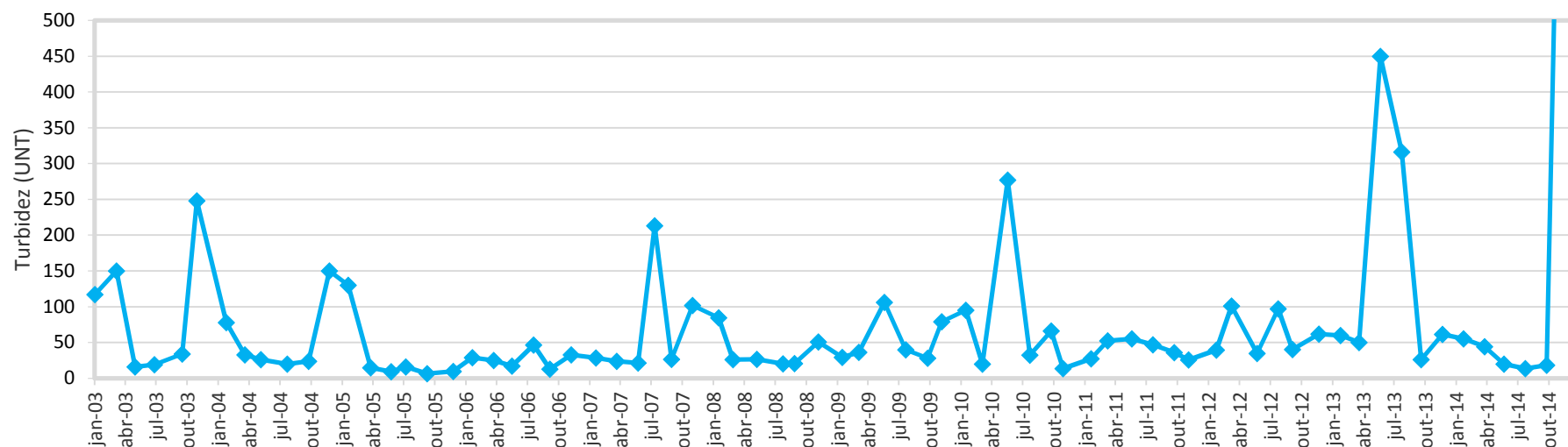
Evolução Temporal



GERT 02200 – Turbidez (UNT)

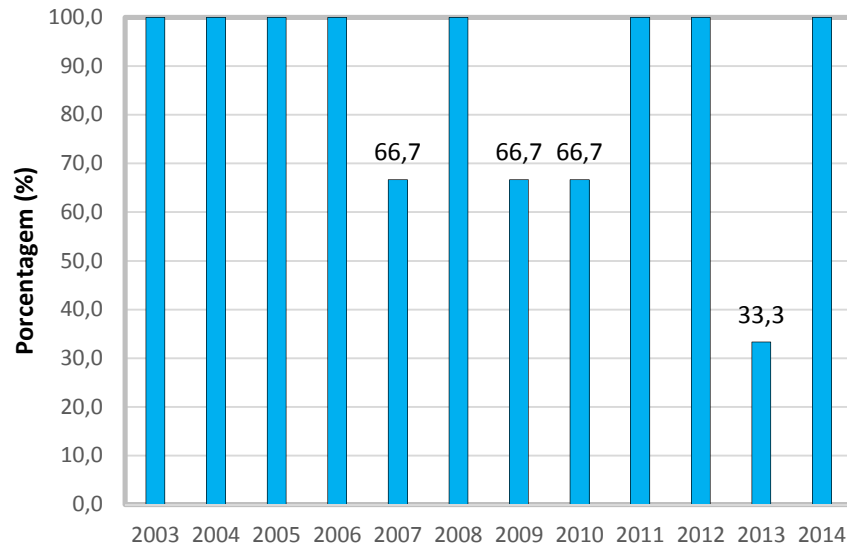


Evolução Temporal

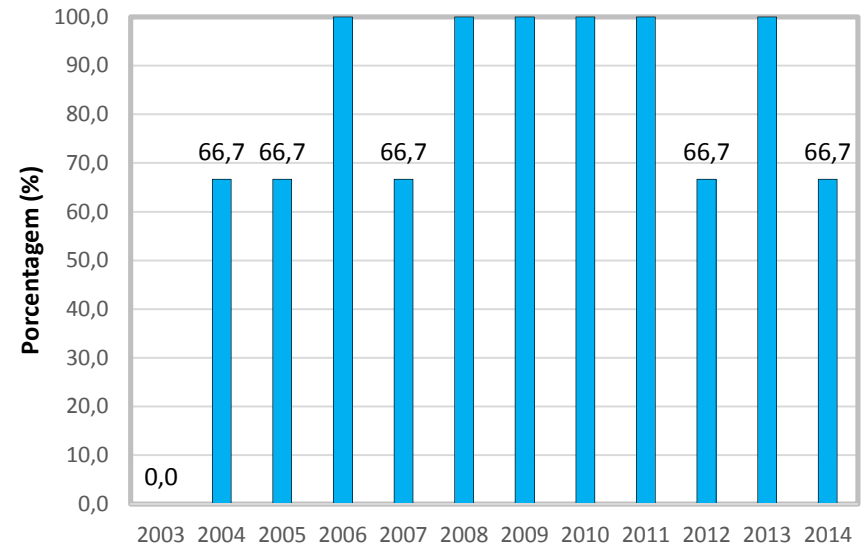


GERT 02200 – Turbidez (Período Seco x Período Chuvoso)

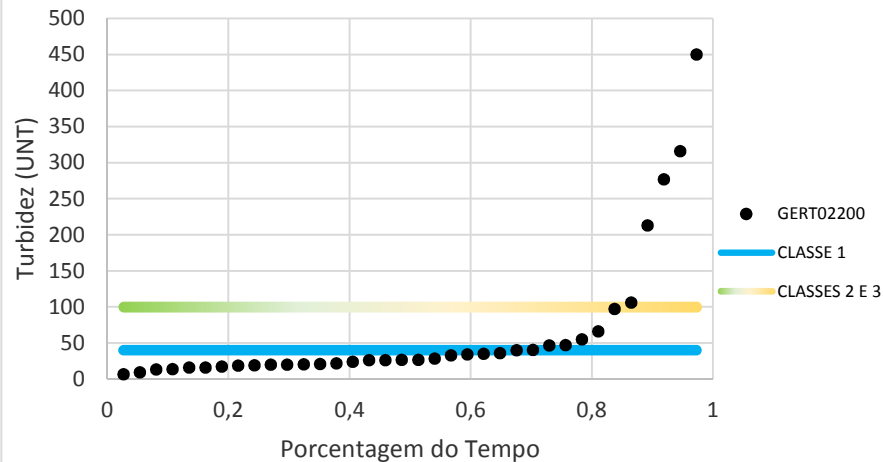
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



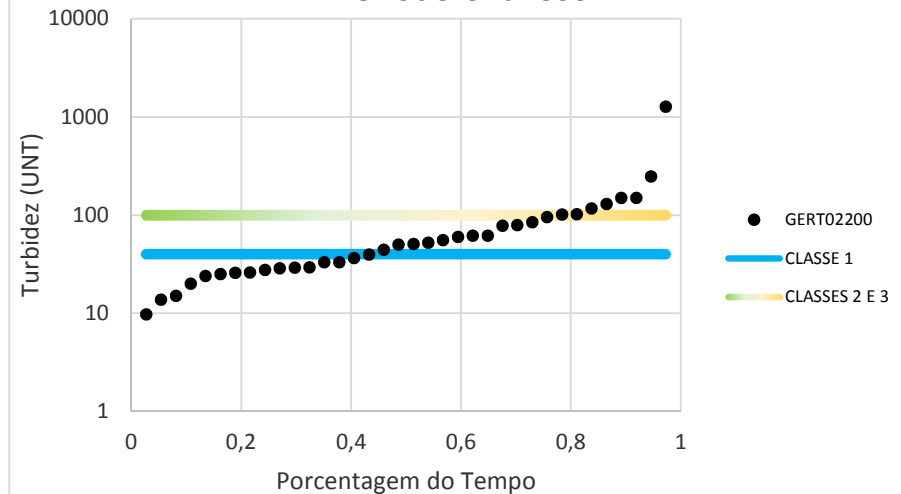
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

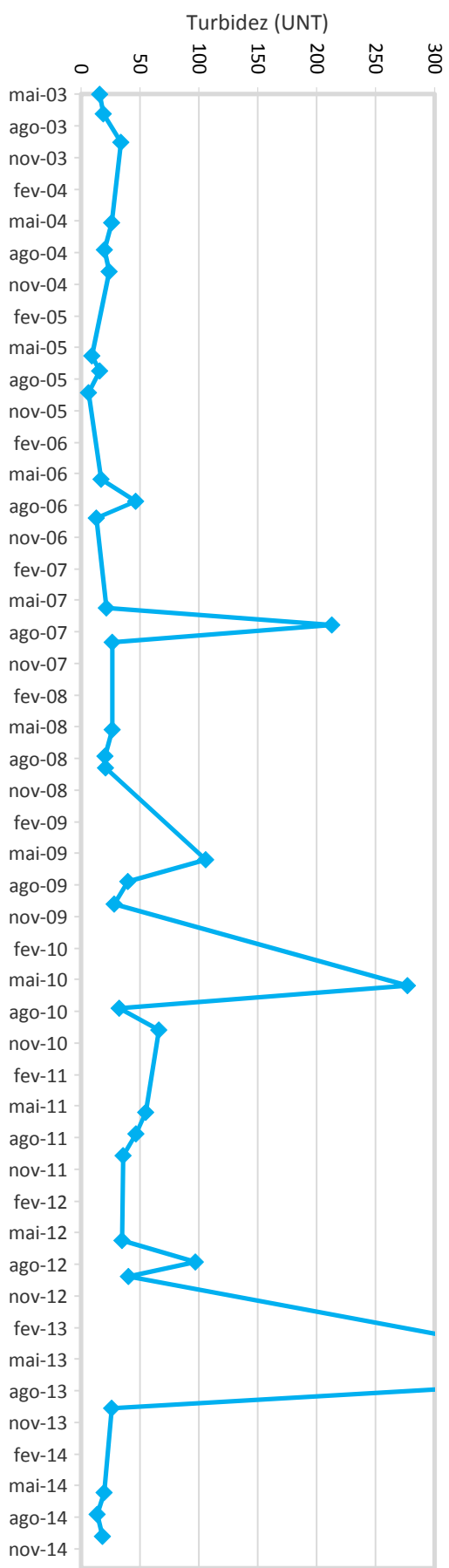


Curva de Permanência- Turbidez
Período Chuvoso

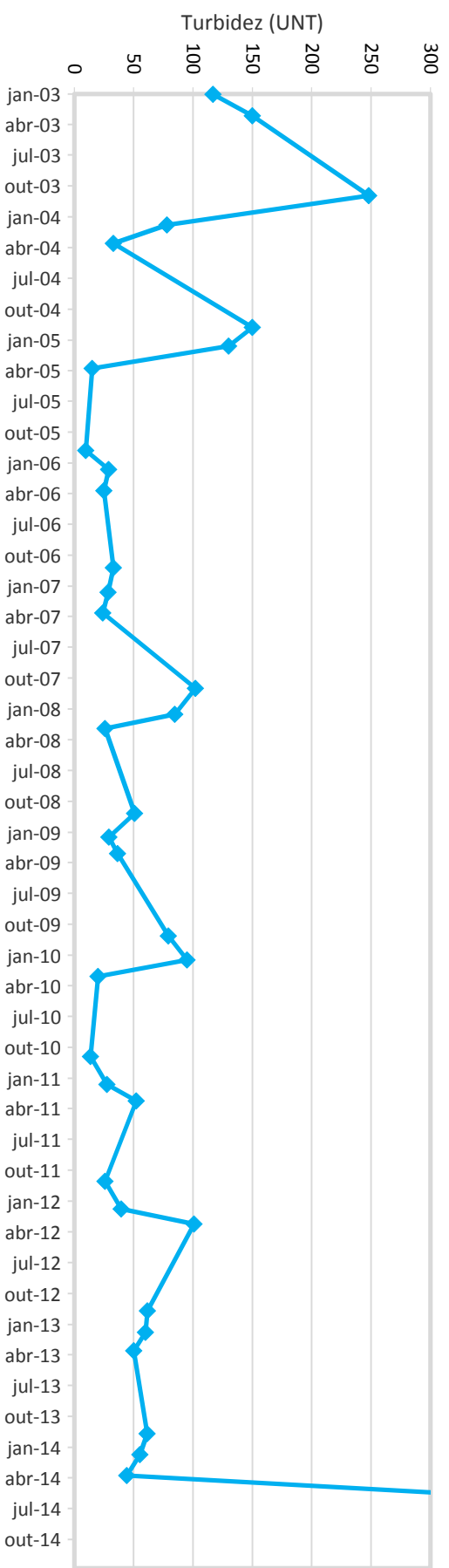


GERT 02200 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

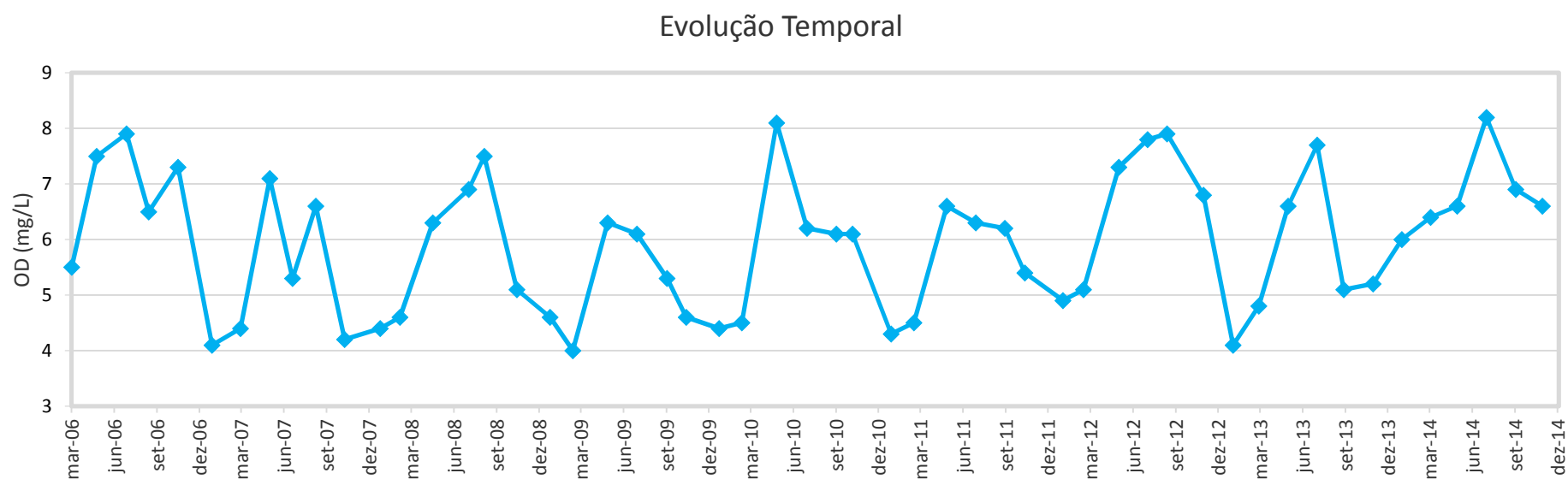
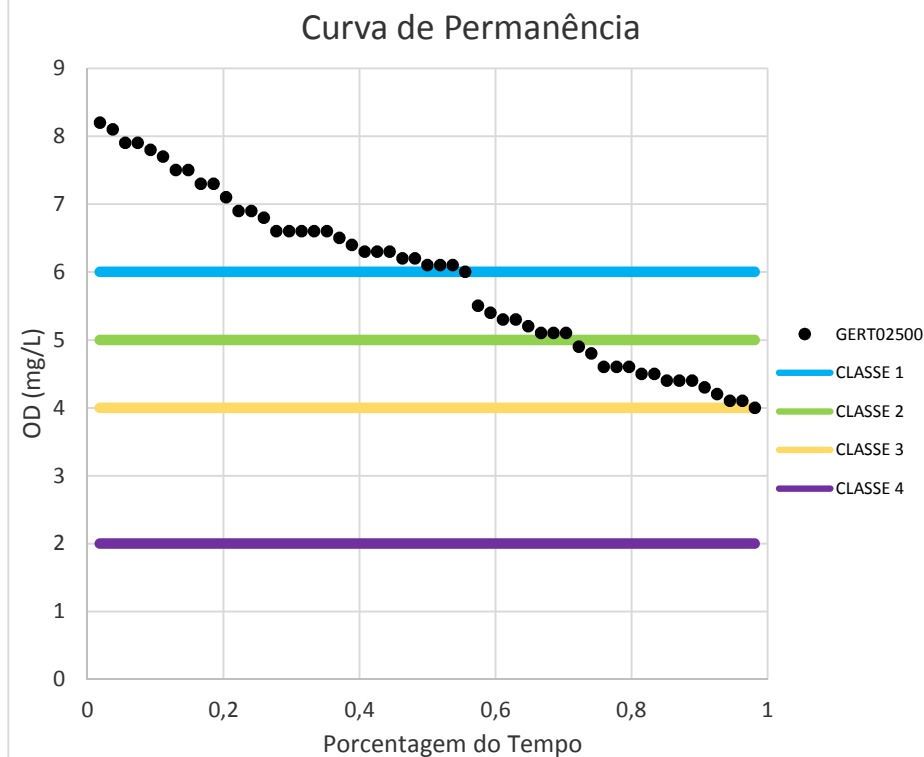
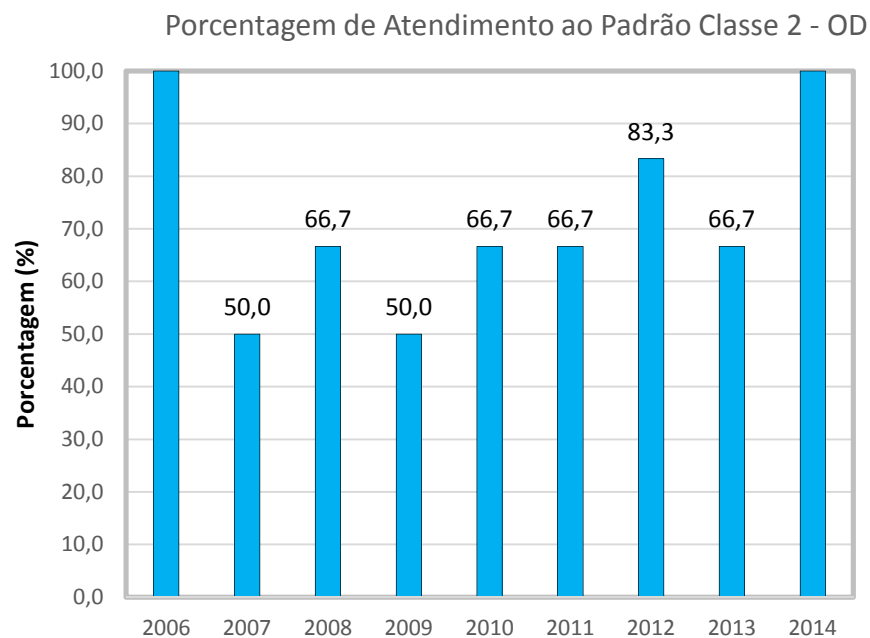


Evolução Temporal - Período Chuvoso

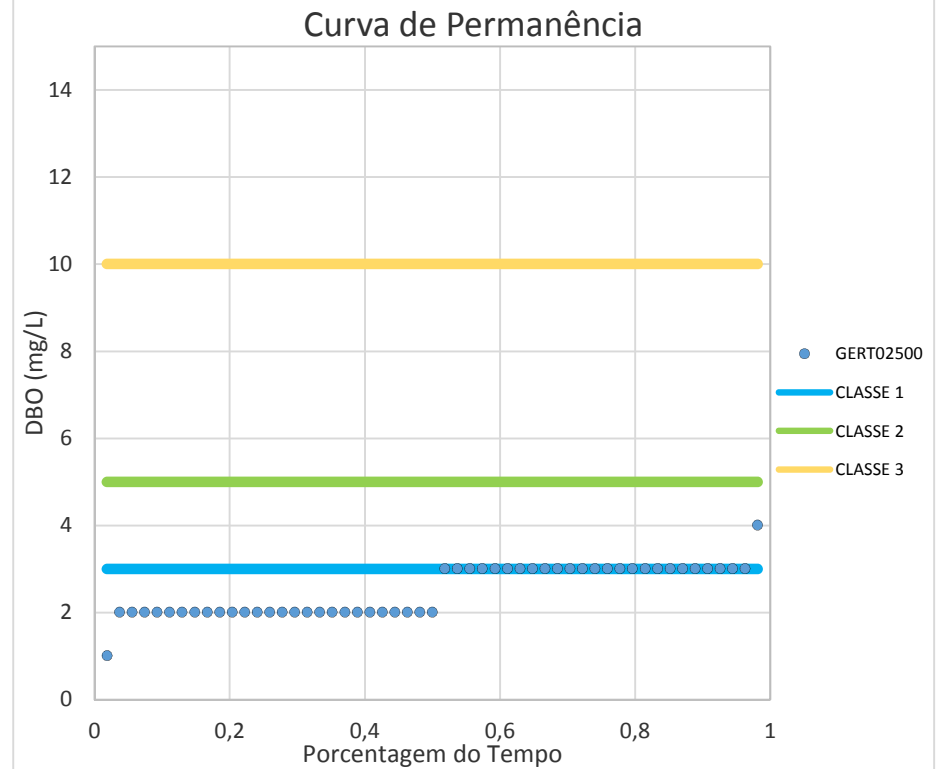
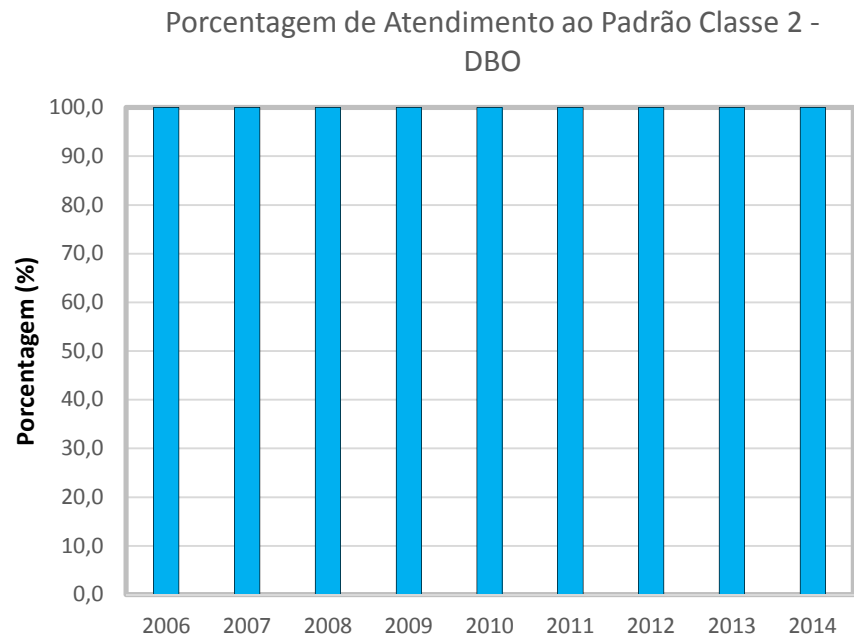


Córrego Santa Gertrudes
GERT 02500

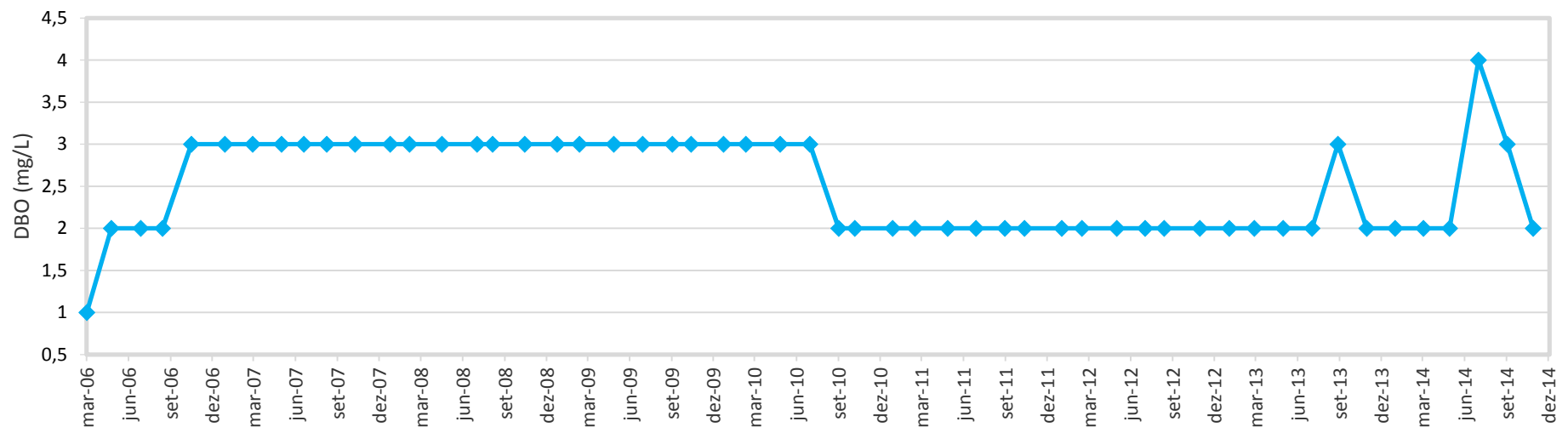
GERT 02500 – Oxigênio Dissolvido (mg/L)



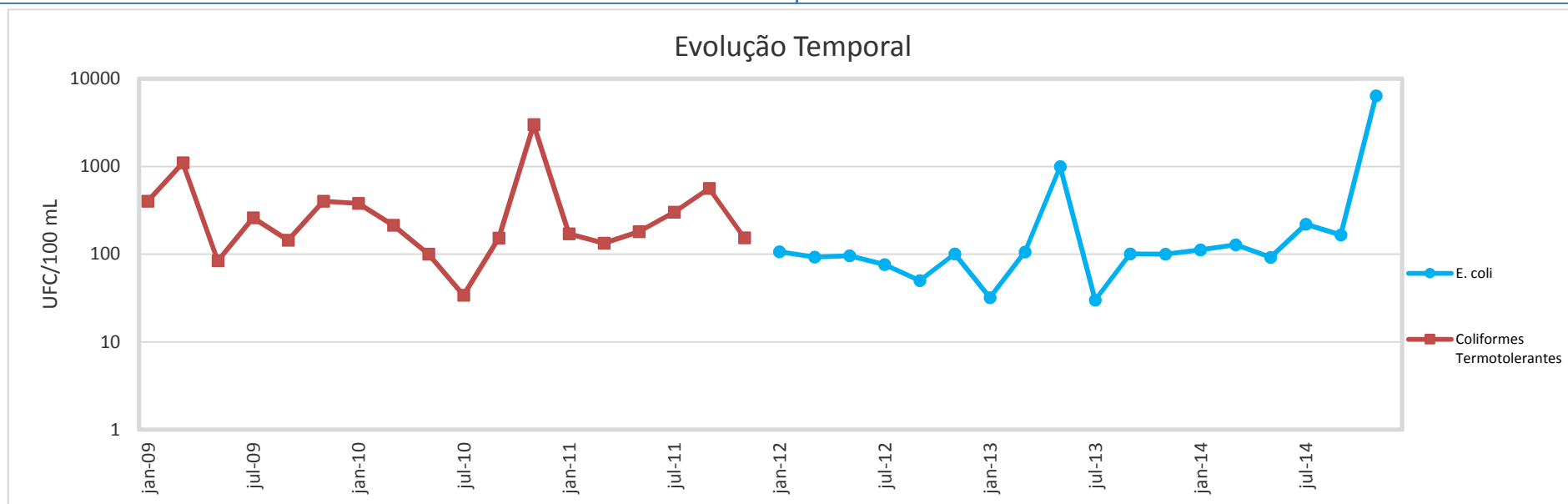
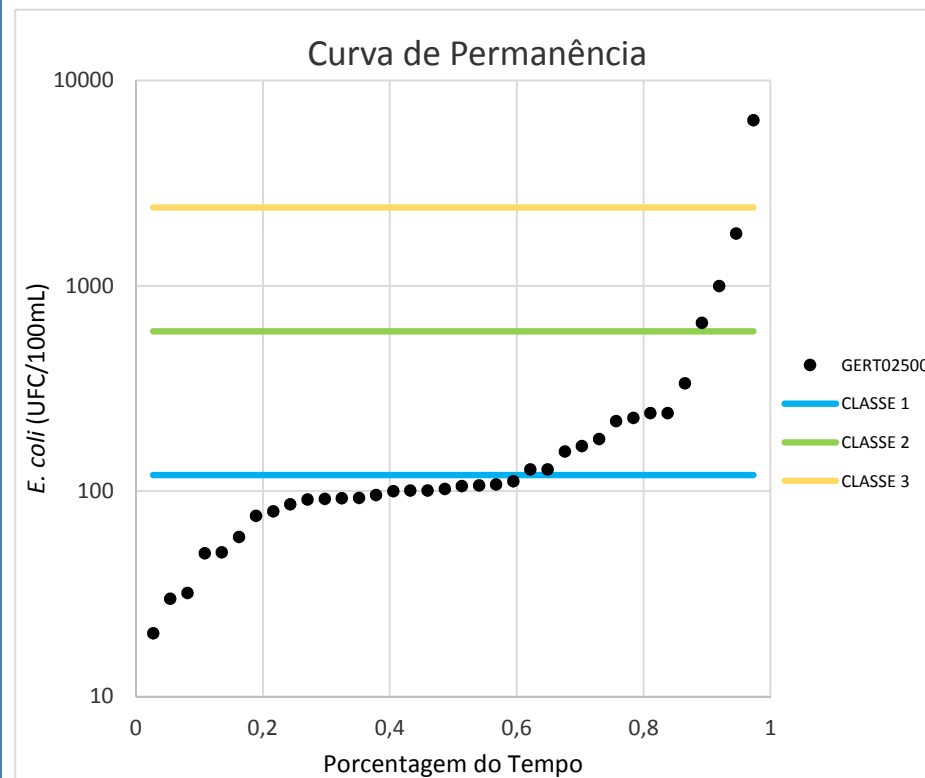
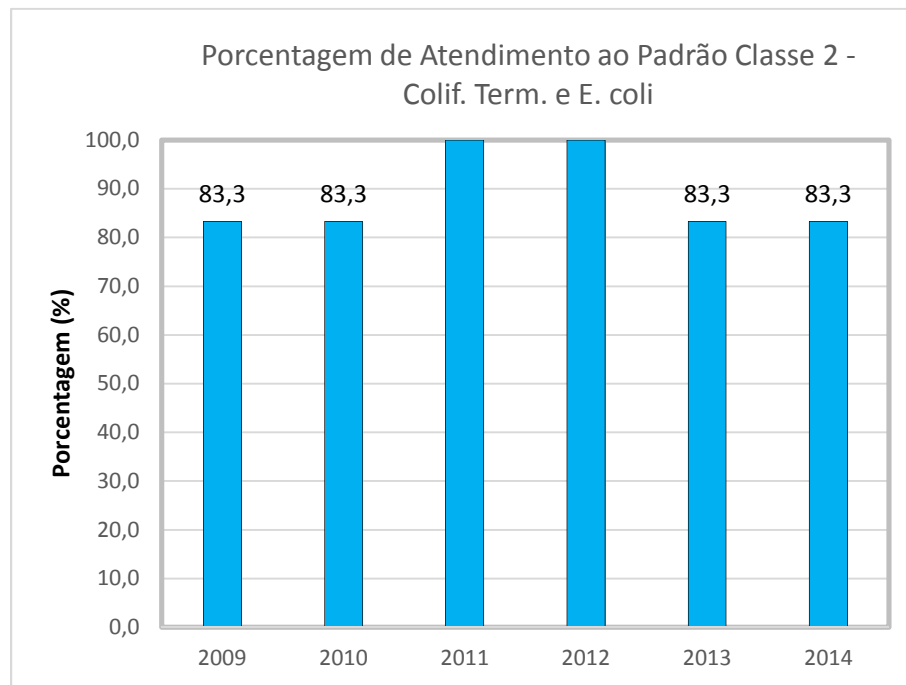
GERT 02500 – DBO (mg/L)



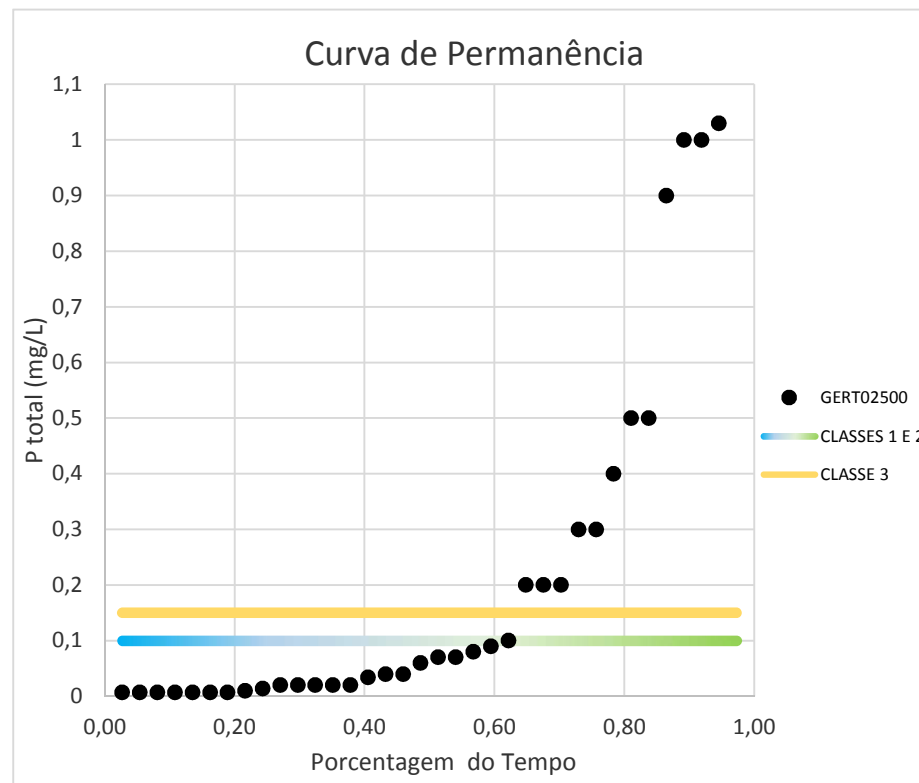
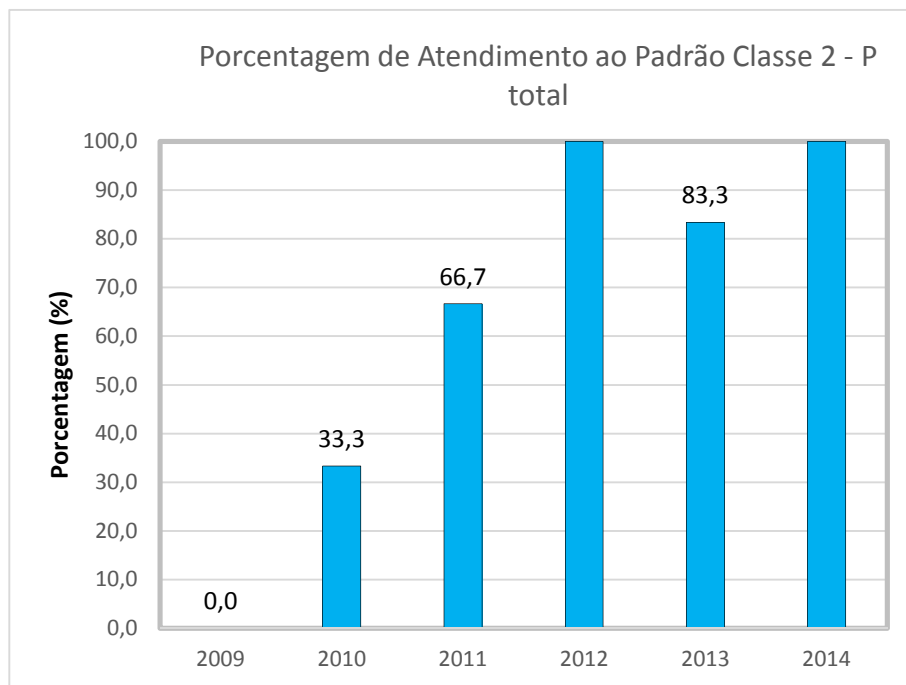
Evolução Temporal



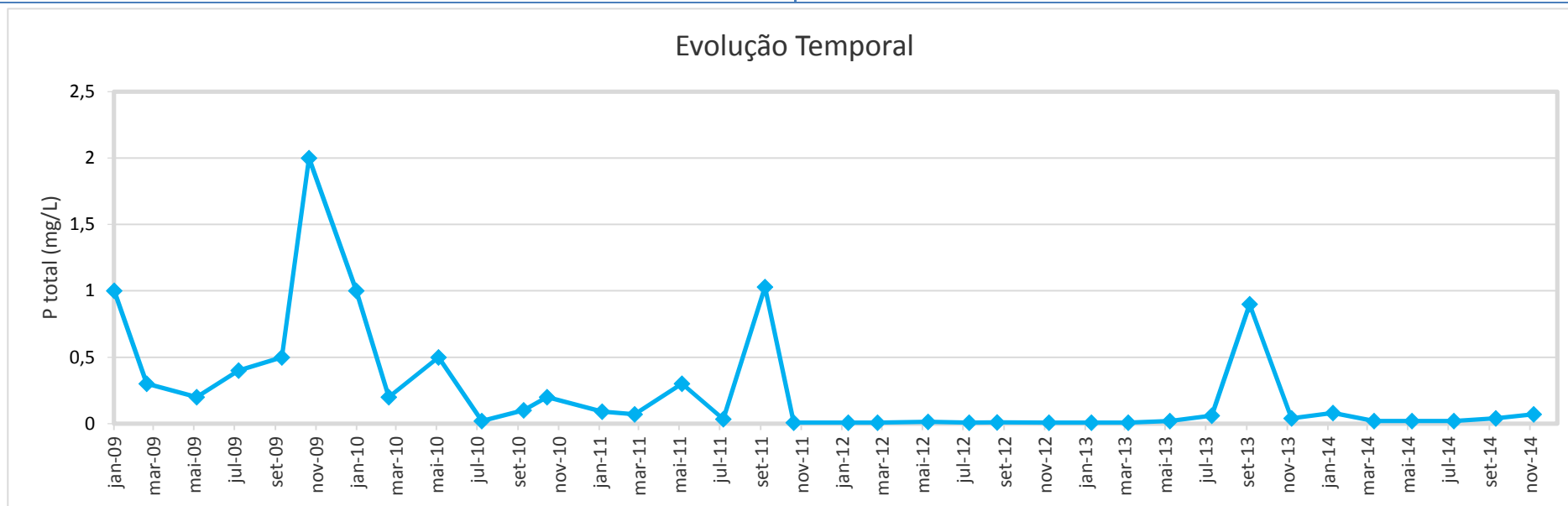
GERT 02500 – *Escherichia coli* (UFC/100mL)



GERT 02500 – Fósforo Total (mg/L)

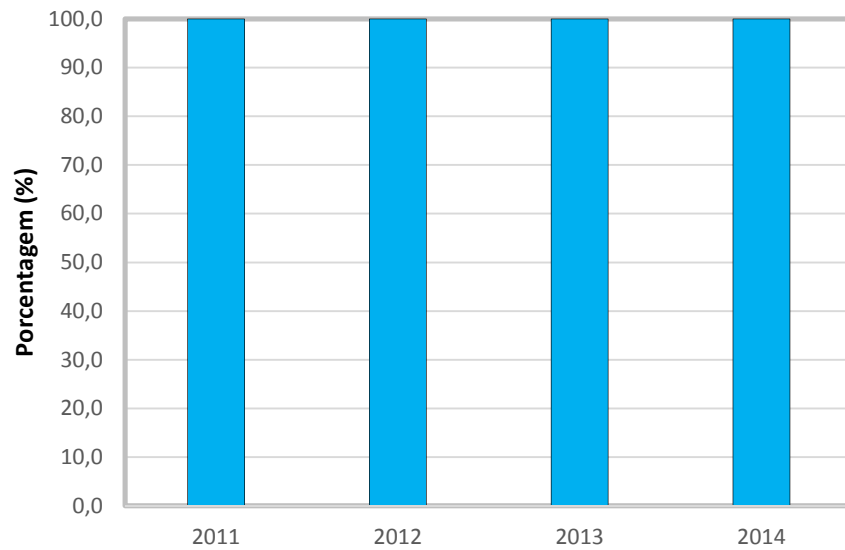


Evolução Temporal

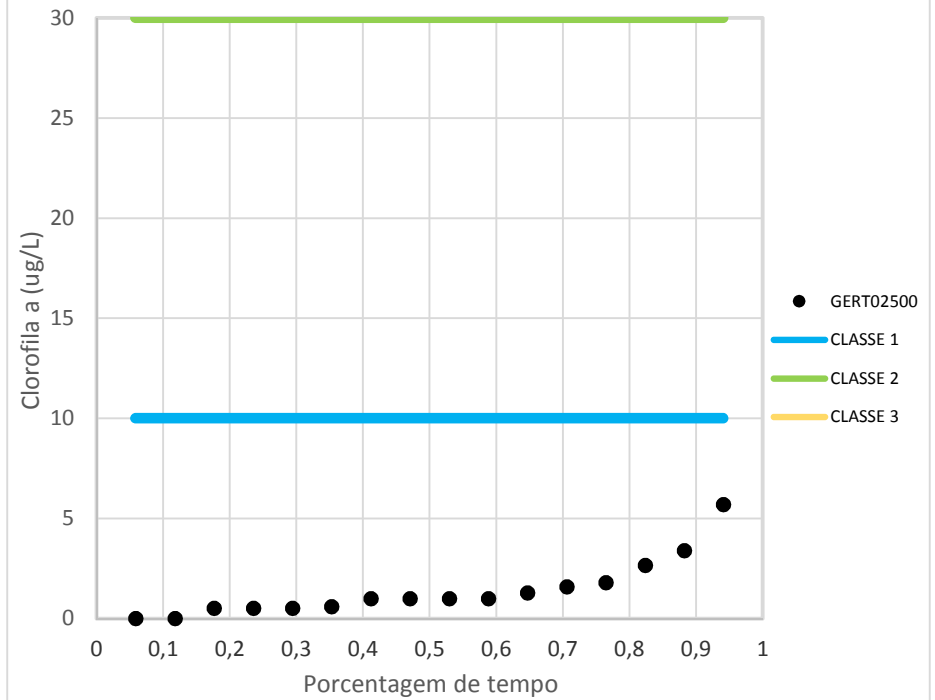


GERT 02500 – Clorofila a ($\mu\text{g/L}$)

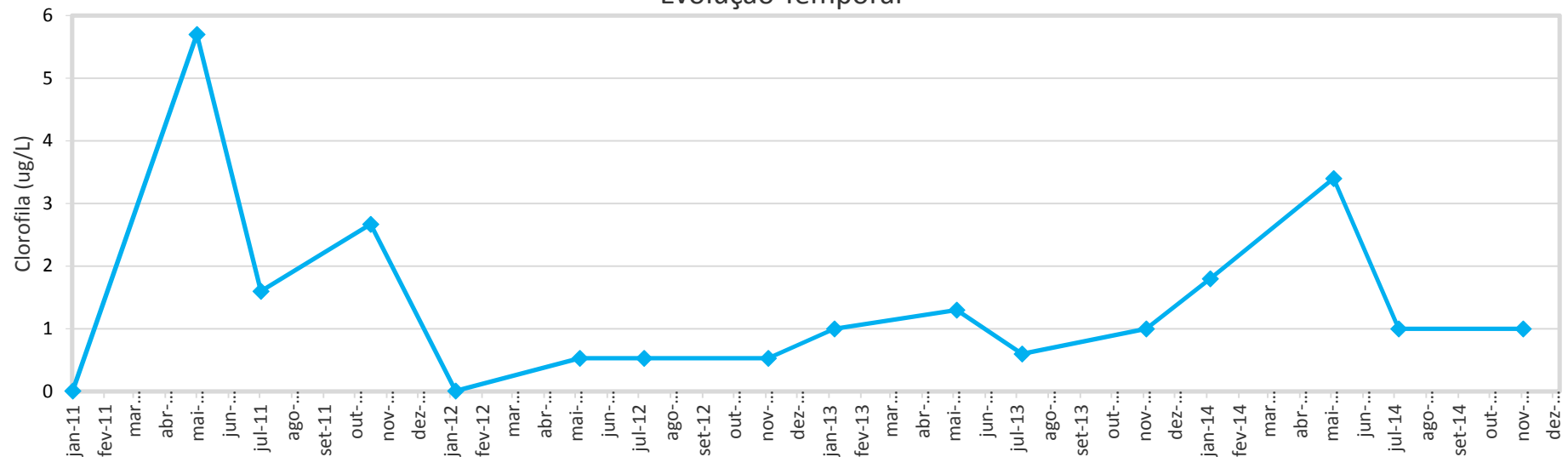
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila



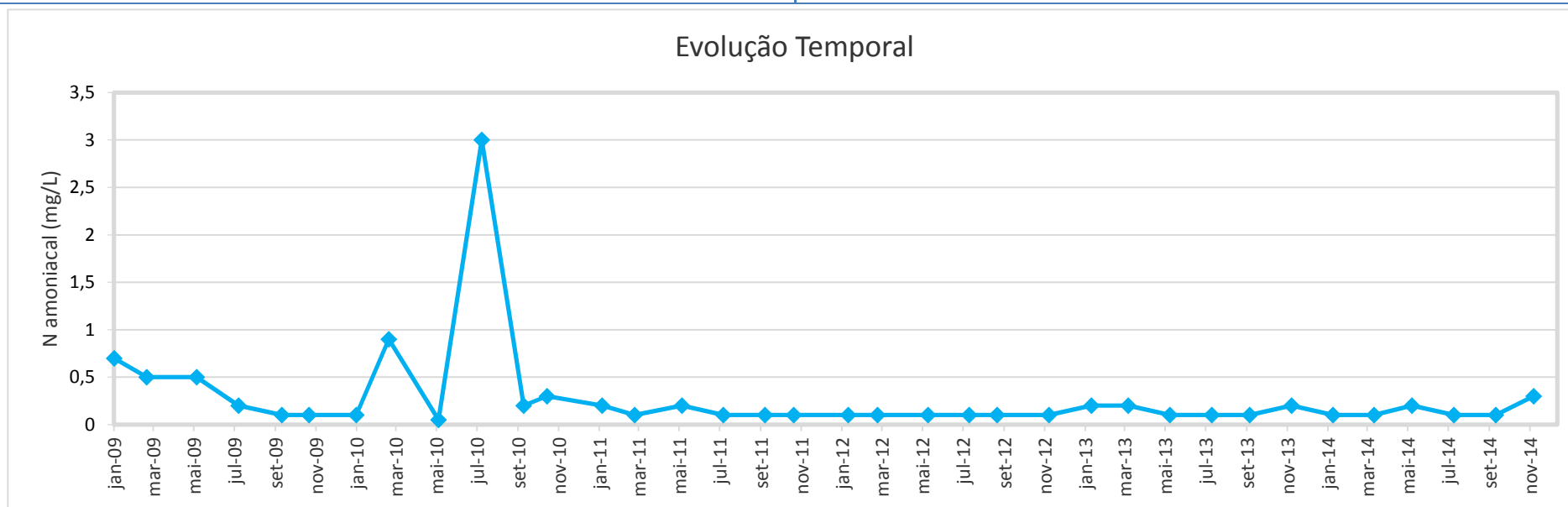
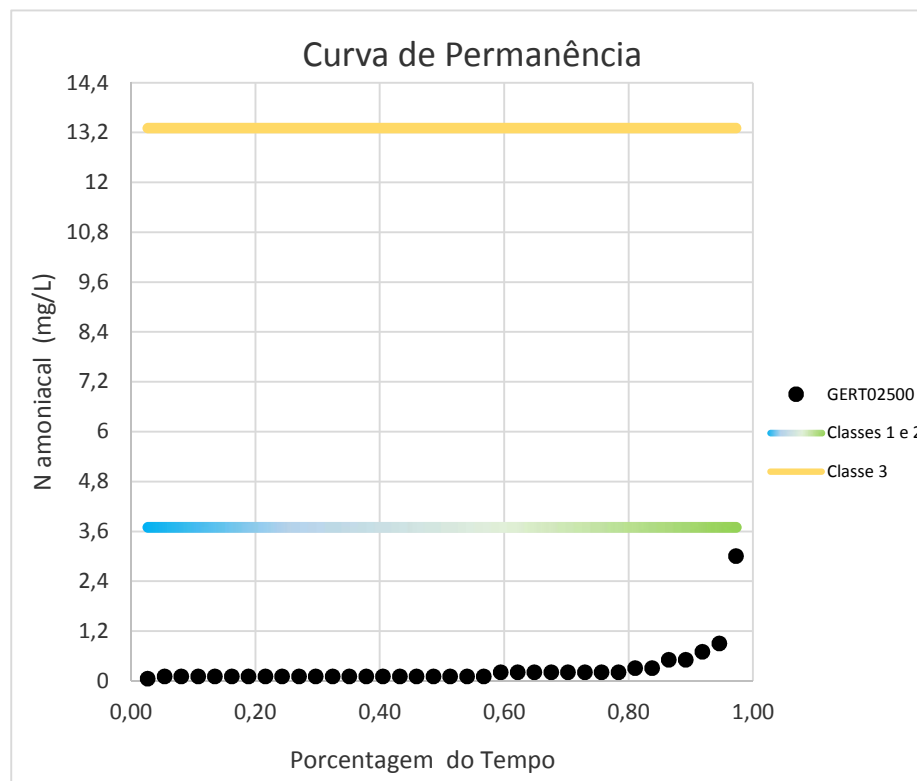
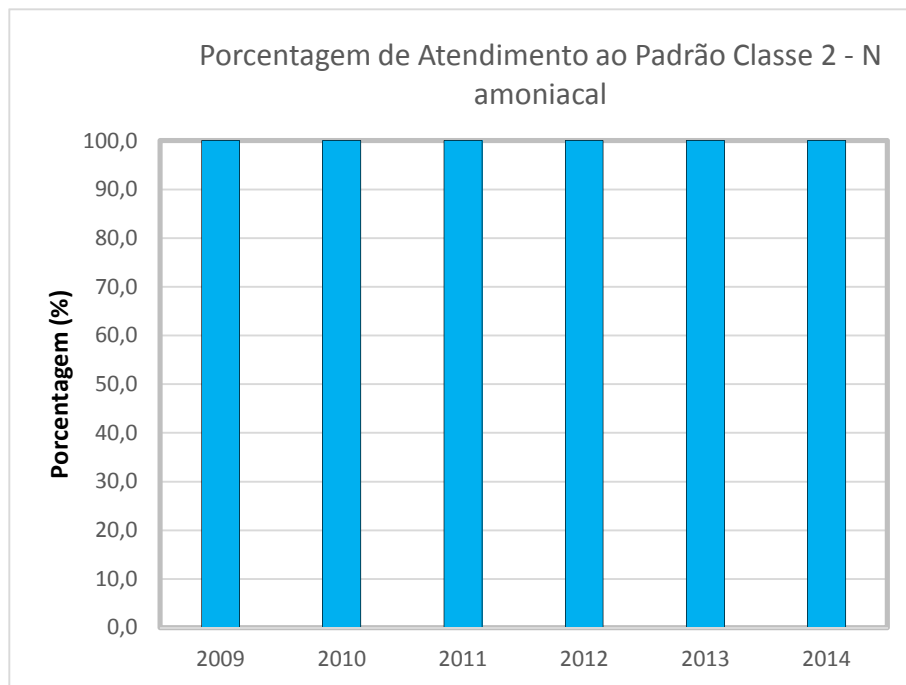
Curva de Permanência



Evolução Temporal

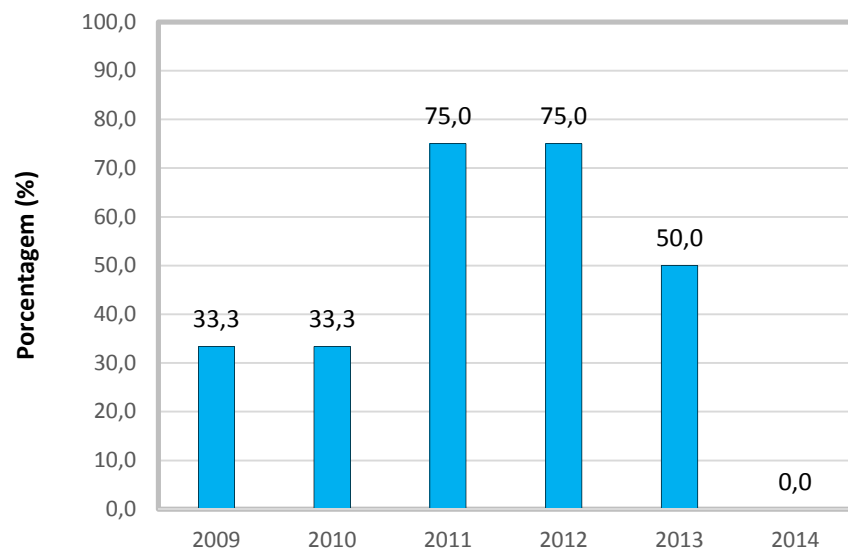


GERT 02500 – Nitrogênio Amoniacal (mg/L)

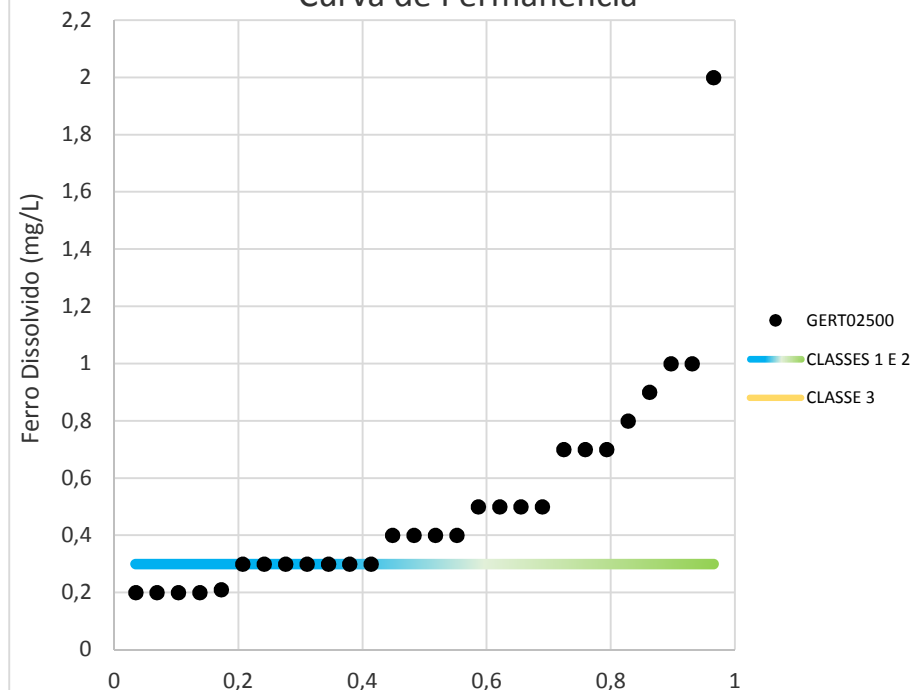


GERT 02500 – Ferro Dissolvido (mg/L)

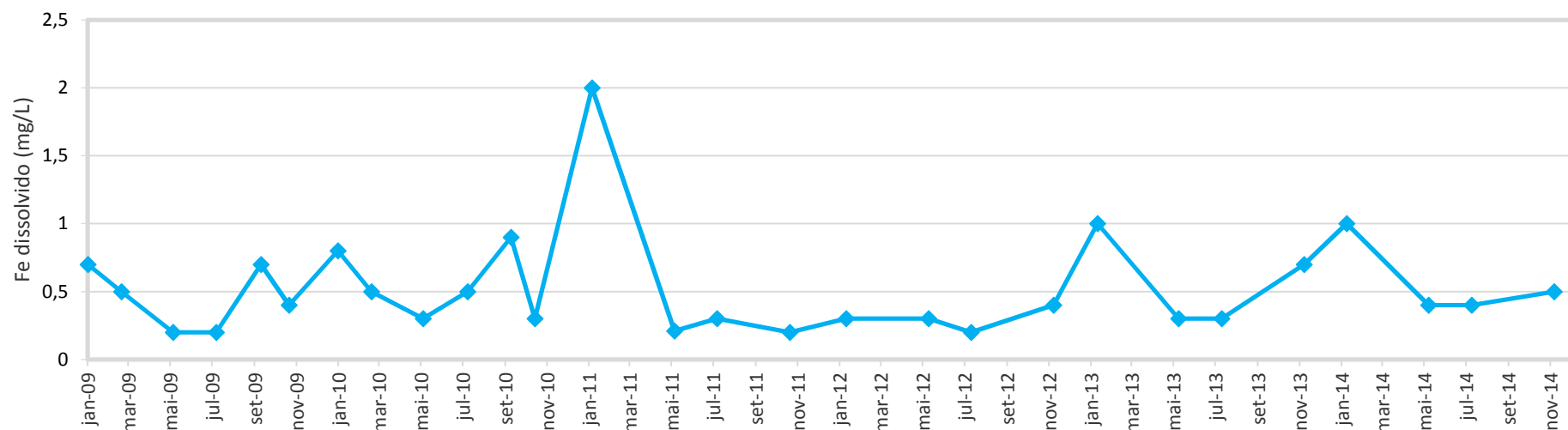
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



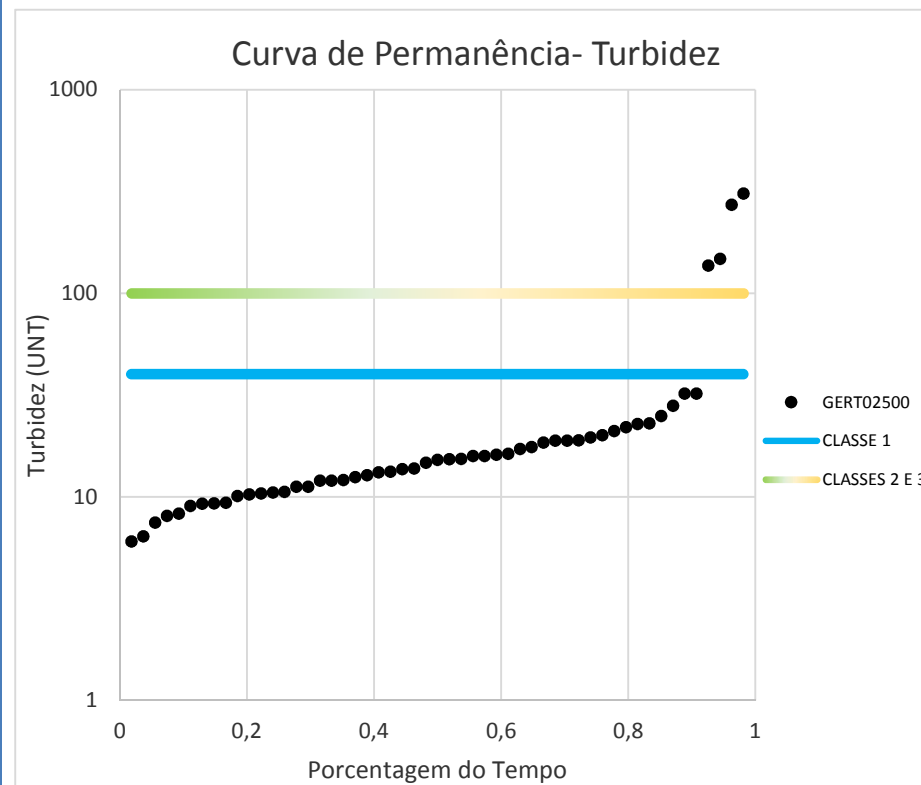
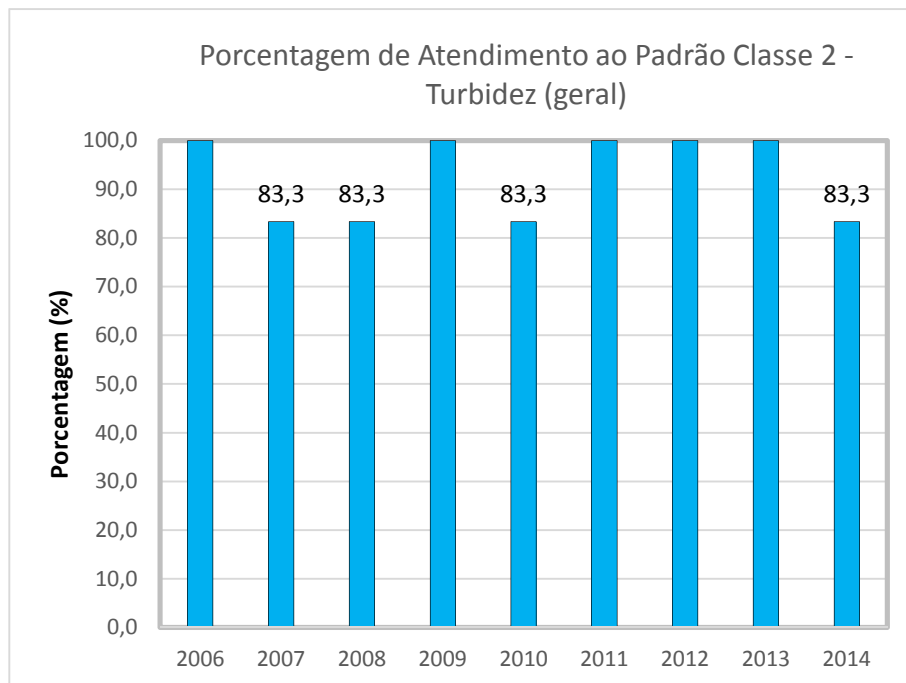
Curva de Permanência



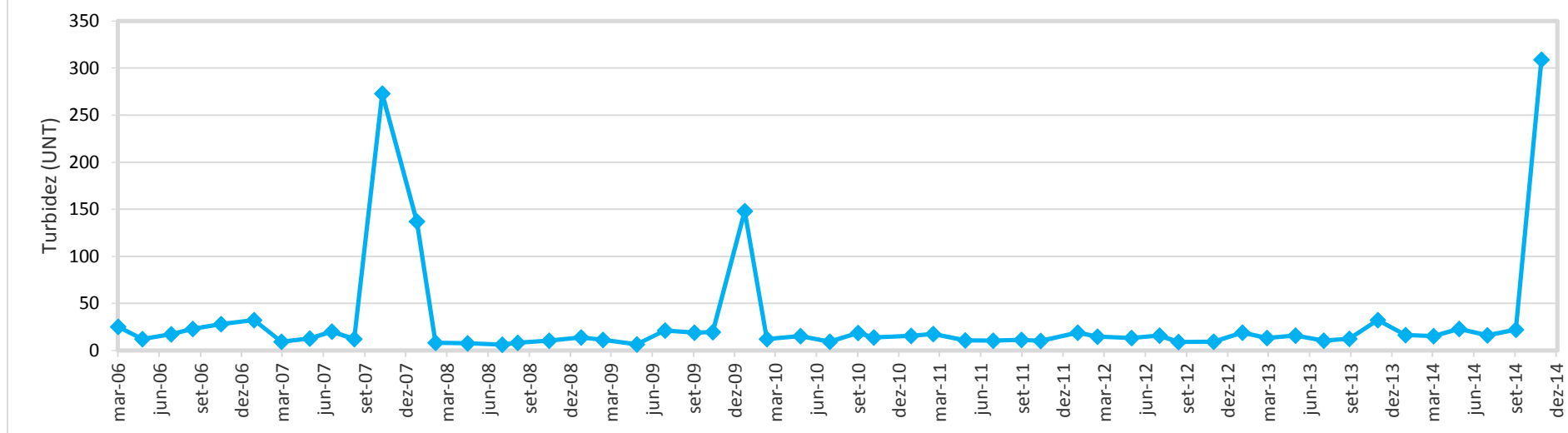
Evolução Temporal



GERT 02500 – Turbidez (UNT)

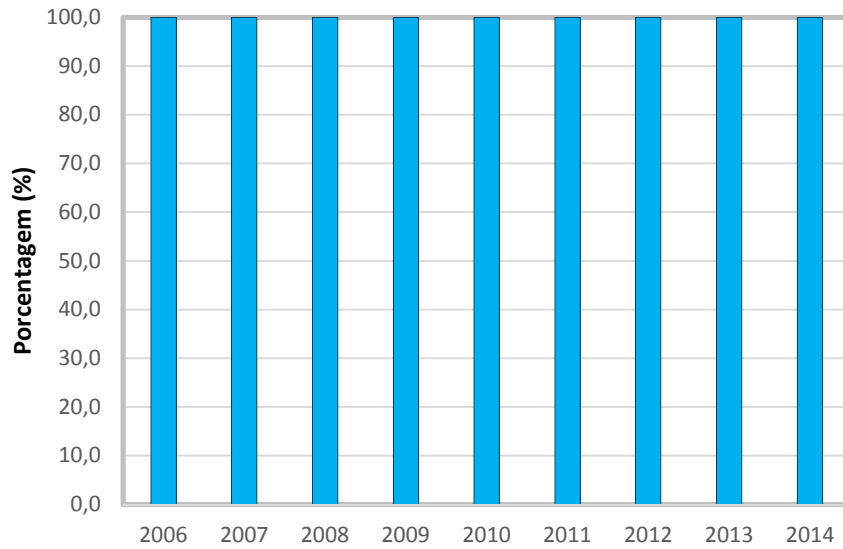


Evolução Temporal

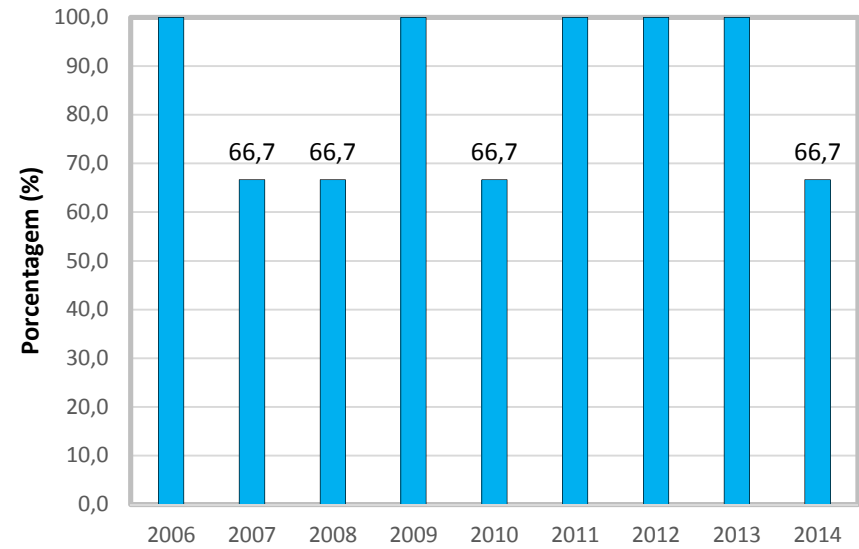


GERT 02500 – Turbidez (Período Seco x Período Chuvoso)

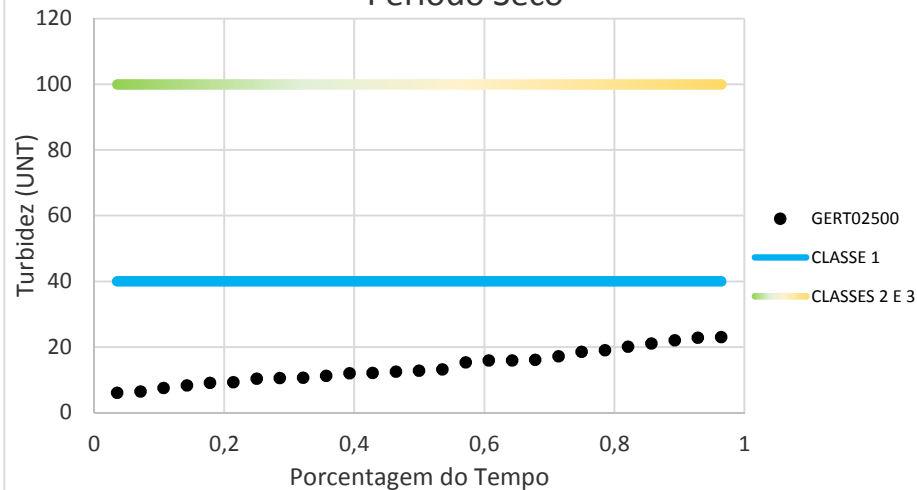
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



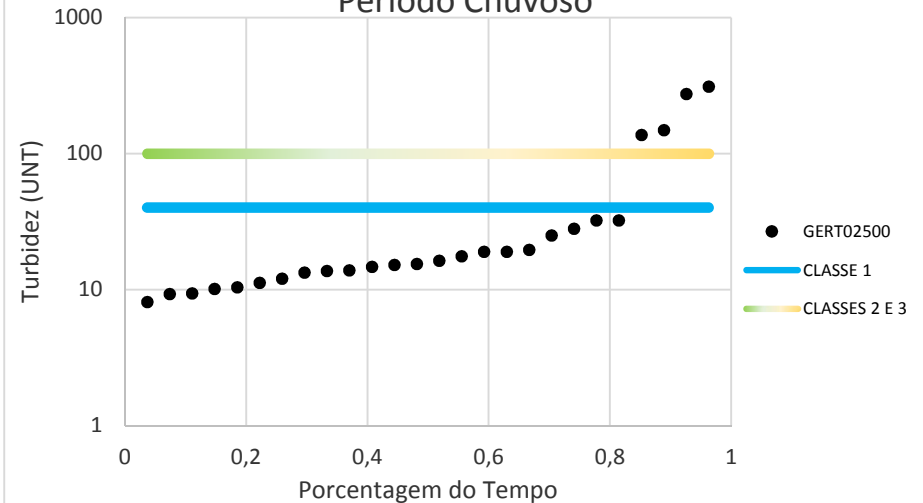
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

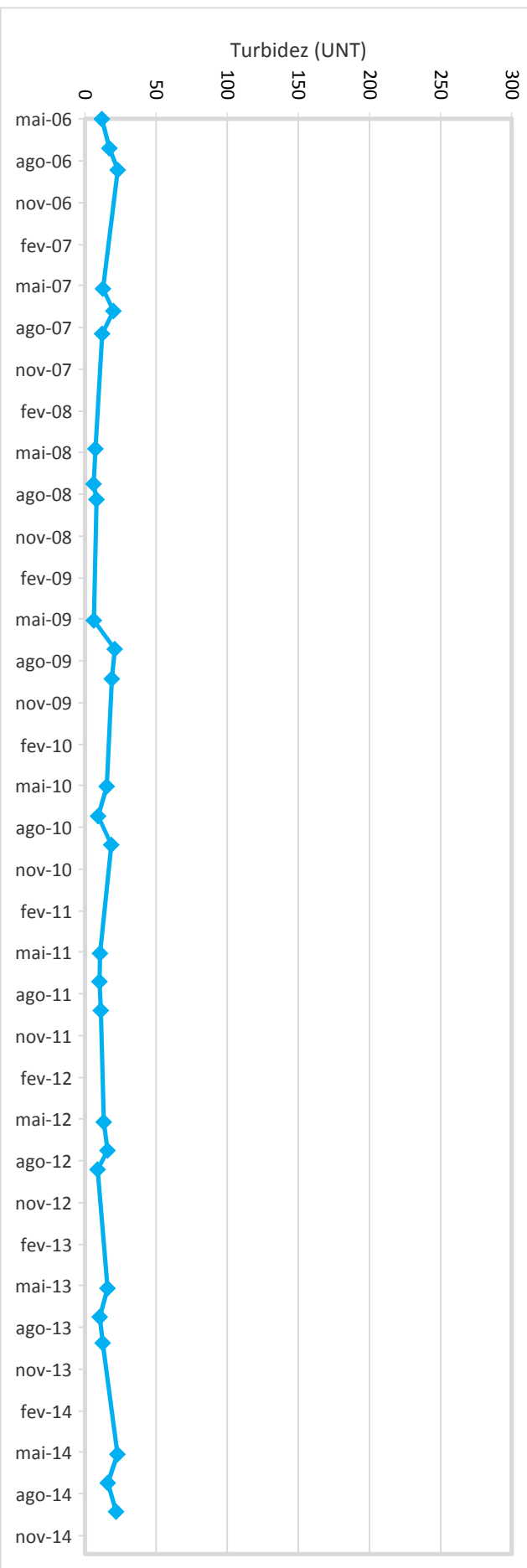


Curva de Permanência- Turbidez
Período Chuvoso

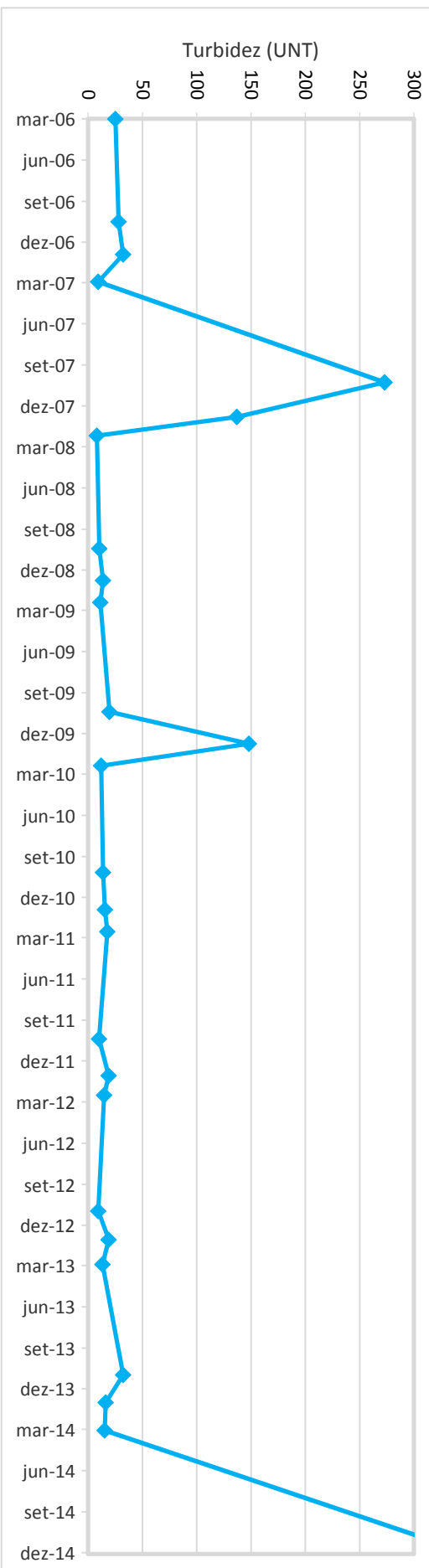


GERT 02500 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



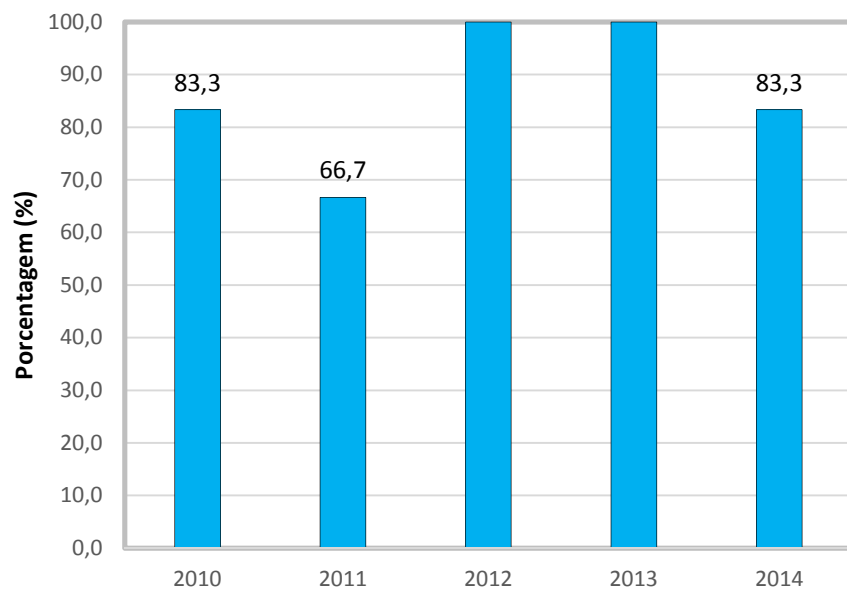
Evolução Temporal - Período Chuvoso



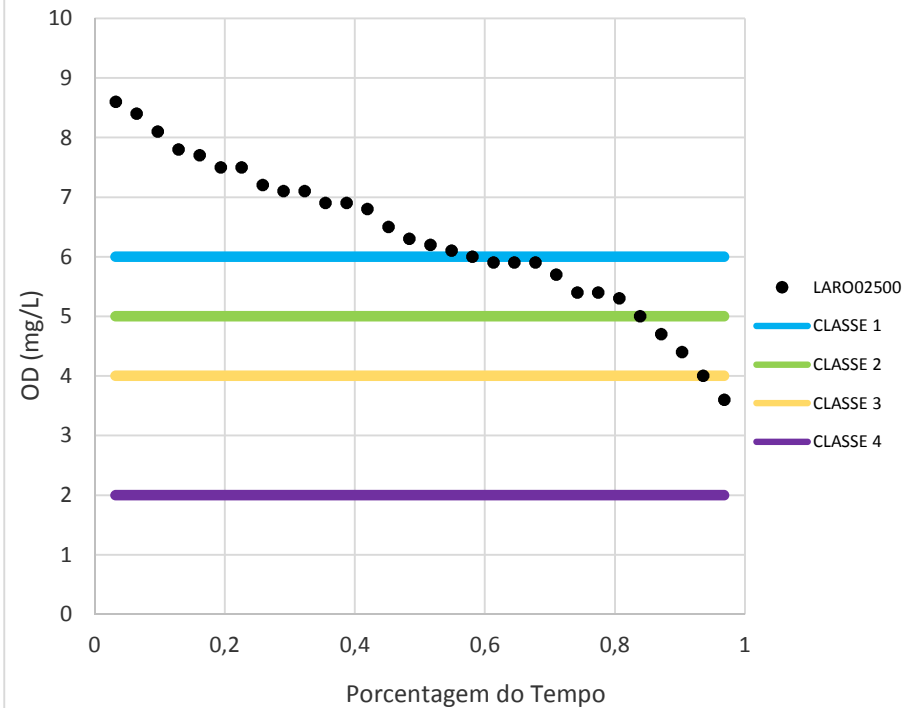
Rio Claro
LARO 02500

LARO 02500 – Oxigênio Dissolvido (mg/L)

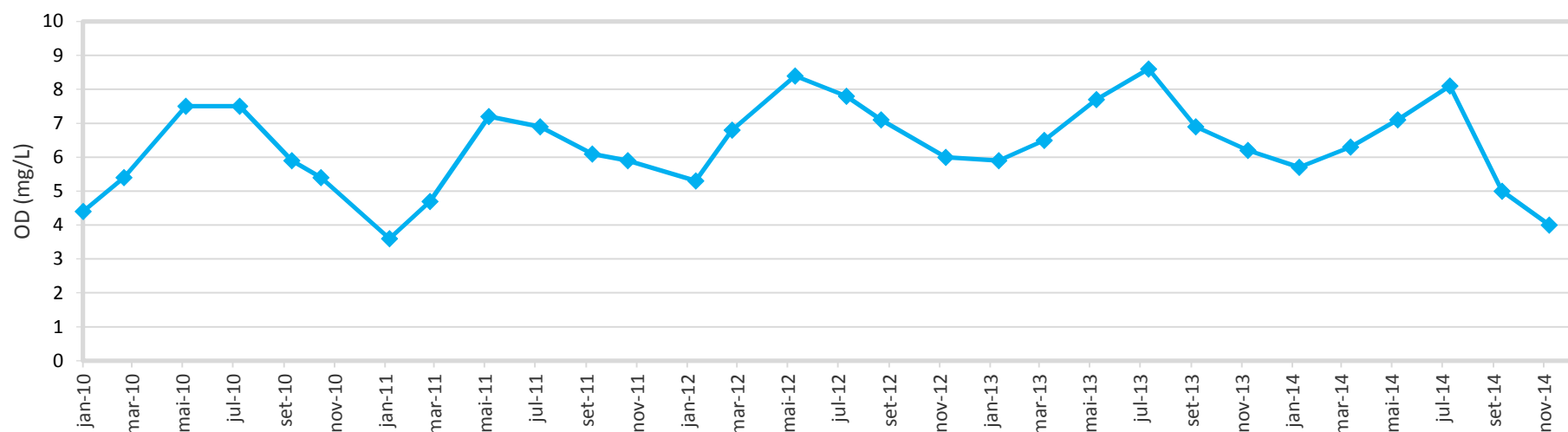
Porcentagem de Atendimento ao Padrão Classe 2 - OD



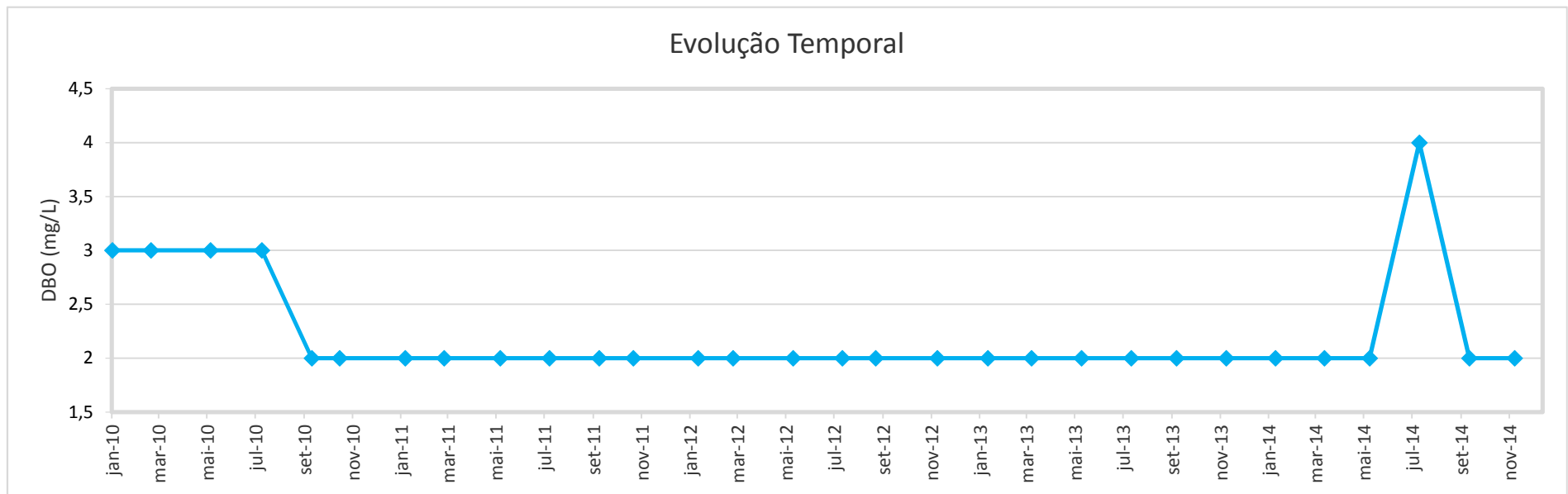
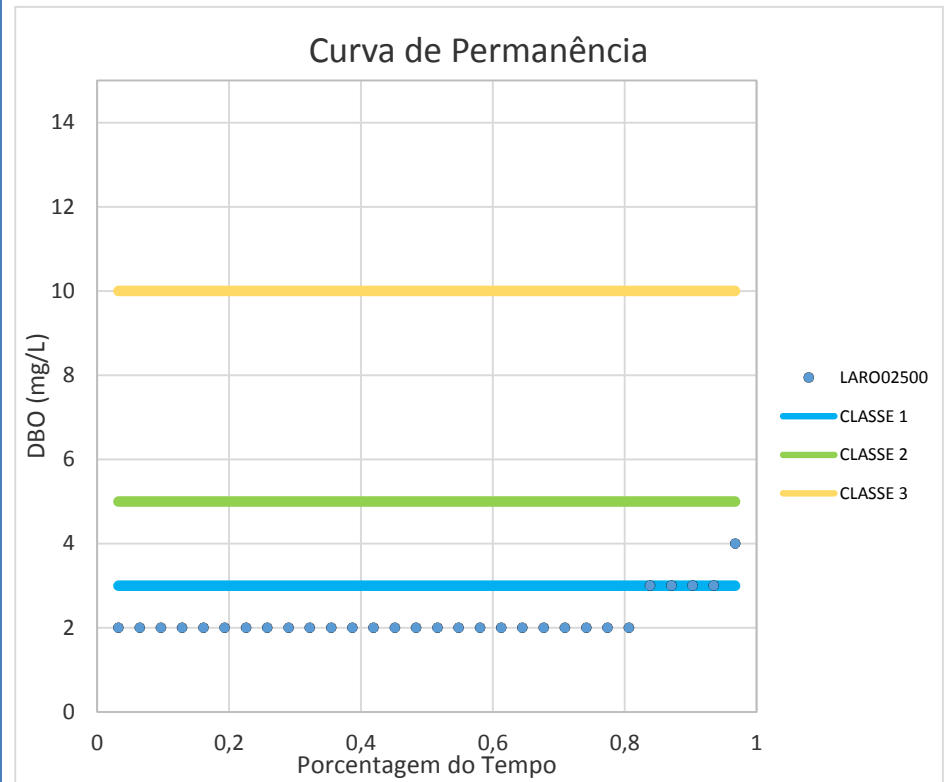
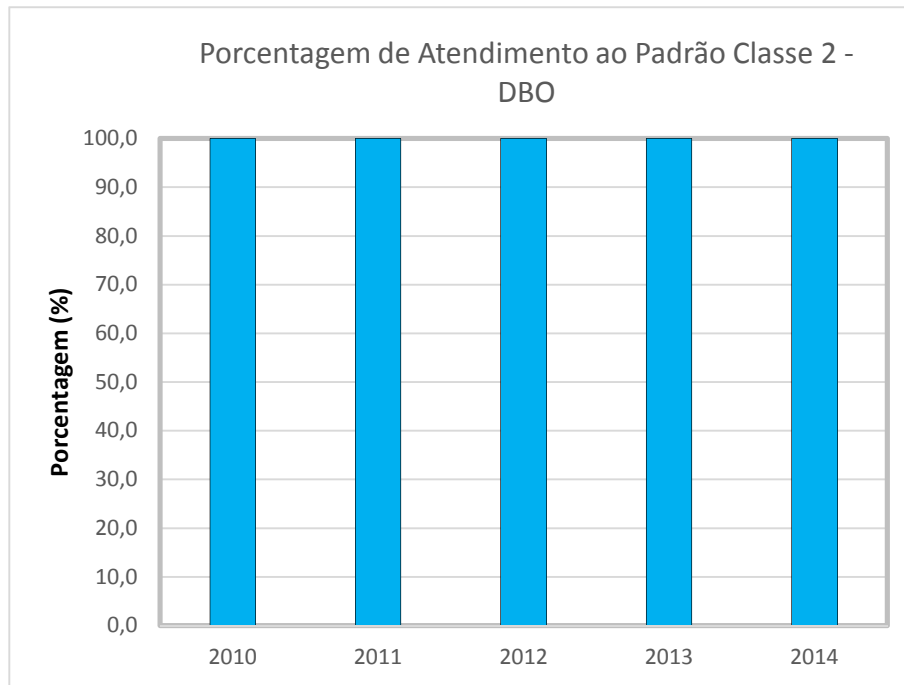
Curva de Permanência



Evolução Temporal

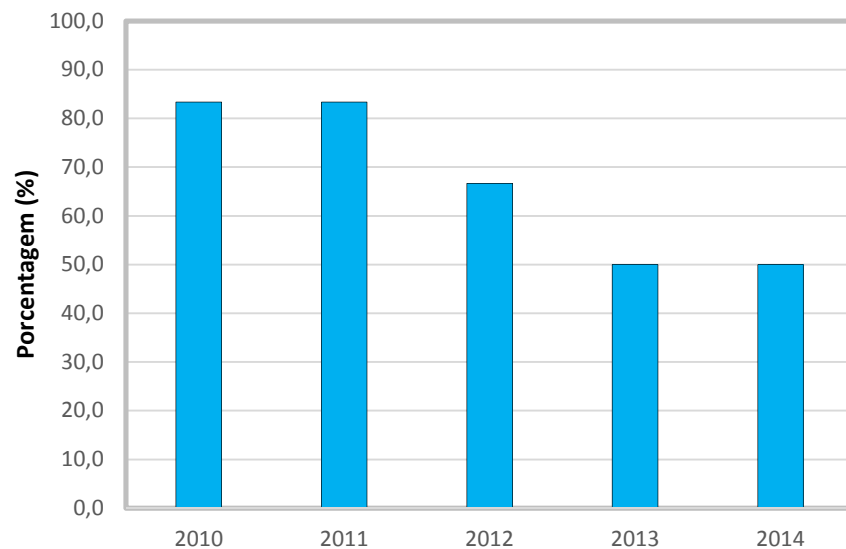


LARO 02500 – DBO (mg/L)

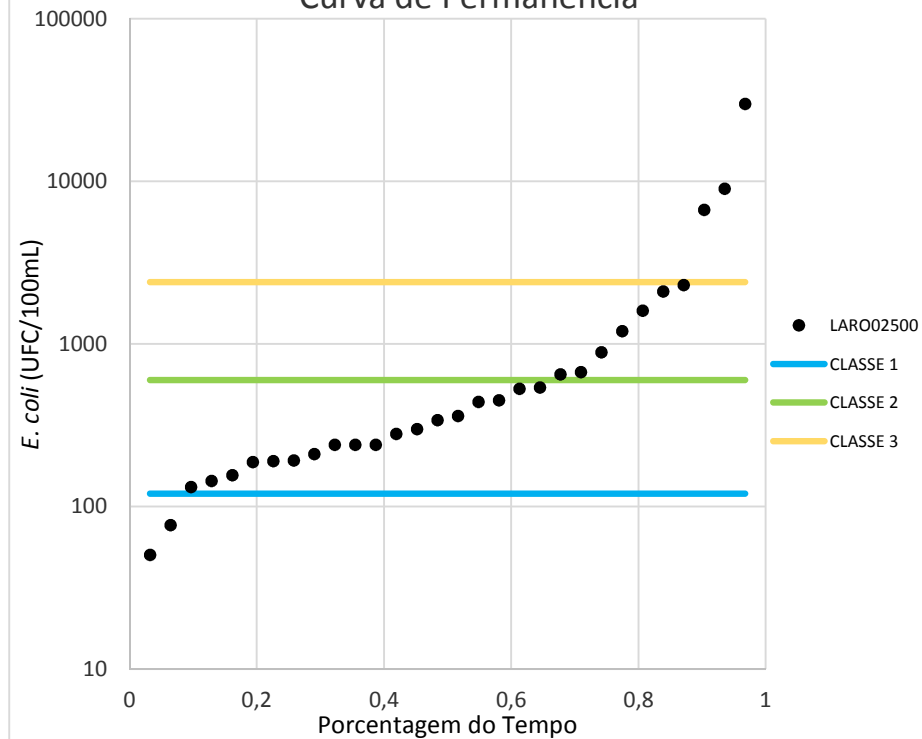


LARO 02500 – *Escherichia coli* (UFC/100mL)

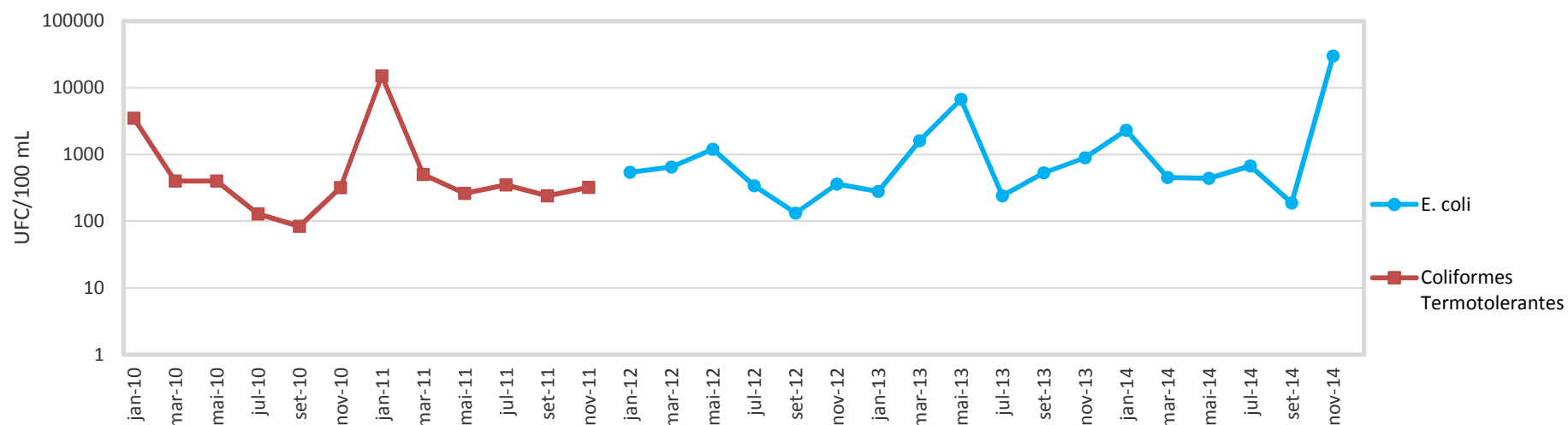
Porcentagem de Atendimento ao Padrão Classe 2 – *E. coli* e Colif. Term.



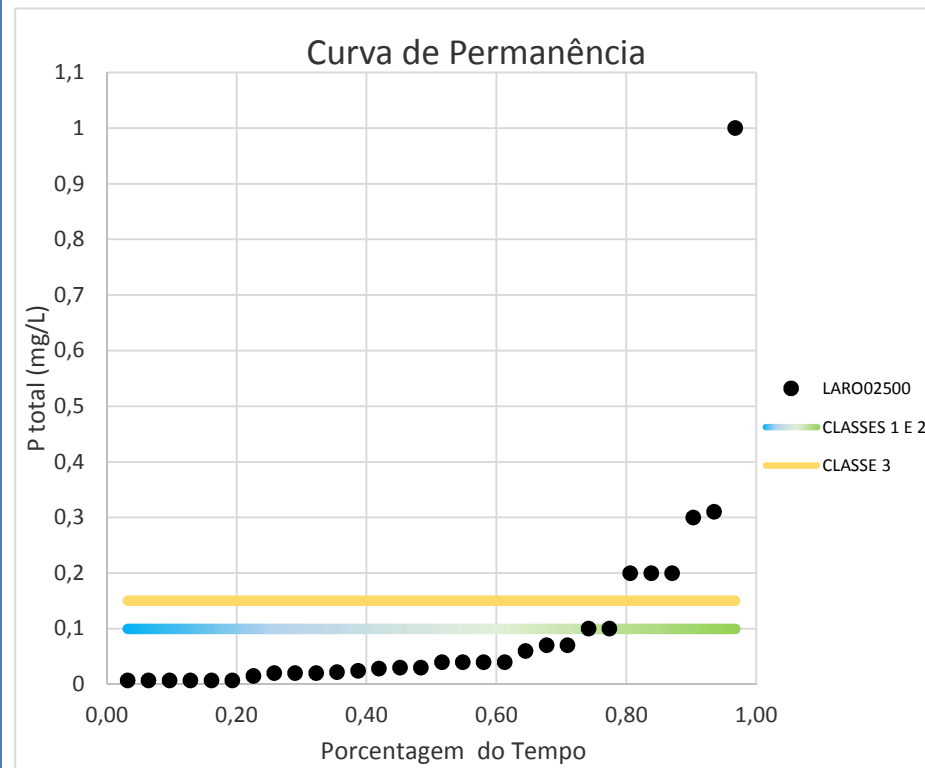
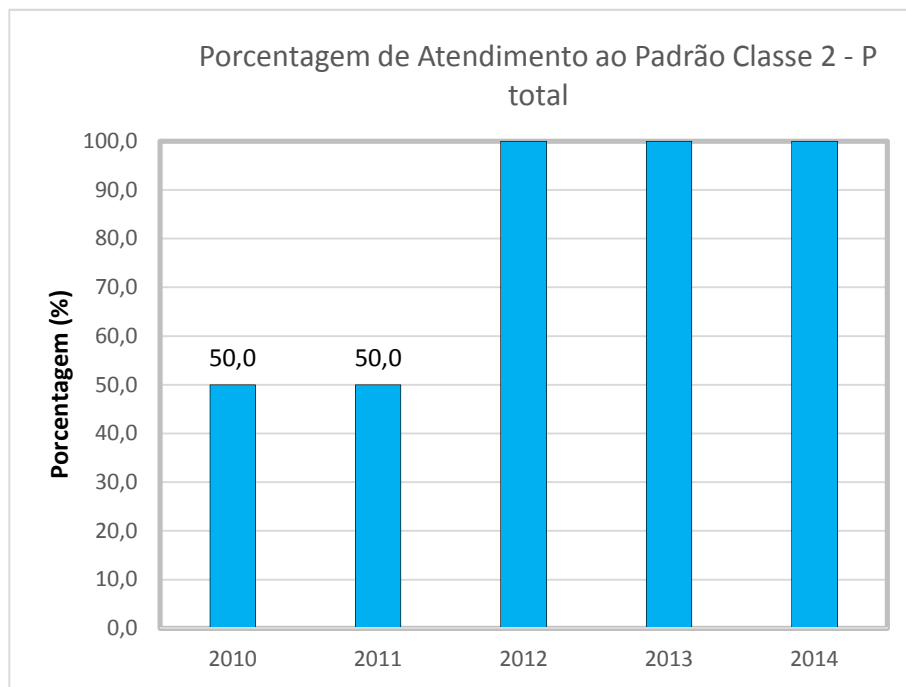
Curva de Permanência



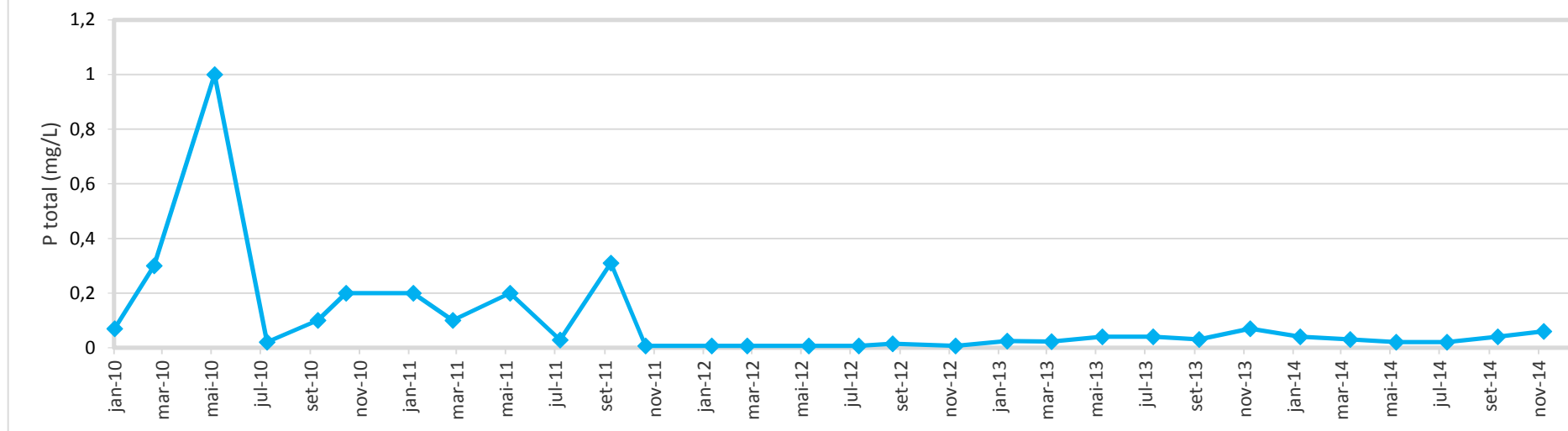
Evolução Temporal



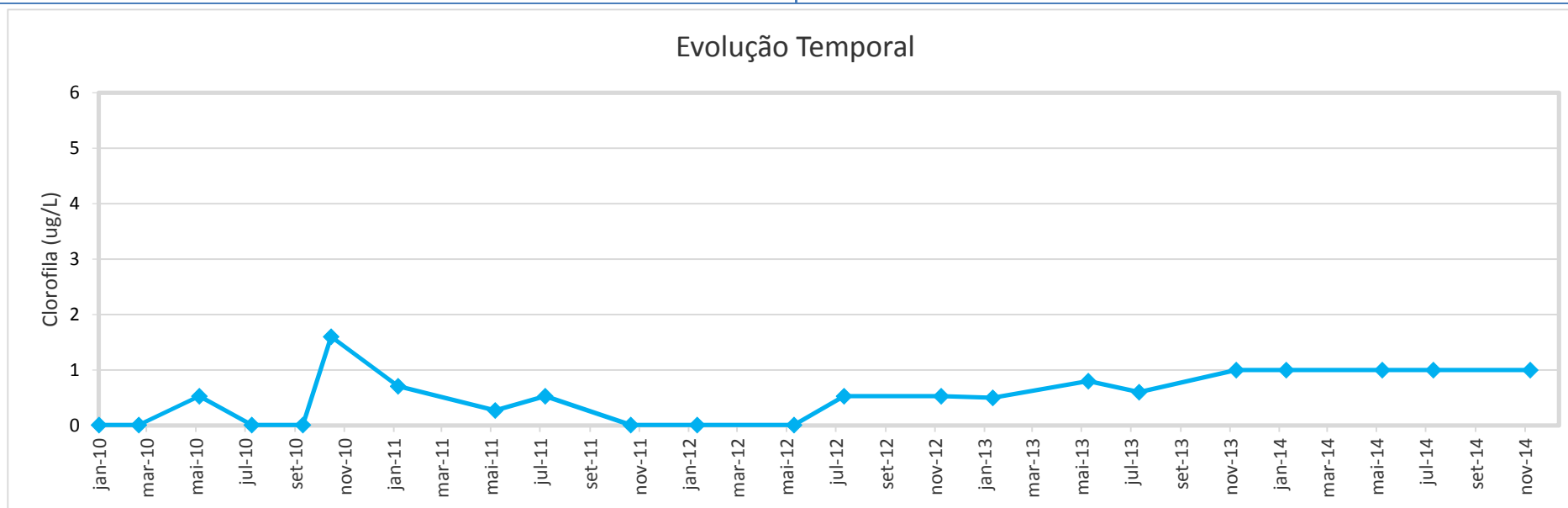
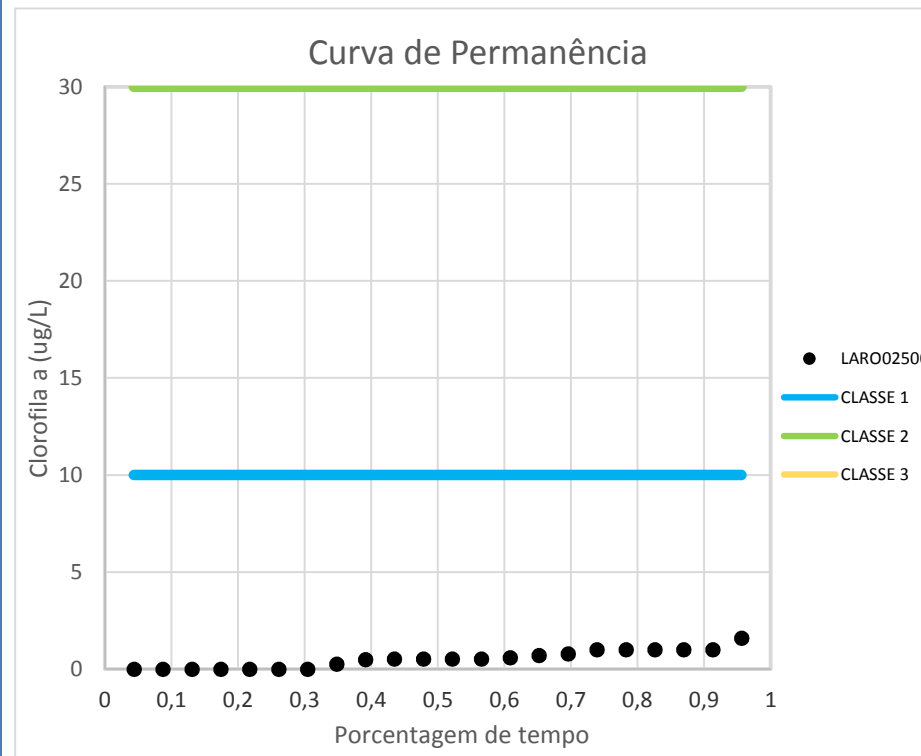
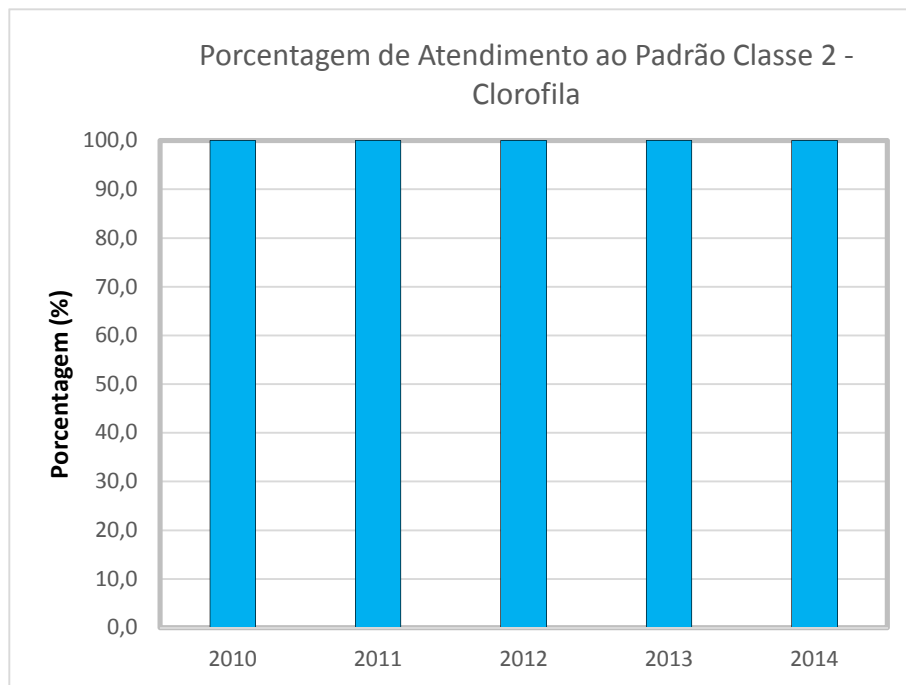
LARO 02500 – Fósforo Total (mg/L)



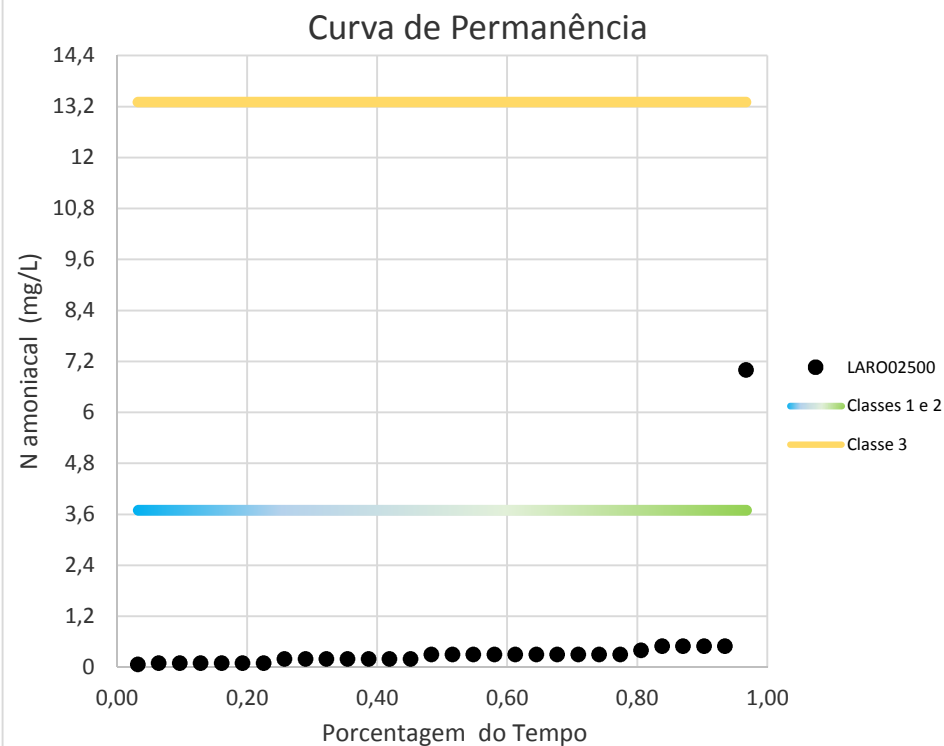
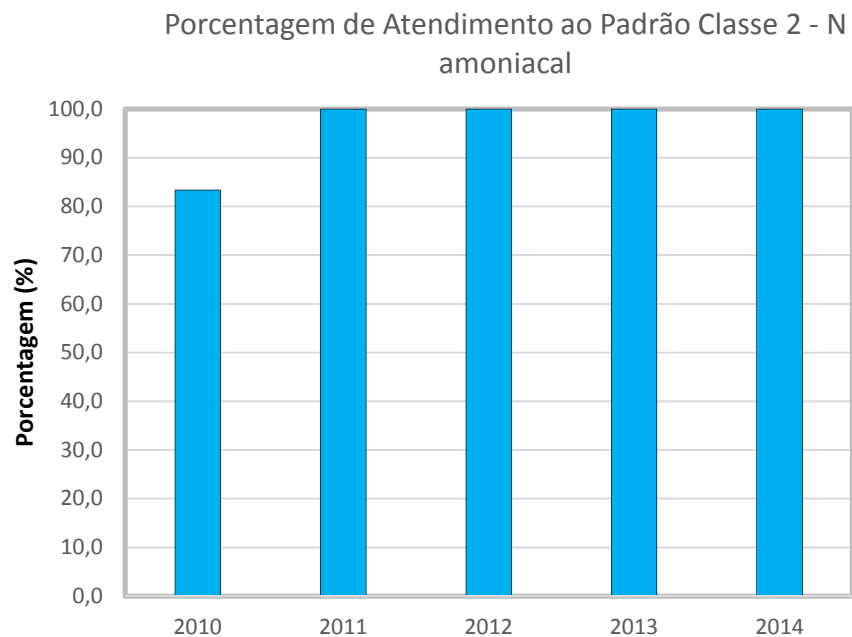
Evolução Temporal



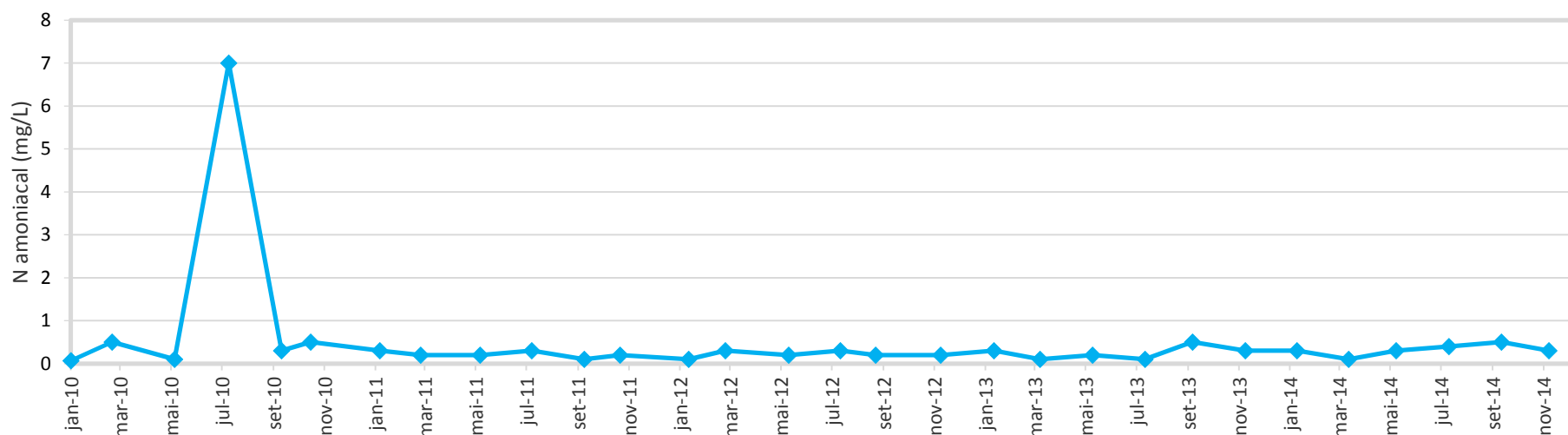
LARO 02500 – Clorofila a ($\mu\text{g/L}$)



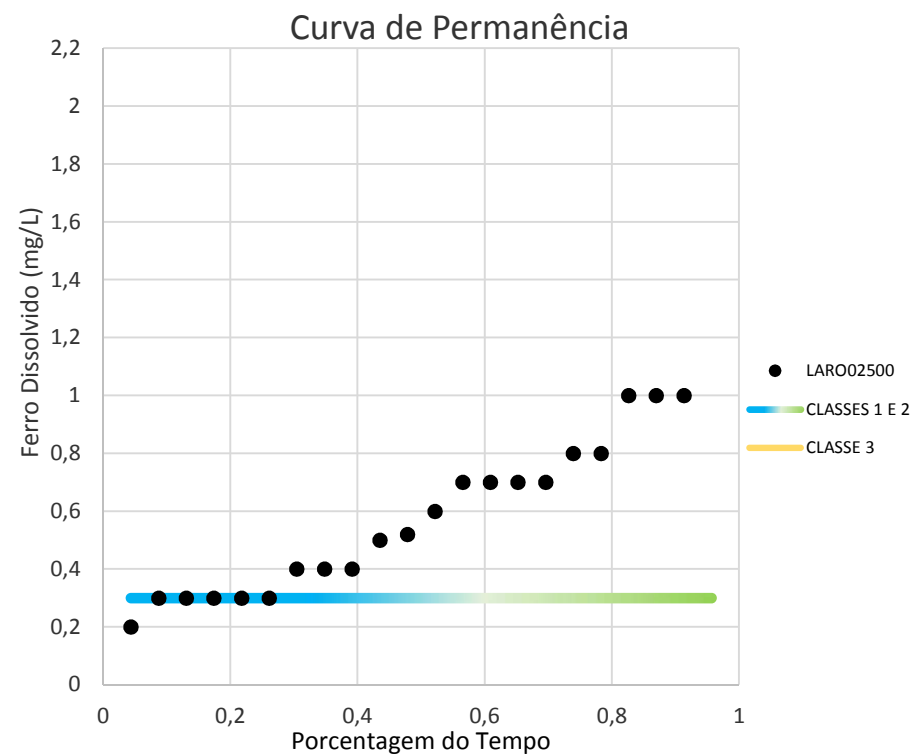
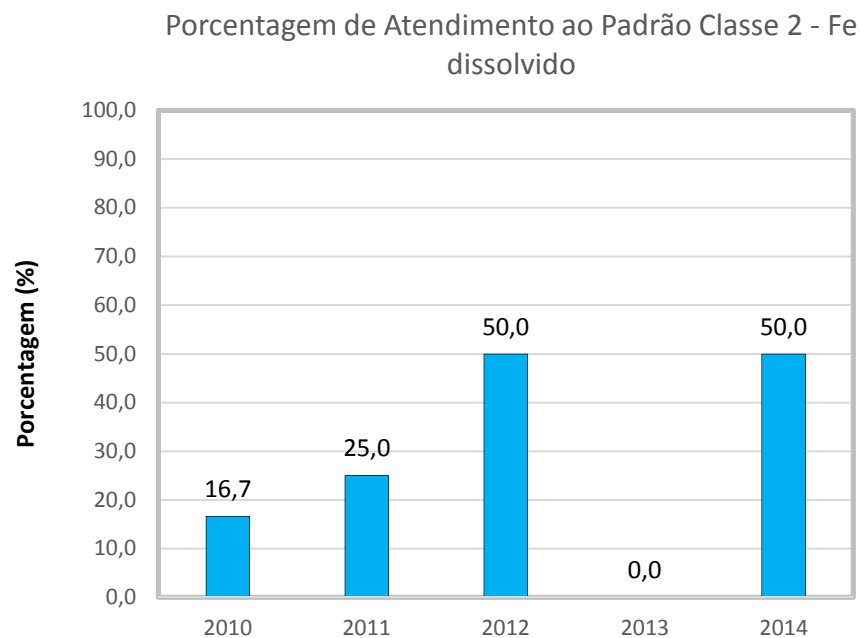
LARO 02500 – Nitrogênio Amoniacal (mg/L)



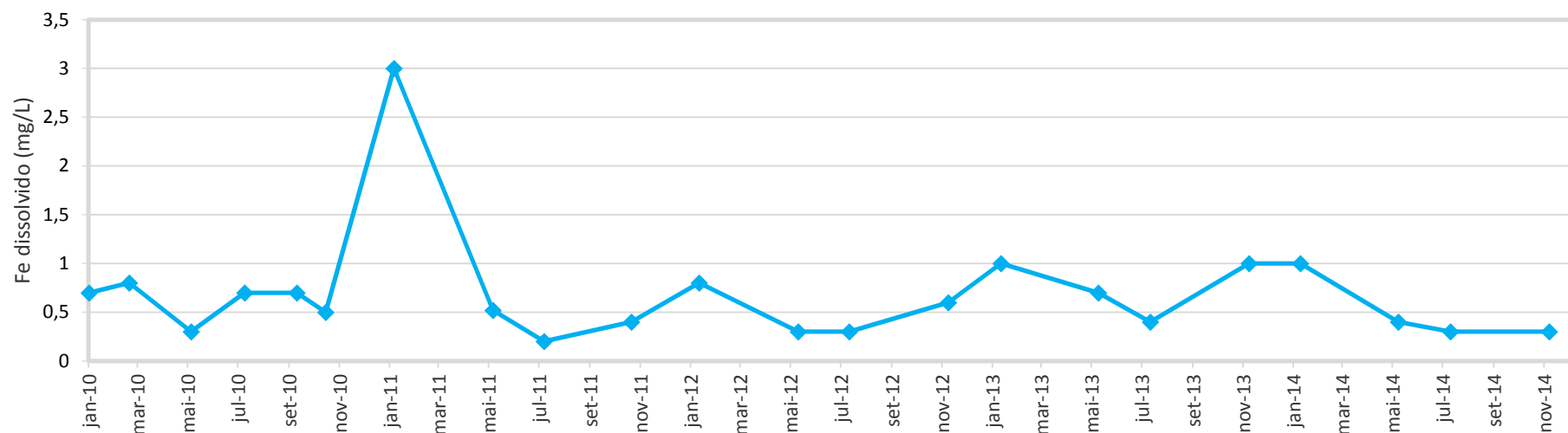
Evolução Temporal



LARO 02500 – Ferro Dissolvido (mg/L)

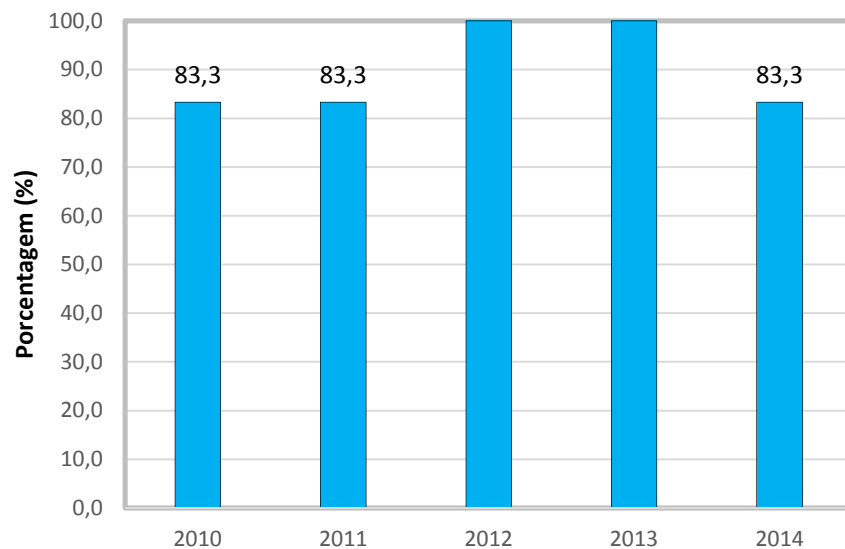


Evolução Temporal

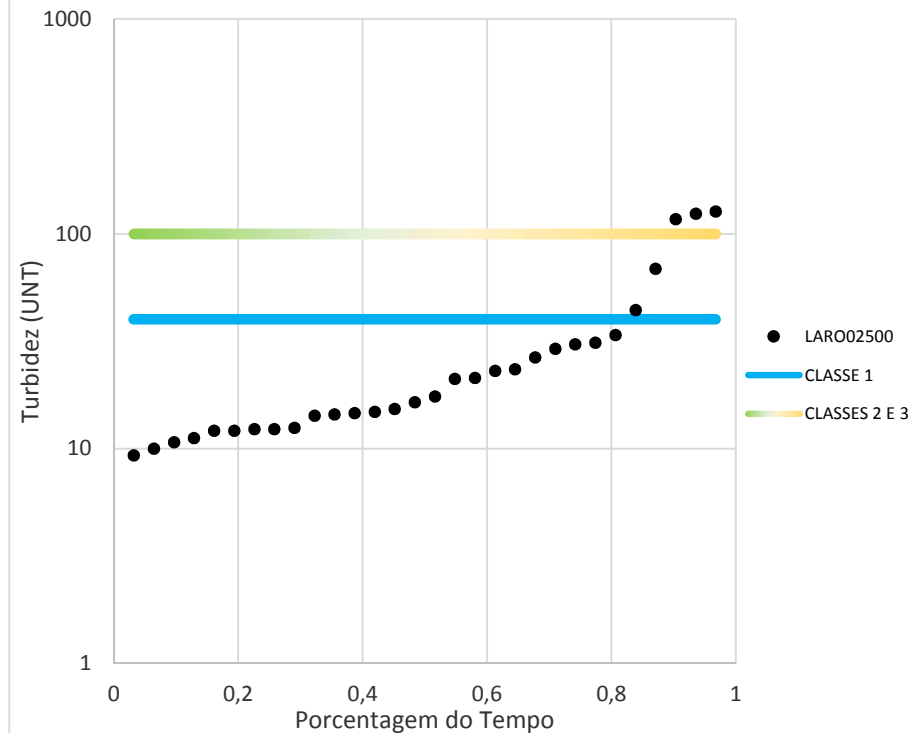


LARO 02500 – Turbidez (UNT)

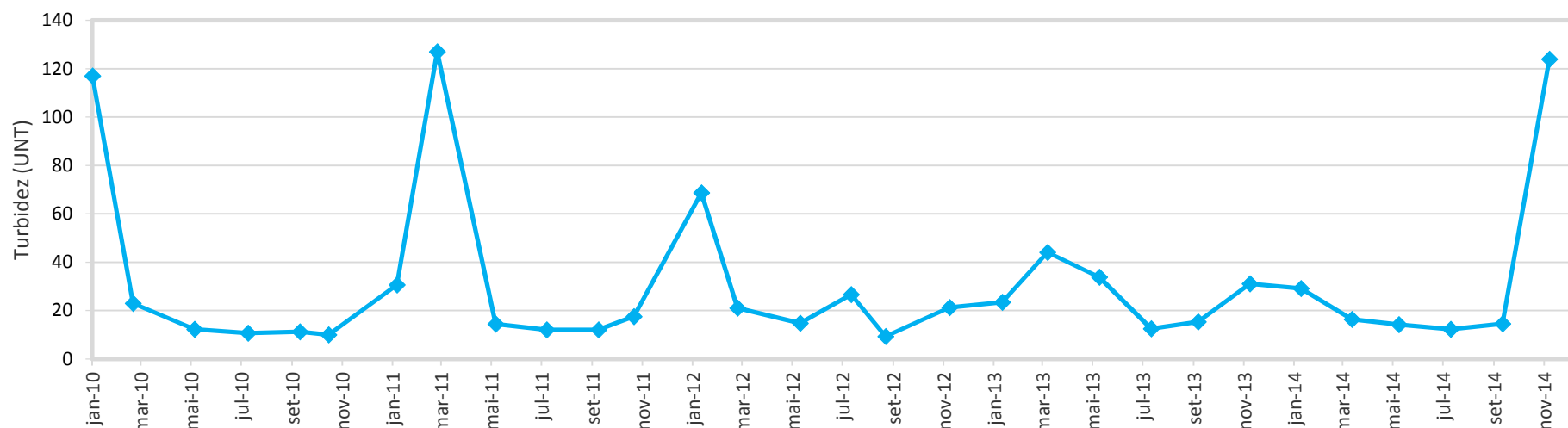
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez

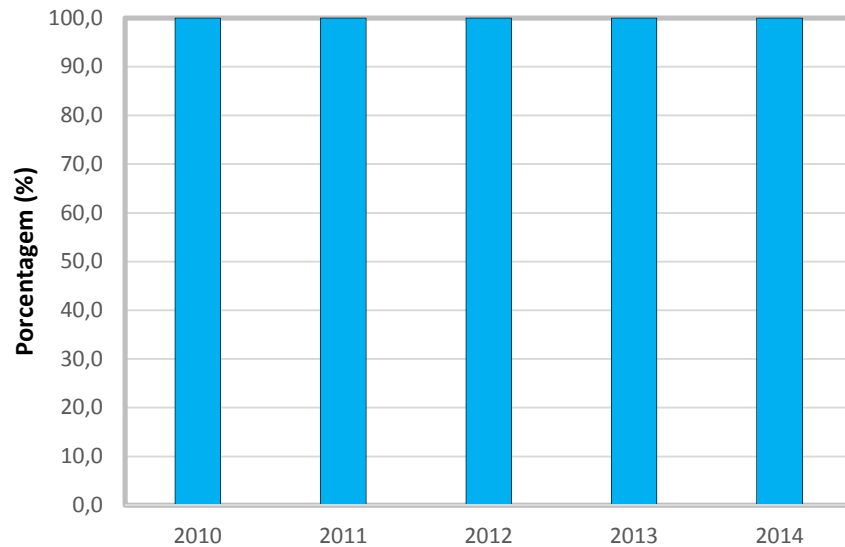


Evolução Temporal

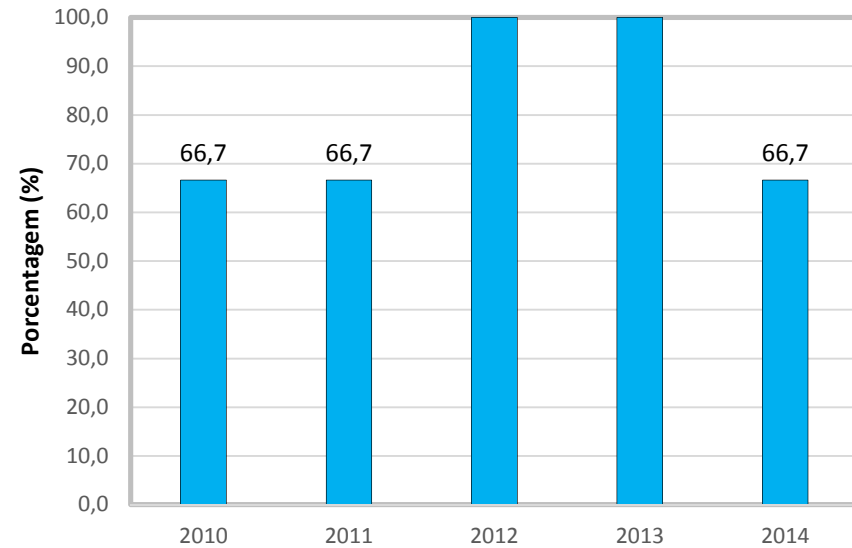


LARO 02500 – Turbidez (Período Seco x Período Chuvoso)

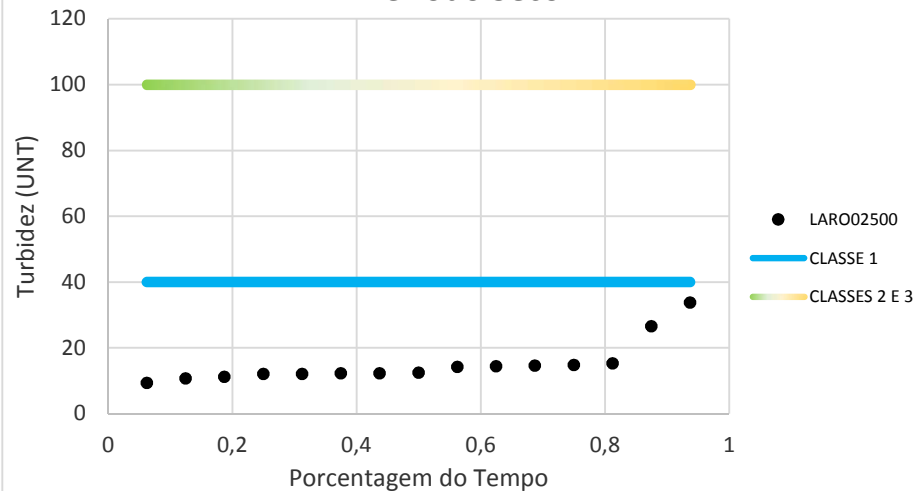
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



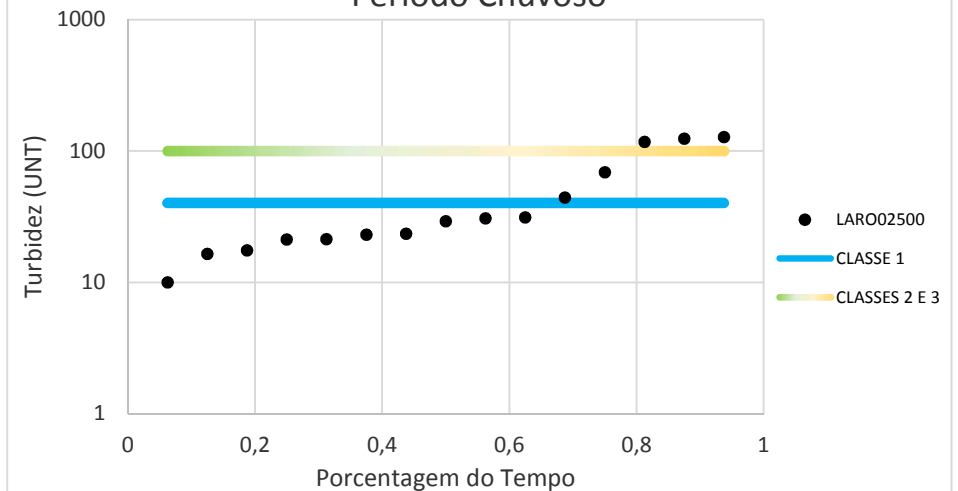
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

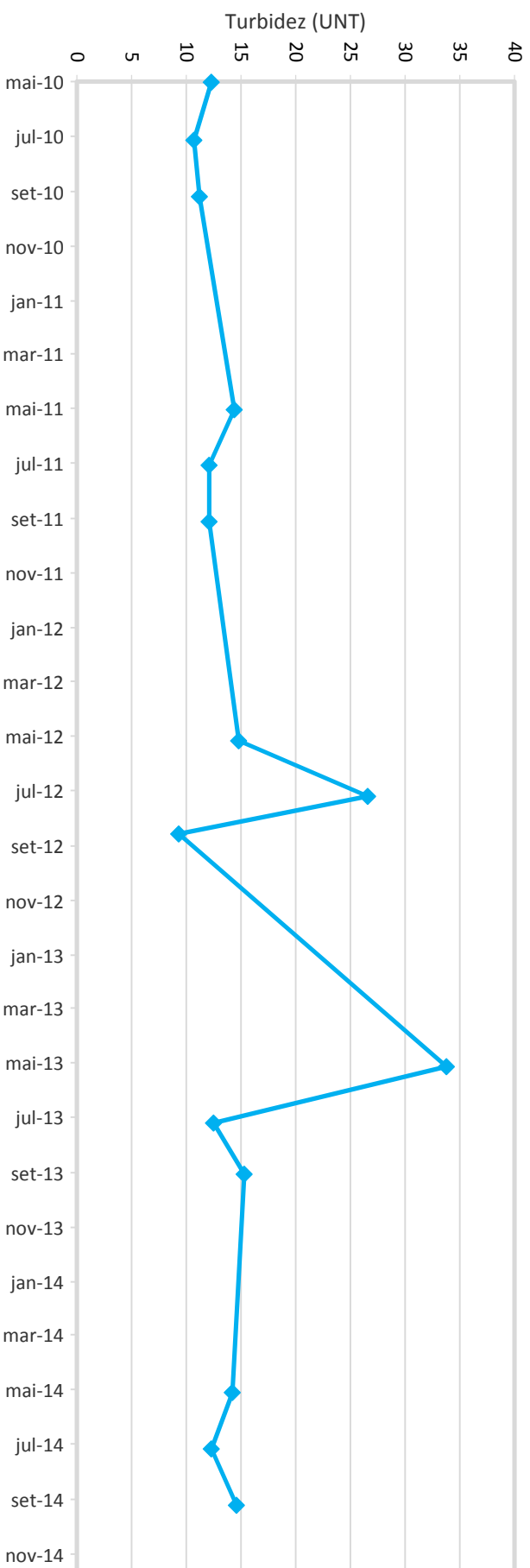


Curva de Permanência- Turbidez
Período Chuvoso

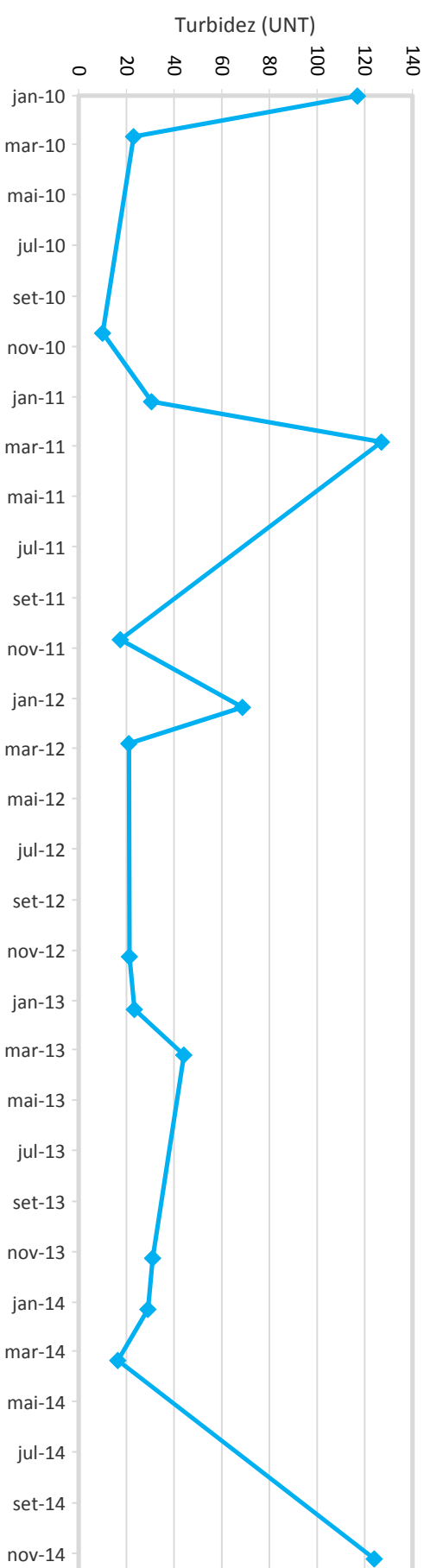


LARO 02500 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco

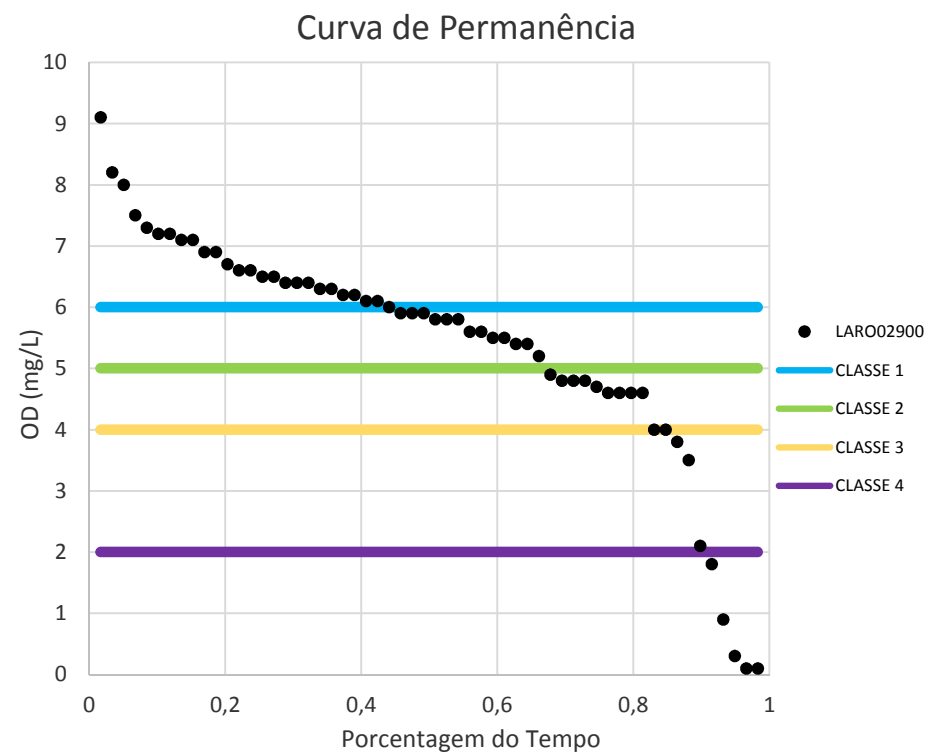
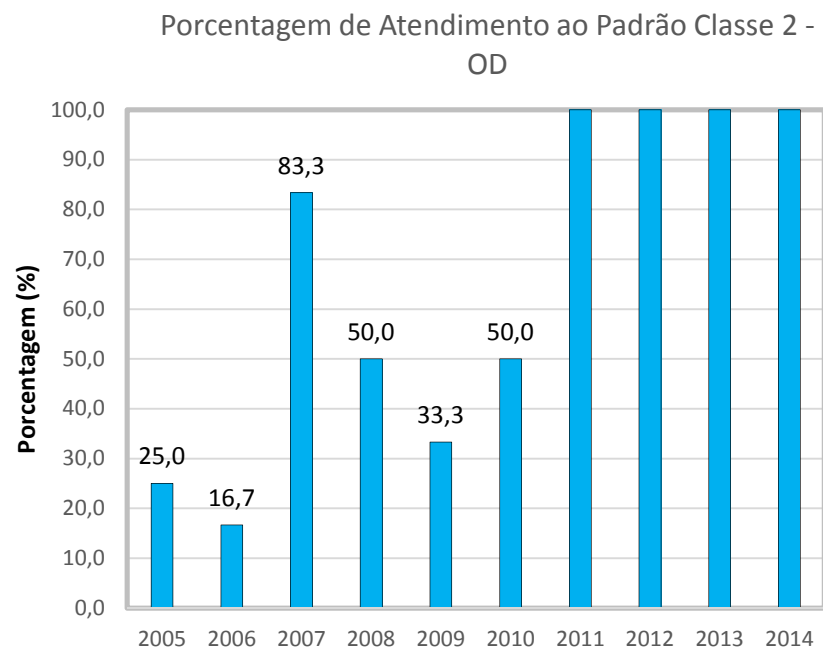


Evolução Temporal - Período Chuvoso

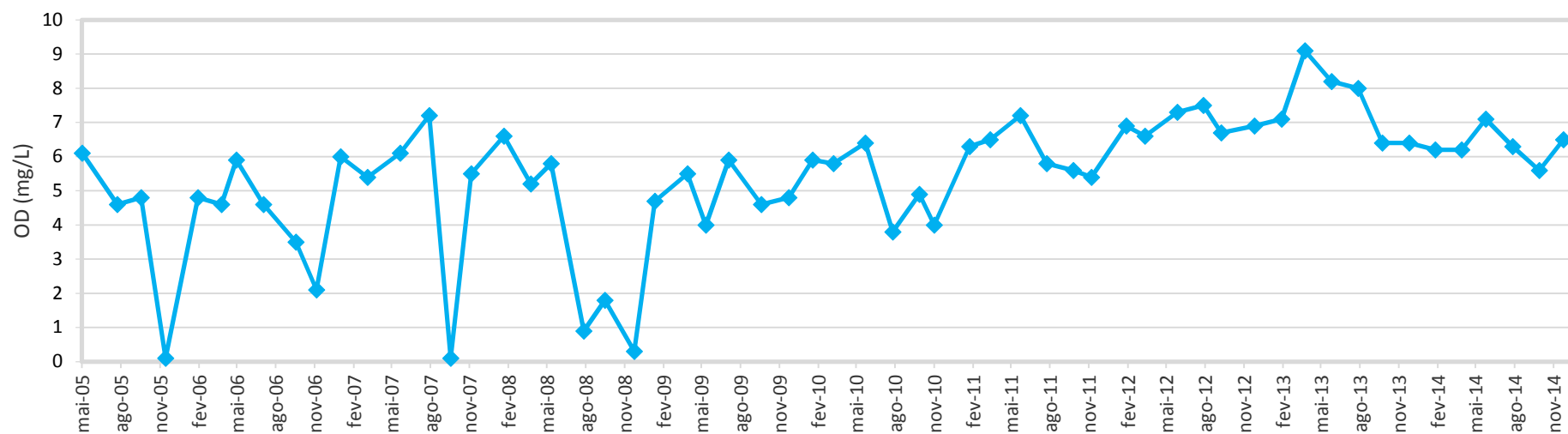


Rio Claro
LARO 02900

LARO 02900 – Oxigênio Dissolvido (mg/L)

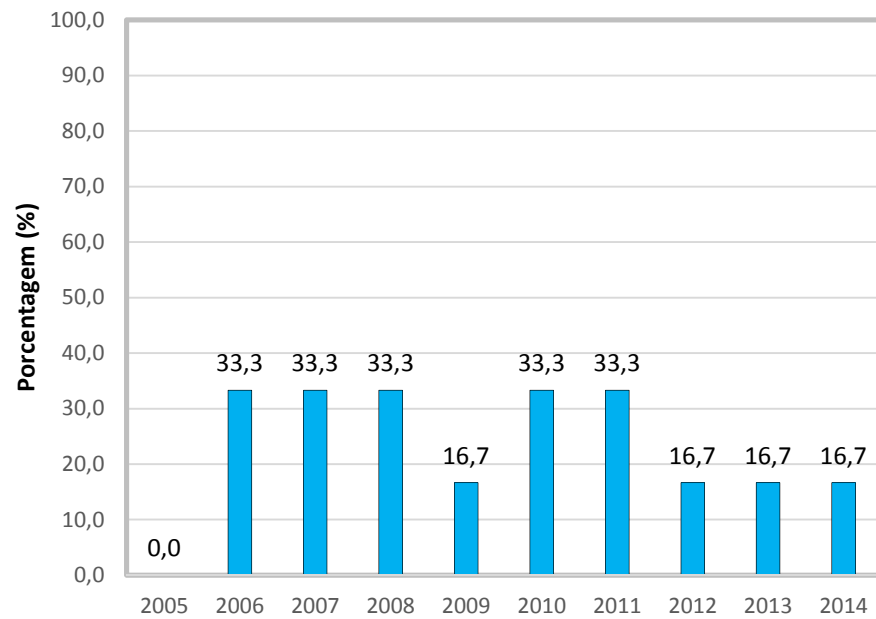


Evolução Temporal

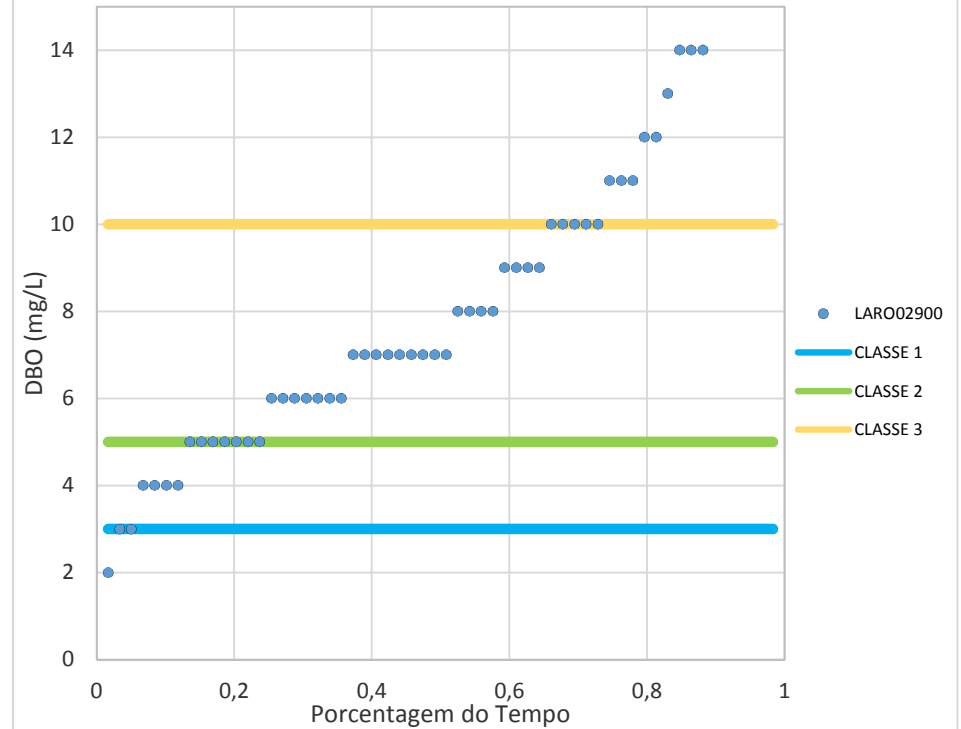


LARO 02900 – DBO (mg/L)

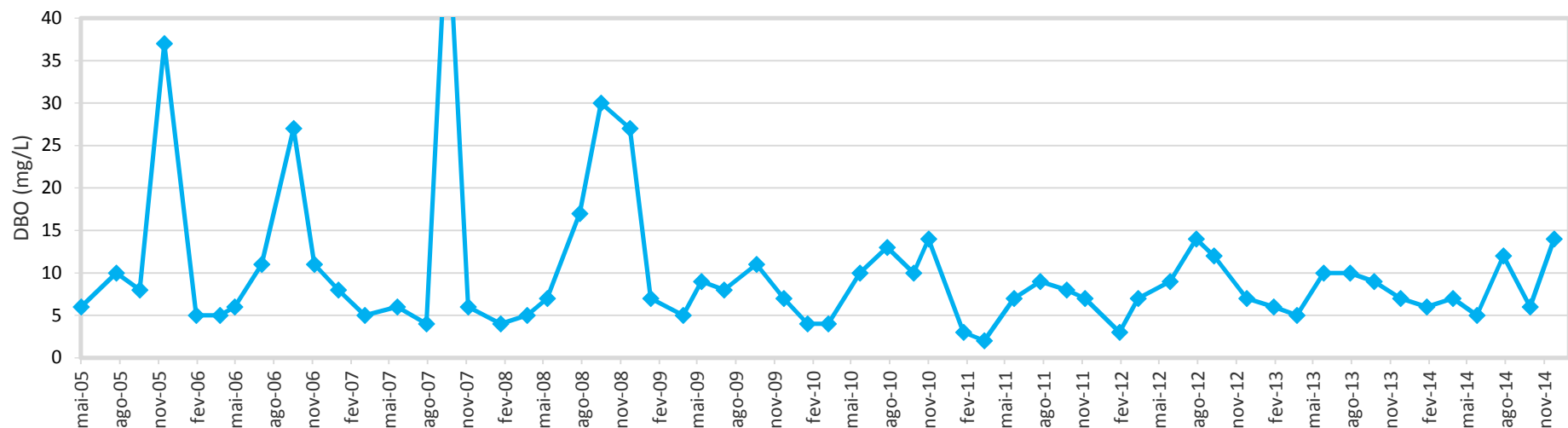
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

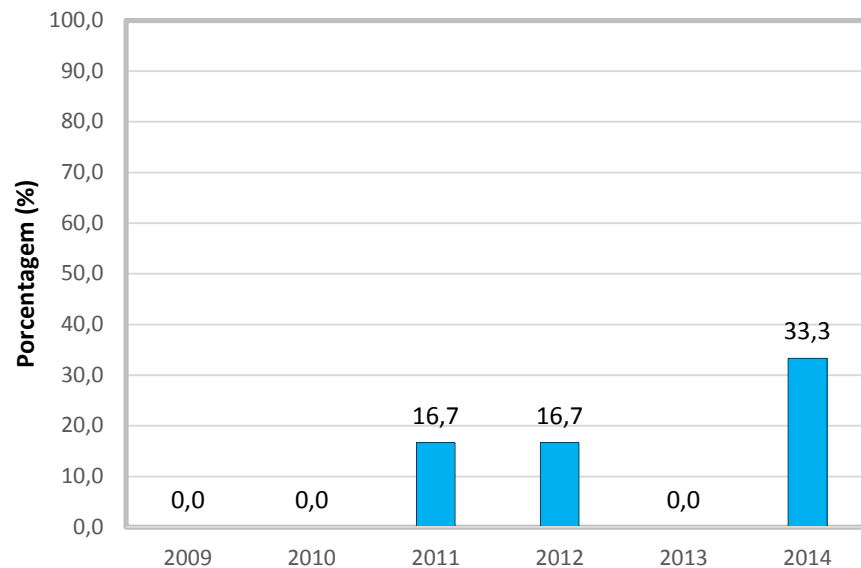


Evolução Temporal

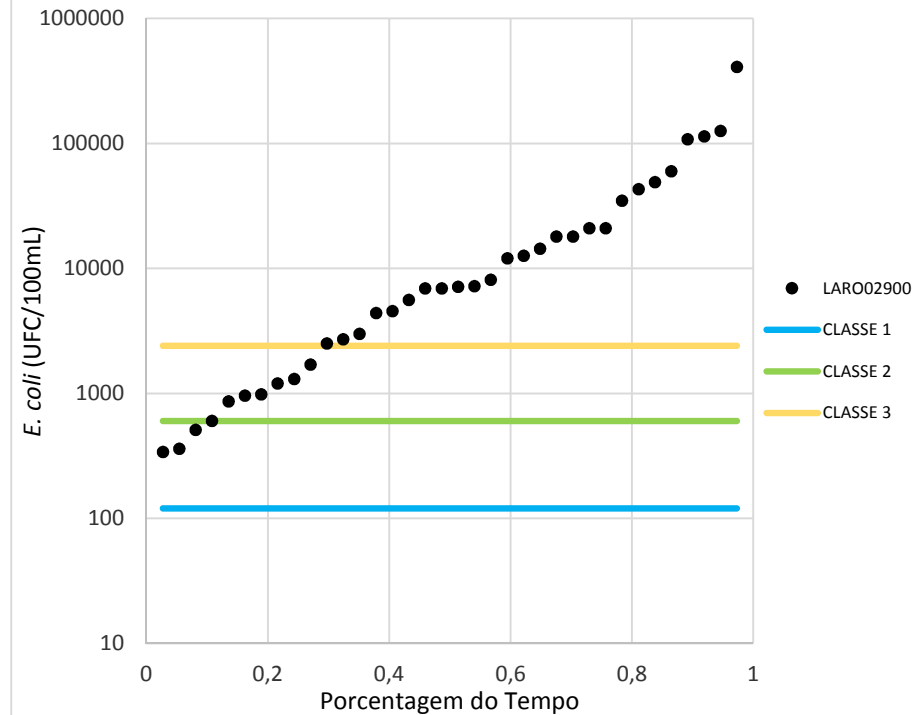


LARO 02900 – *Escherichia coli* (UFC/100mL)

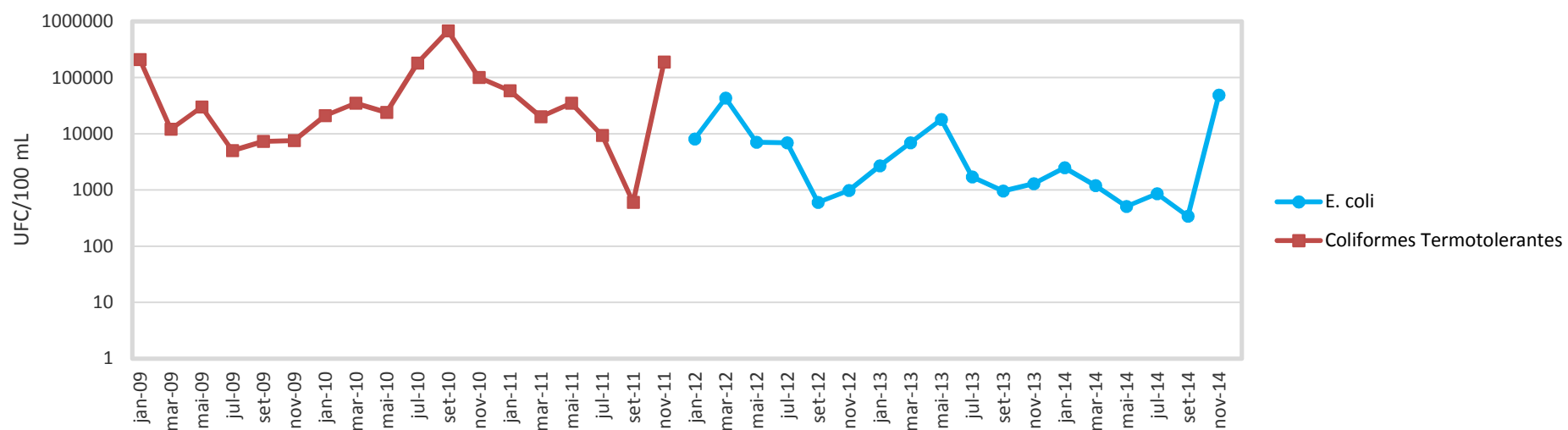
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

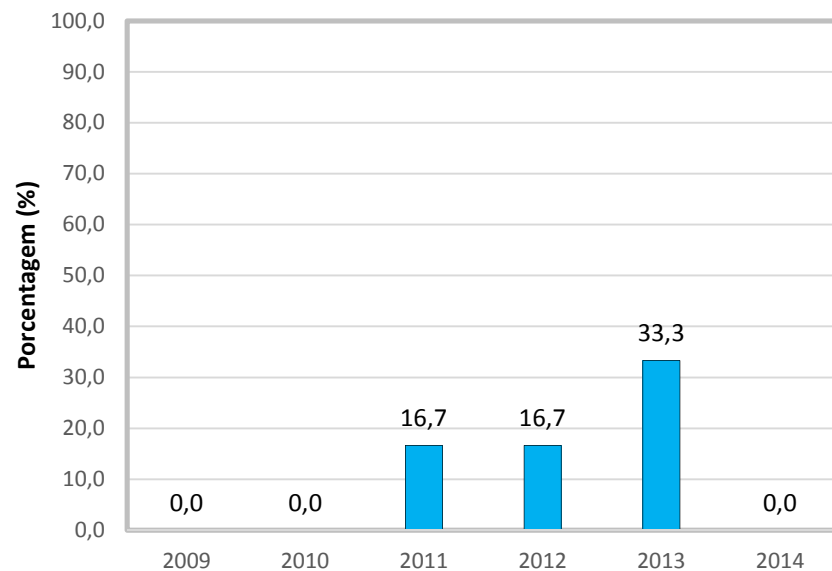


Evolução Temporal

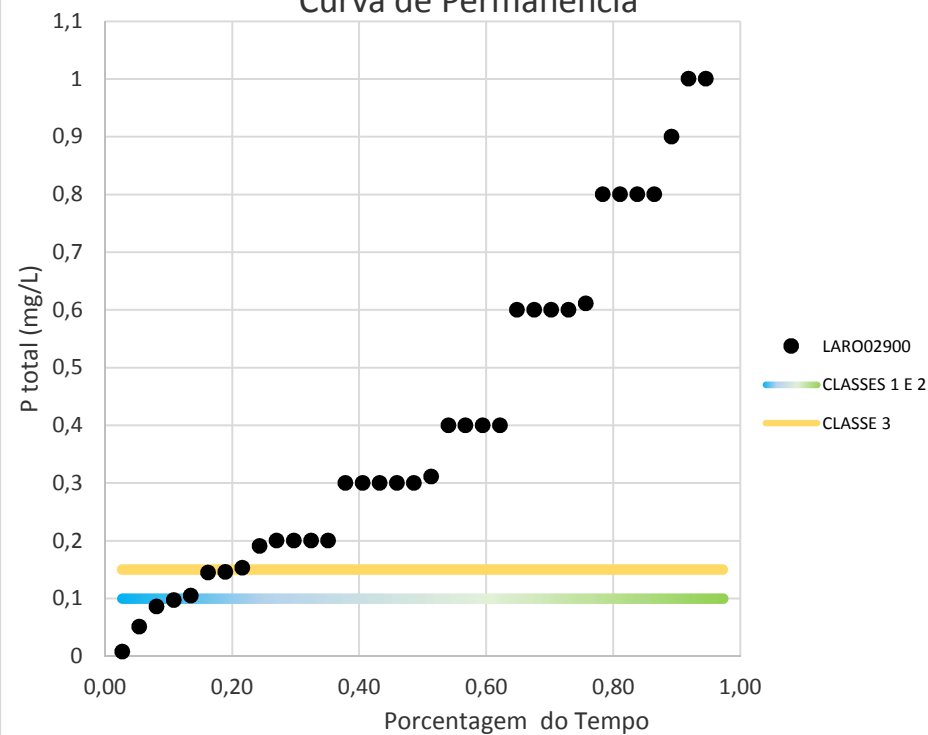


LARO 02900 – Fósforo Total (mg/L)

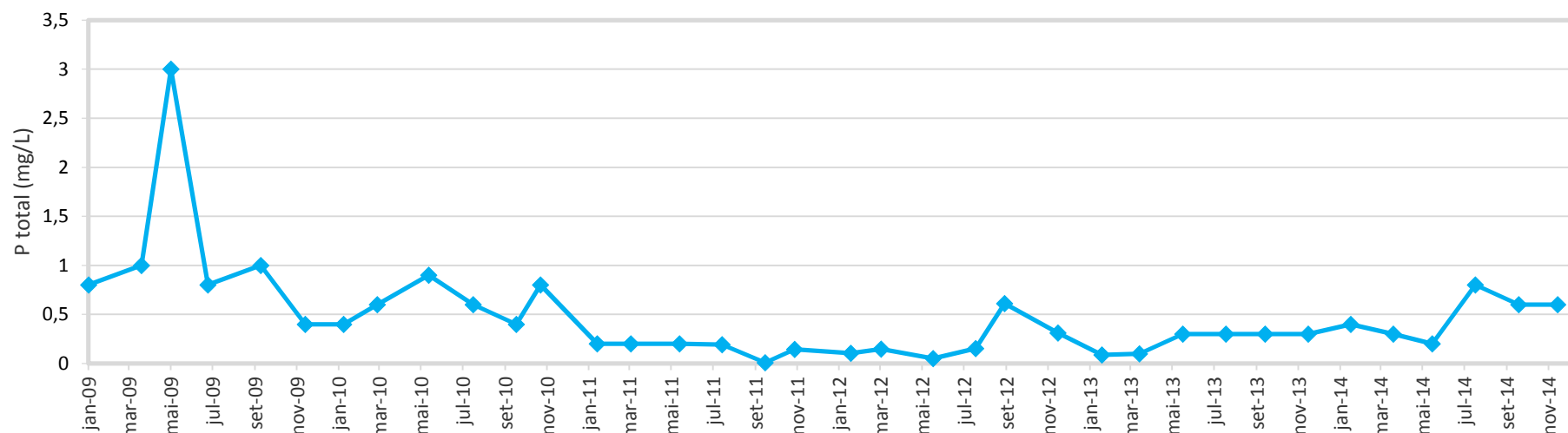
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

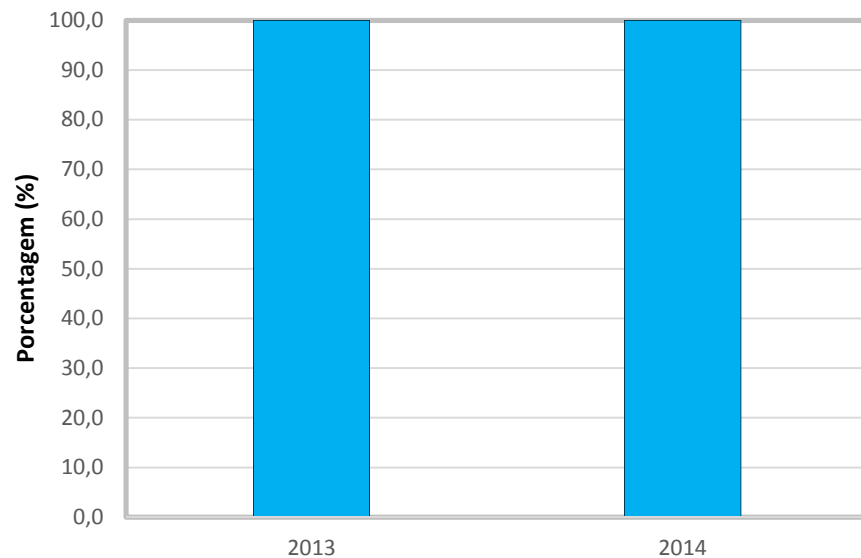


Evolução Temporal

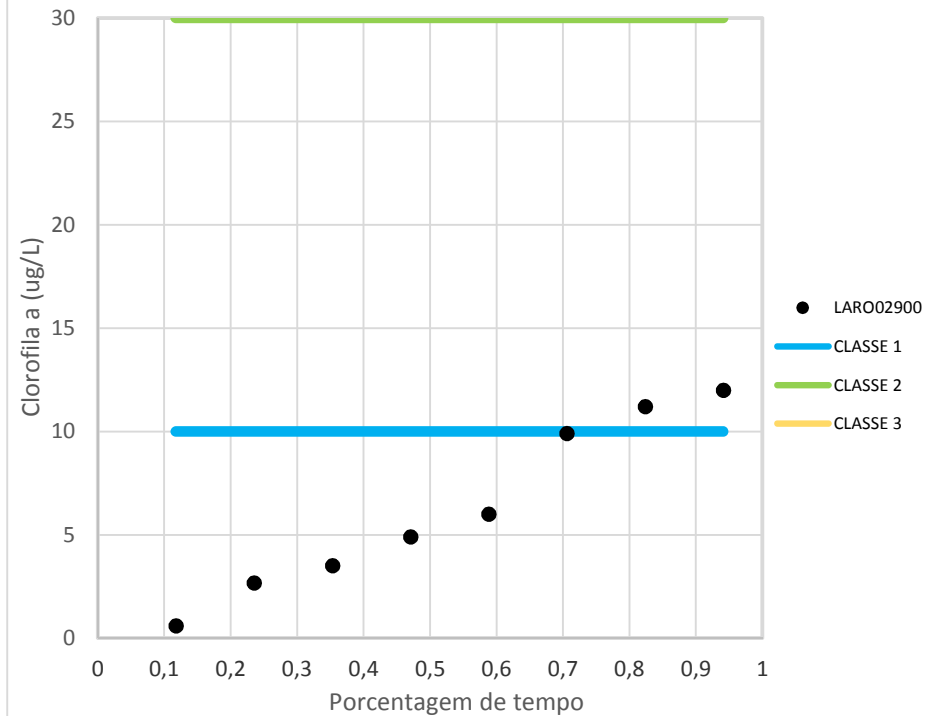


LARO 02900 – Clorofila a ($\mu\text{g/L}$)

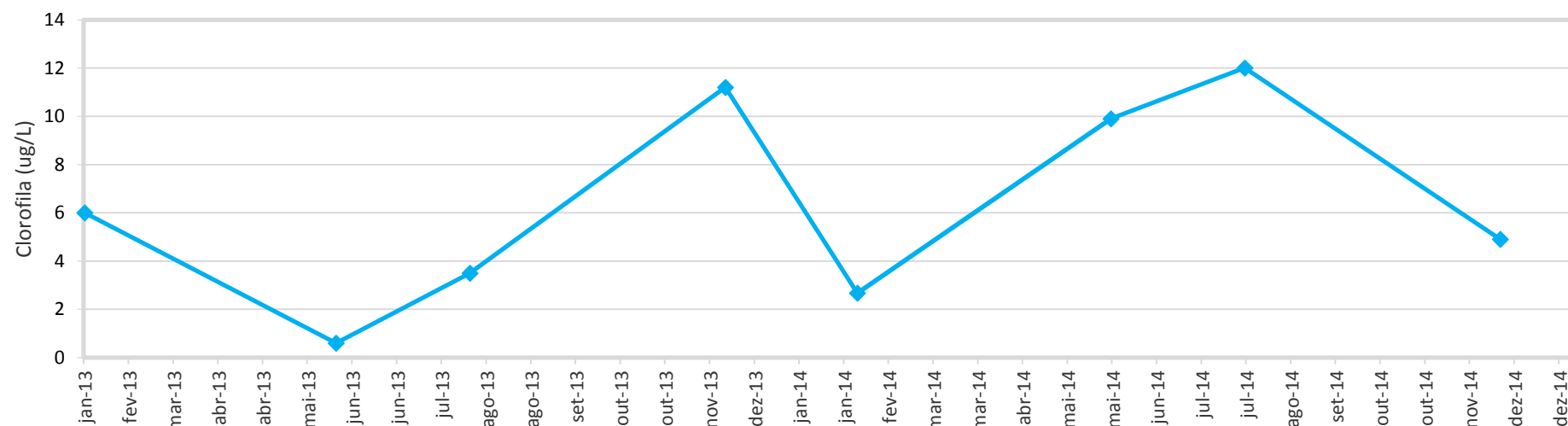
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-a



Curva de Permanência

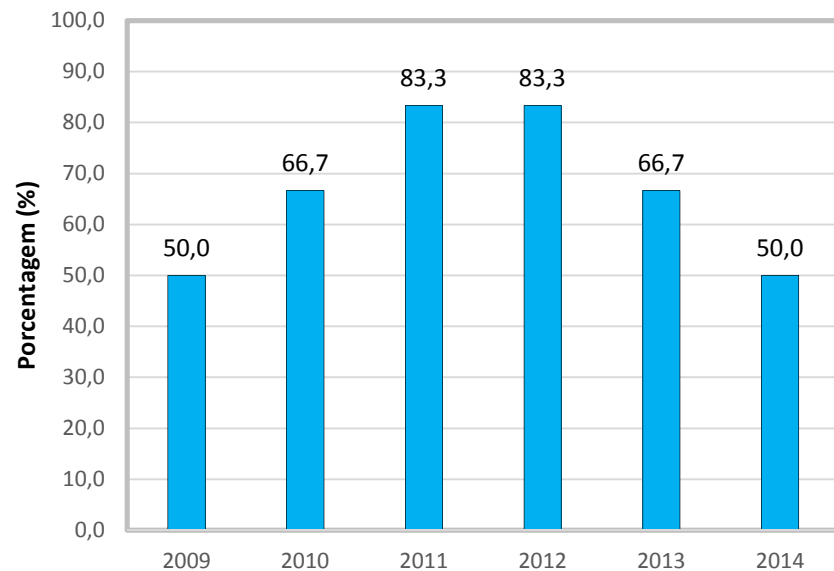


Evolução Temporal

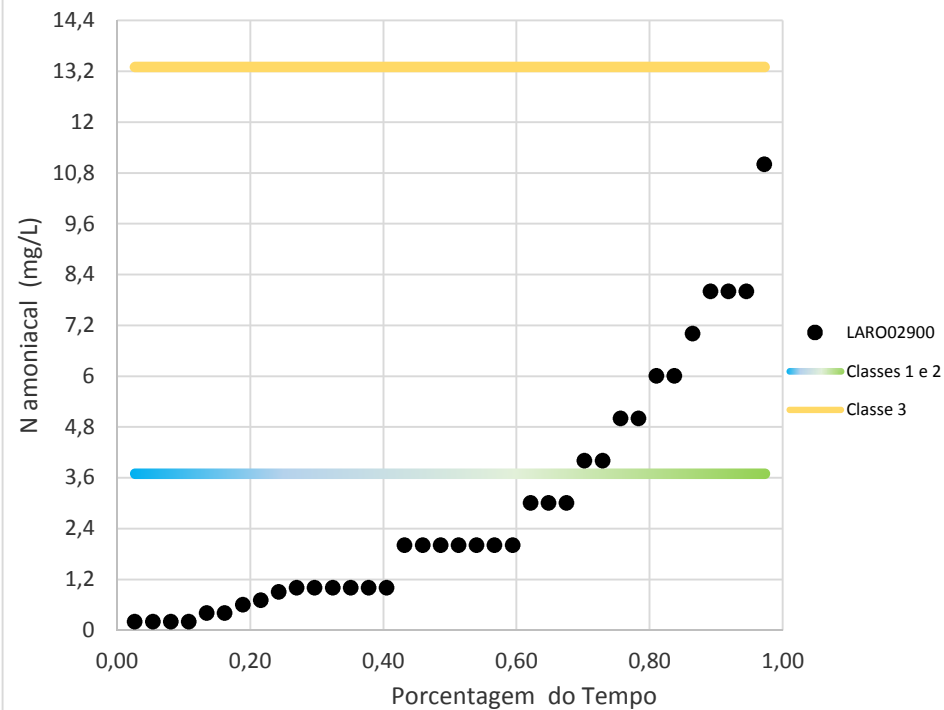


LARO 02900 – Nitrogênio Amoniacal (mg/L)

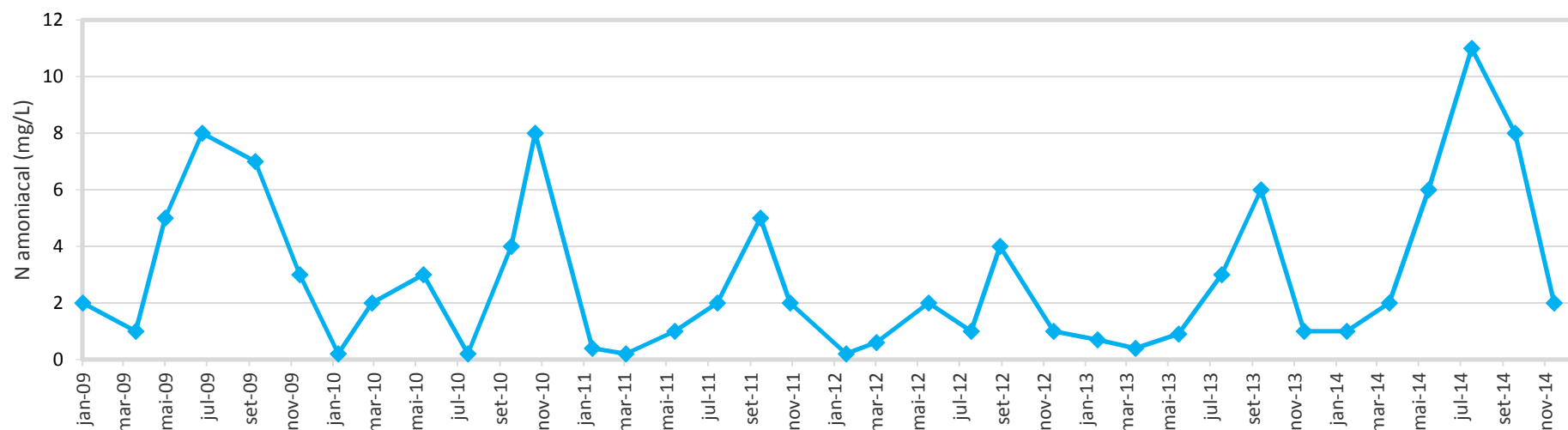
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

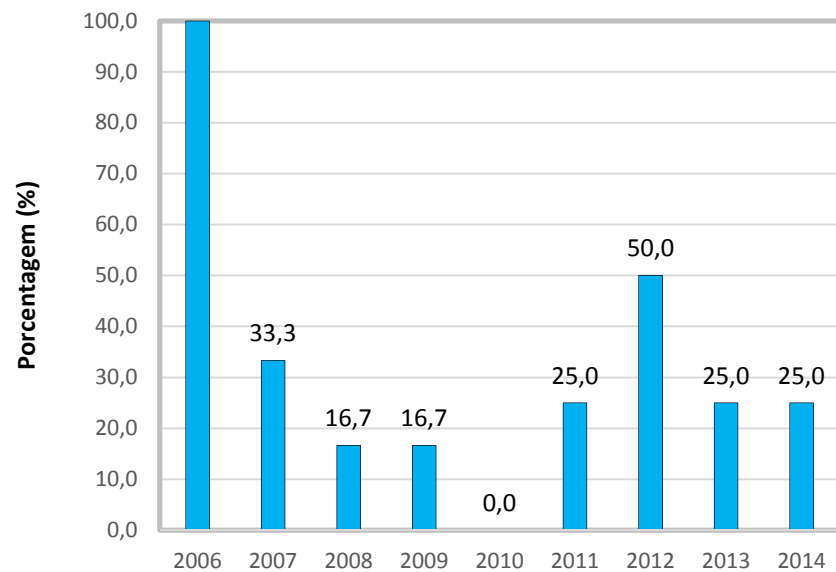


Evolução Temporal

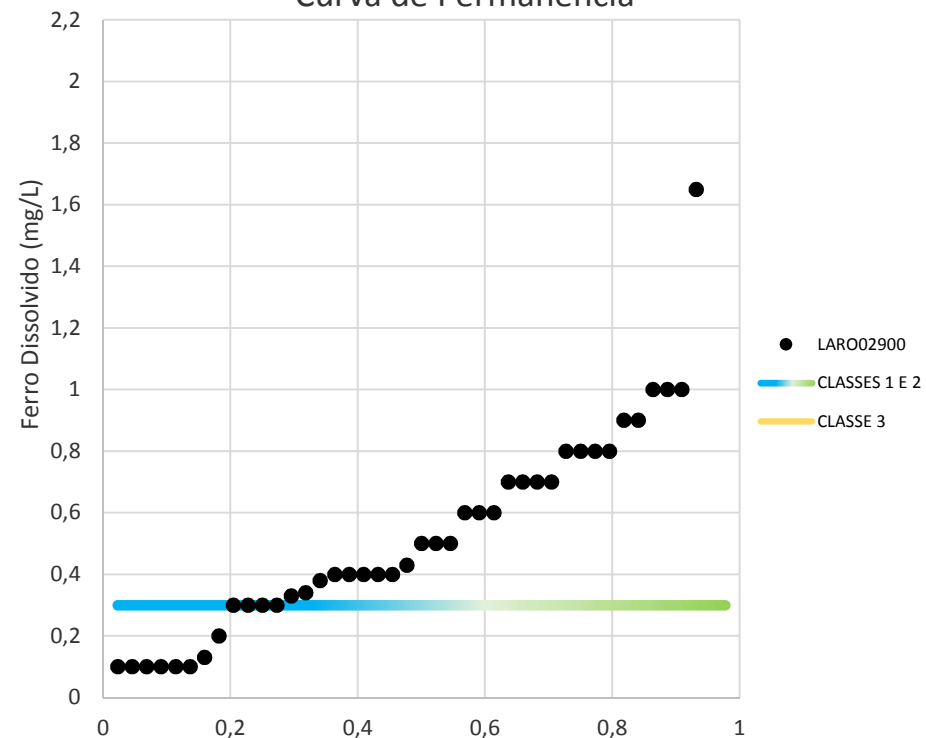


LARO 02900 – Ferro Dissolvido (mg/L)

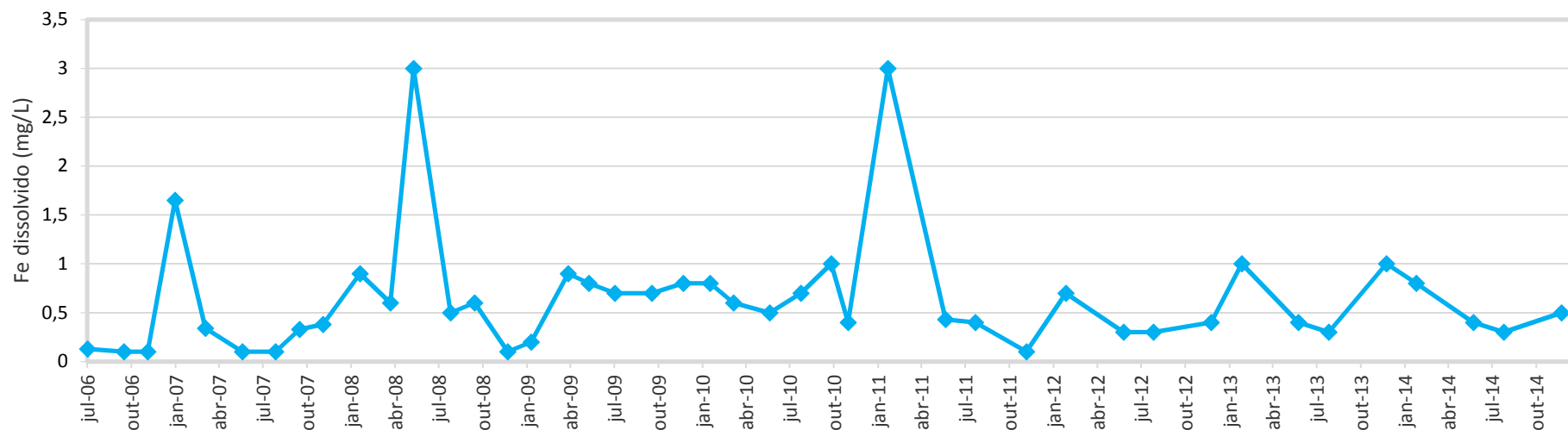
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



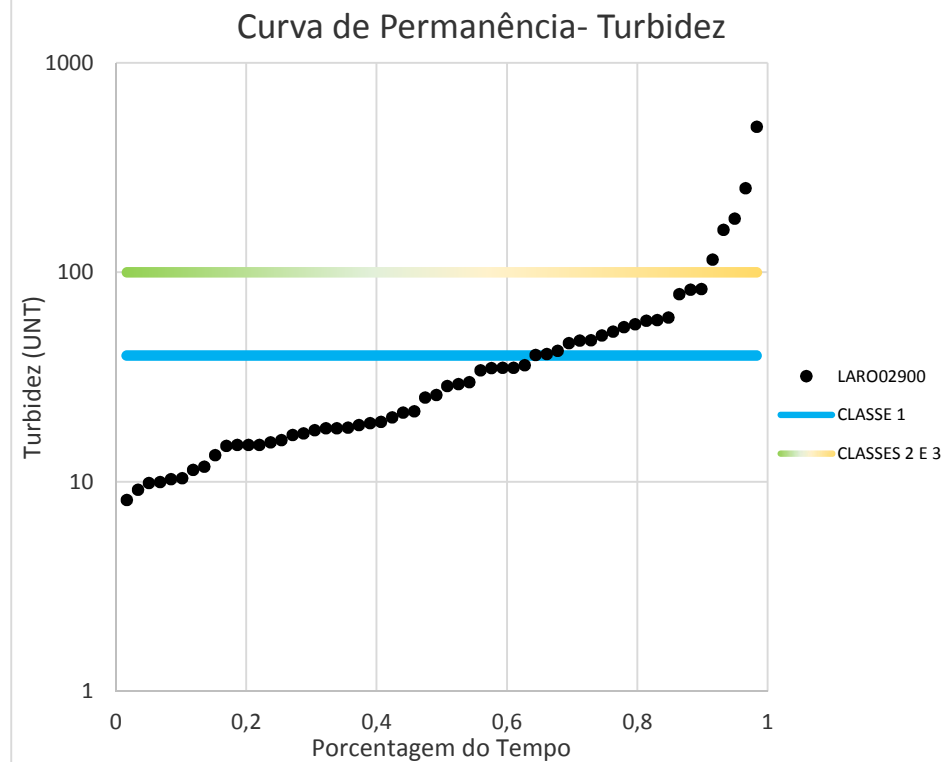
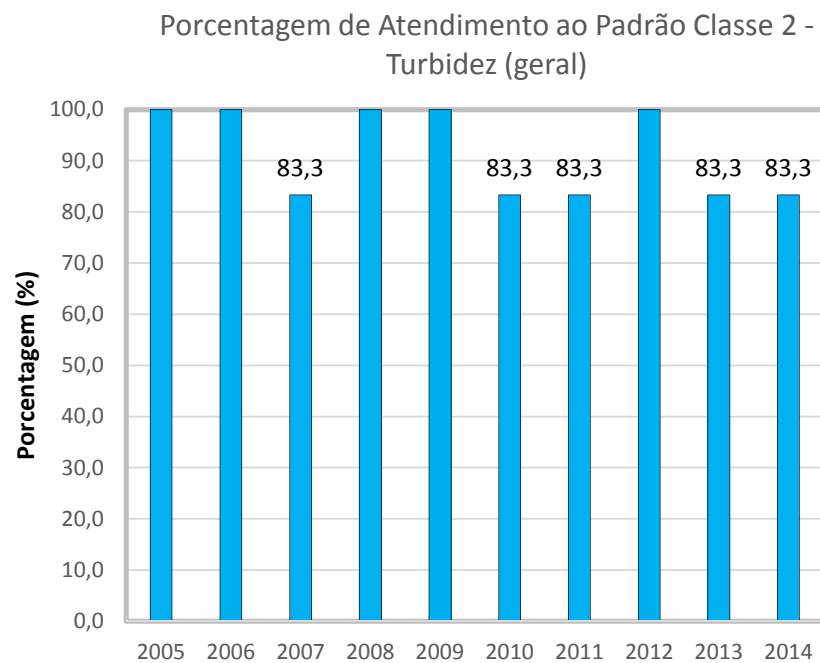
Curva de Permanência



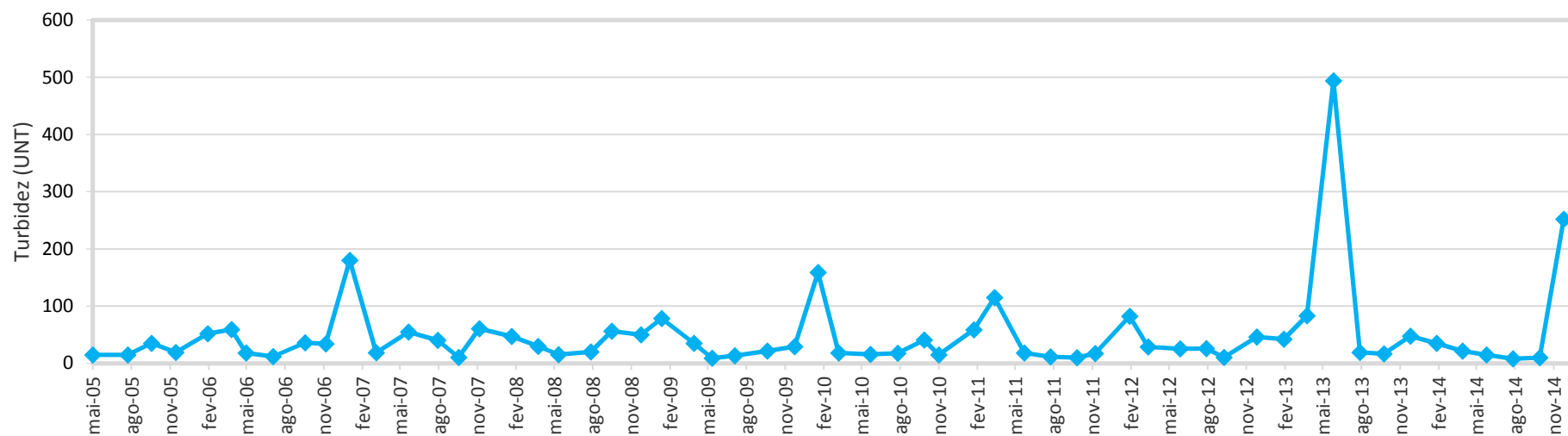
Evolução Temporal



LARO 02900 – Turbidez (UNT)

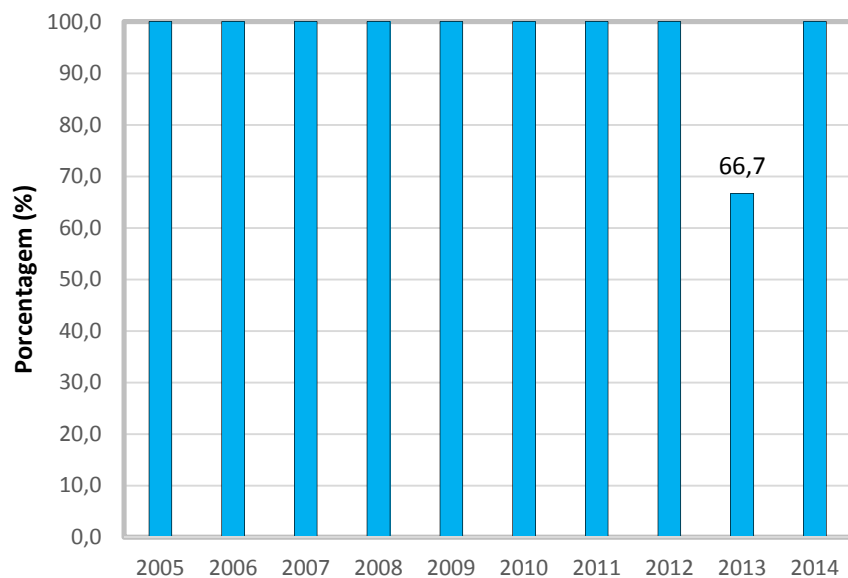


Evolução Temporal

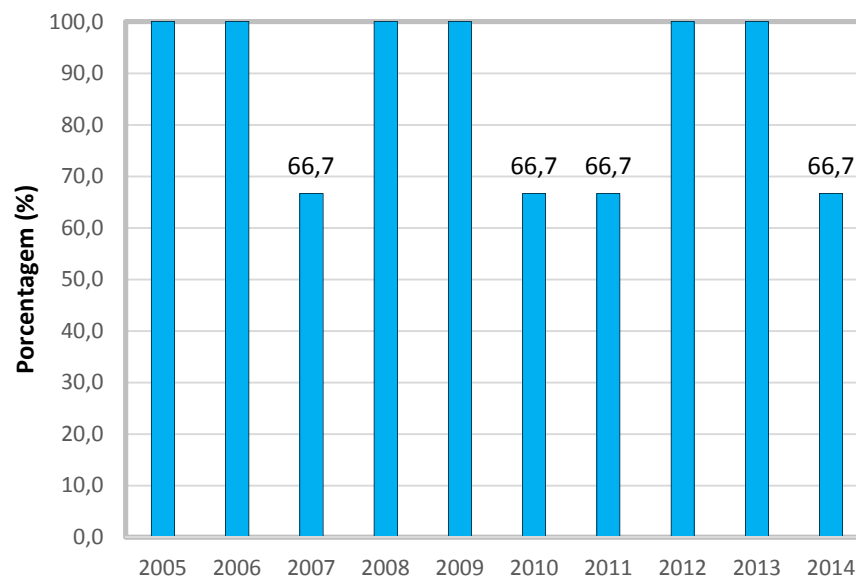


LARO 02900 – Turbidez (Período Seco x Período Chuvoso)

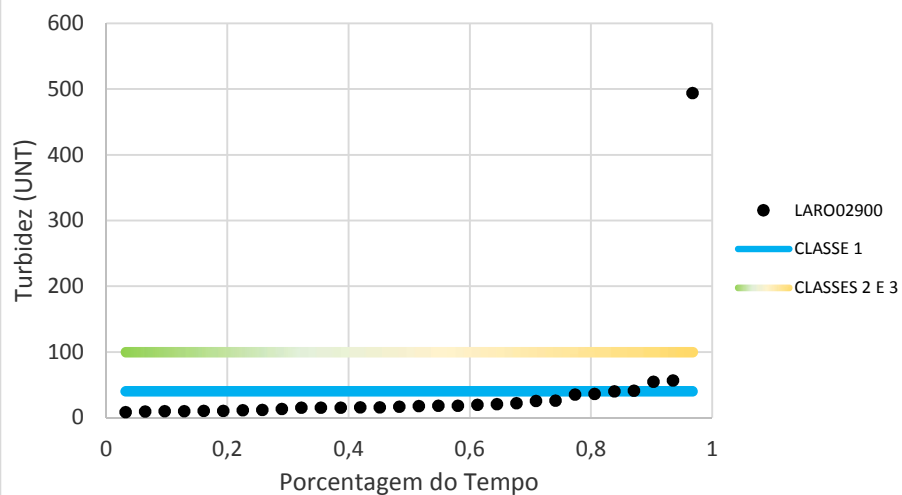
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



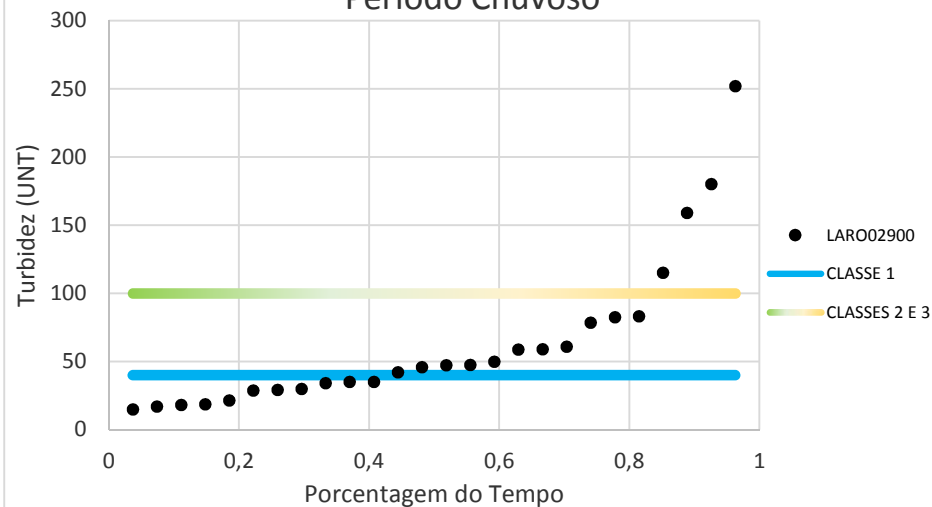
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

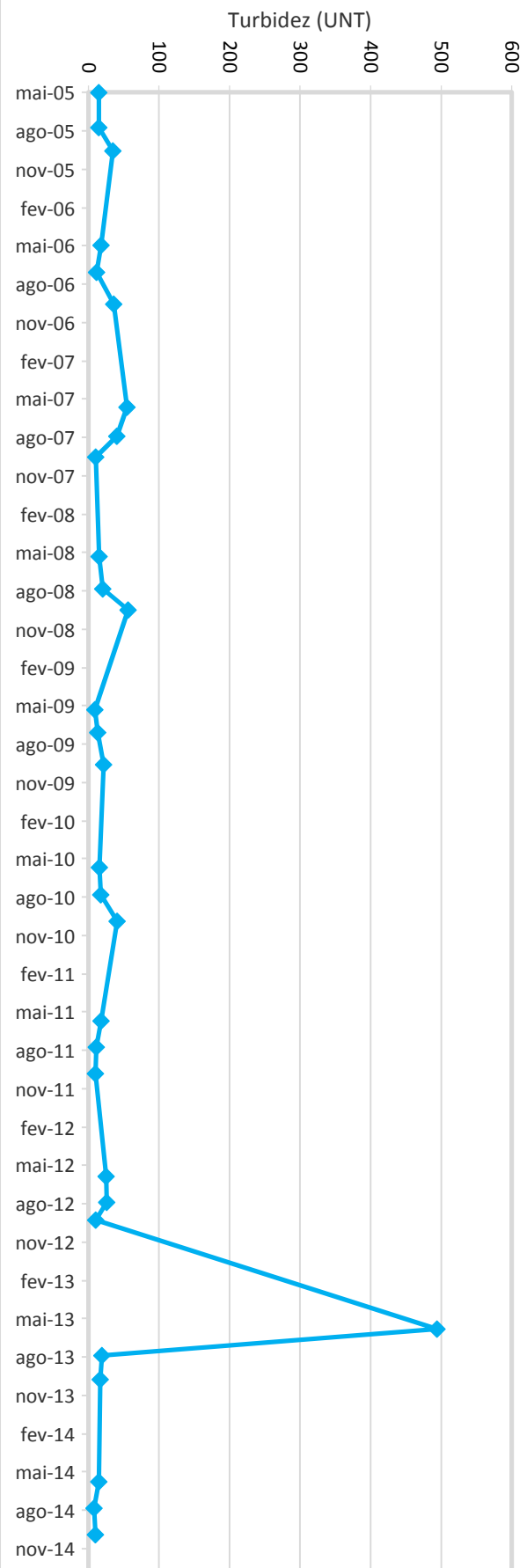


Curva de Permanência- Turbidez
Período Chuvoso

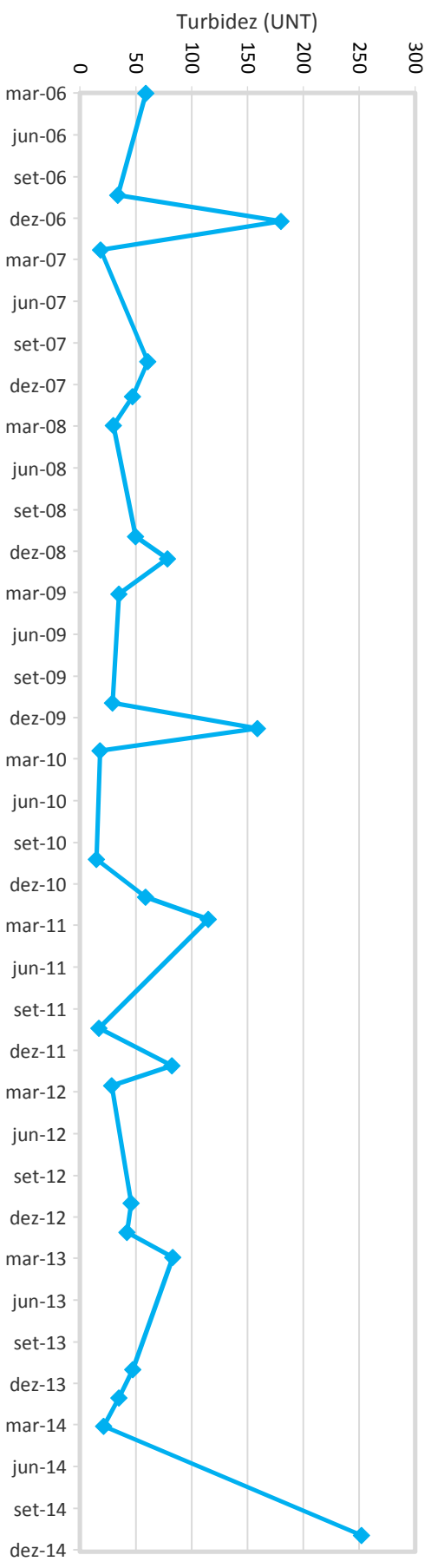


LARO 02900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



Evolução Temporal - Período Chuvoso



RESUMO

Tabela Resumo – Matéria Orgânica

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Oxigênio Dissolvido	CRUM02050	99	100	100	100
	CRUM02080	90	93	97	100
	CRUM02100	93	98	99	100
	CRUM02200	27	60	81	100
	CRUM02300	44	78	89	100
	CRUM02500	38	77	93	99
	CRUM02900	40	74	85	100
	GERT02200	47	65	81	96
	GERT02500	57	72	100	100
	LARO02500	60	87	97	100
	LARO02900	45	67	86	91
	PCAB02100	18	46	75	96
	PCAB02135	2	12	30	64
	PCAB02192	0	0	8	43
	PCAB02220	1	3	10	68
	PCAB02300	64	88	91	98
	PCAB02800	10	30	54	84
	PCBP02500	53	78	97	100
	PIMIO2900	62	90	98	100
	QUIL03200	0	1	3	11
	QUIL03900	54	79	85	96
	TATU04850	2	12	21	30
	TIJU02900	3	4	5	16
	TOLE03900	17	32	41	60

Tabela Resumo – Matéria Orgânica

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
DBO (5, 20)	CRUM02050	100	100	100	
	CRUM02080	93	100	100	
	CRUM02100	93	98	100	
	CRUM02200	4	30	92	
	CRUM02300	30	78	96	
	CRUM02500	32	74	96	
	CRUM02900	15	56	91	
	GERT02200	99	100	100	
	GERT02500	98	100	100	
	LARO02500	97	100	100	
	LARO02900	5	24	74	
	PCAB02100	58	94	99	
	PCAB02135	4	31	86	
	PCAB02192	9	57	90	
	PCAB02220	10	56	80	
	PCAB02300	1	20	79	
	PCAB02800	3	19	86	
	PCBP02500	80	92	98	
	PIMI02900	2	9	59	
	QUIL03200	0	6	27	
	QUIL03900	0	1	20	
	TATU04850	1	1	11	
	TIJU02900	0	0	1	
	TOLE03900	4	12	46	

Tabela Resumo - Nutrientes

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Nitrogênio Amoniacal	CRUM02050	100	100	100	
	CRUM02080	100	100	100	
	CRUM02100	100	100	100	
	CRUM02200	90	90	100	
	CRUM02300	89	89	100	
	CRUM02500	98	98	100	
	CRUM02900	99	99	100	
	GERT02200	97	97	100	
	GERT02500	100	100	100	
	LARO02500	97	97	100	
	LARO02900	67	67	100	
	PCAB02100	100	100	100	
	PCAB02135	92	92	99	
	PCAB02192	88	88	99	
	PCAB02220	89	89	100	
	PCAB02300	81	81	94	
	PCAB02800	93	93	100	
	PCBP02500	98	98	98	
	PIMI02900	33	33	51	
	QUIL03200	14	14	81	
	QUIL03900	28	28	63	
	TATU04850	40	40	79	
	TIJU02900	17	17	75	
	TOLE03900	50	50	75	

Tabela Resumo - Nutrientes

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Fósforo Total	CRUM02050	62	62	62	
	CRUM02080	73	73	73	
	CRUM02100	69	69	72	
	CRUM02200	19	19	23	
	CRUM02300	36	36	36	
	CRUM02500	24	24	33	
	CRUM02900	20	20	29	
	GERT02200	61	61	61	
	GERT02500	64	64	64	
	LARO02500	80	80	80	
	LARO02900	11	11	19	
	PCAB02100	30	30	36	
	PCAB02135	8	8	11	
	PCAB02192	6	6	10	
	PCAB02220	9	9	10	
	PCAB02300	14	14	14	
	PCAB02800	11	11	16	
	PCBP02500	13	16	26	
	PIMIO2900	5	5	5	
	QUIL03200	3	3	3	
	QUIL03900	5	5	5	
	TATU04850	7	7	7	
	TIJU02900	6	6	6	
	TOLE03900	3	3	3	

Tabela Resumo - Nutrientes

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Clorofila-a	CRUM02050	100	100	100	
	CRUM02080	100	100	100	
	CRUM02100	100	100	100	
	CRUM02200	100	100	100	
	CRUM02300	100	100	100	
	CRUM02500	97	100	100	
	CRUM02900	100	100	100	
	GERT02200	100	100	100	
	GERT02500	100	100	100	
	LARO02500	100	100	100	
	LARO02900	75	100	100	
	PCAB02100	91	100	100	
	PCAB02135	69	94	100	
	PCAB02192	50	94	100	
	PCAB02220	74	98	100	
	PCAB02300	38	75	100	
	PCAB02800	75	88	100	
	PCBP02500	55	79	95	
	PIMI02900	100	100	100	
	QUIL03900	38	88	100	
	TOLE03900	75	100	100	

Tabela Resumo - Microbiológico

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Coliformes Termotolerantes / Escherichia coli	CRUM02050	23	76	94	
	CRUM02080	0	3	50	
	CRUM02100	0	10	50	
	CRUM02200	1	1	4	
	CRUM02300	0	5	29	
	CRUM02500	4	17	41	
	CRUM02900	0	1	4	
	GERT02200	19	72	94	
	GERT02500	61	89	97	
	LARO02500	7	67	90	
	LARO02900	0	11	28	
	PCAB02100	11	38	76	
	PCAB02135	1	1	2	
	PCAB02192	1	4	11	
	PCAB02220	1	1	4	
	PCAB02300	0	0	0	
	PCAB02800	1	2	9	
	PCBP02500	97	99	100	
	PIMI02900	1	3	4	
	QUIL03200	0	0	0	
	QUIL03900	0	0	1	
	TATU04850	0	0	0	
	TIJU02900	0	0	0	
	TOLE03900	0	3	3	

Tabela Resumo - Sólidos

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Ferro Dissolvido	CRUM02050	75	75	100	
	CRUM02080	50	50	100	
	CRUM02100	38	38	100	
	CRUM02200	55	55	100	
	CRUM02300	50	50	100	
	CRUM02500	45	45	100	
	CRUM02900	56	56	100	
	GERT02200	25	25	100	
	GERT02500	43	43	100	
	LARO02500	27	27	100	
	LARO02900	28	28	100	
	PCAB02100	57	57	100	
	PCAB02135	56	56	100	
	PCAB02192	63	63	98	
	PCAB02220	54	54	100	
	PCAB02300	63	63	100	
	PCAB02800	67	67	100	
	PCBP02500	62	62	100	
	PIMI02900	94	94	100	
	QUIL03200	69	69	100	
	QUIL03900	29	29	100	
	TATU04850	59	59	100	
	TIJU02900	38	38	100	
	TOLE03900	0	0	100	

Tabela Resumo - Sólidos

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Turbidez	CRUM02050	92	99	99	
	CRUM02080	67	87	87	
	CRUM02100	60	89	89	
	CRUM02200	56	77	77	
	CRUM02300	52	77	77	
	CRUM02500	54	72	72	
	CRUM02900	52	74	74	
	GERT02200	57	82	82	
	GERT02500	92	92	92	
	LARO02500	83	90	90	
	LARO02900	64	91	91	
	PCAB02100	71	93	93	
	PCAB02135	67	90	90	
	PCAB02192	71	87	87	
	PCAB02220	64	79	79	
	PCAB02300	61	79	79	
	PCAB02800	59	77	77	
	PCBP02500	82	97	97	
	PIMI02900	80	91	91	
	QUIL03200	36	85	85	
	QUIL03900	33	71	71	
	TATU04850	28	88	88	
	TIJU02900	69	88	88	
	TOLE03900	61	88	88	

Tabela Resumo: Turbidez (Seco x Chuvoso)

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Turbidez (chuvoso)	CRUM02050	87	97	97	
	CRUM02080	40	73	73	
	CRUM02100	29	83	83	
	CRUM02200	24	62	62	
	CRUM02300	23	58	58	
	CRUM02500	22	51	51	
	CRUM02900	15	51	51	
	GERT02200	44	78	78	
	GERT02500	85	85	85	
	LARO02500	67	80	80	
	LARO02900	43	86	86	
	PCAB02100	49	87	87	
	PCAB02135	44	84	84	
	PCAB02192	51	76	76	
	PCAB02220	40	64	64	
	PCAB02300	38	65	65	
	PCAB02800	31	60	60	
	PCBP02500	67	93	93	
	PIMIO2900	68	85	85	
	QUILO3200	30	83	83	
	QUILO3900	23	63	63	
	TATU04850	35	83	83	
	TIJU02900	71	89	89	
	TOLE03900	55	85	85	

Tabela Resumo: Turbidez (Seco x Chuvoso)

Variável	Ponto	% de Atendimento			
		Classe 1	Classe 2	Classe 3	Classe 4
Turbidez (seco)	CRUM02050	97	100	100	
	CRUM02080	93	100	100	
	CRUM02100	92	95	95	
	CRUM02200	88	93	93	
	CRUM02300	82	97	97	
	CRUM02500	87	93	93	
	CRUM02900	89	97	97	
	GERT02200	69	86	86	
	GERT02500	100	100	100	
	LARO02500	100	100	100	
	LARO02900	83	97	97	
	PCAB02100	93	100	100	
	PCAB02135	89	96	96	
	PCAB02192	91	98	98	
	PCAB02220	89	93	93	
	PCAB02300	85	93	93	
	PCAB02800	87	93	93	
	PCBP02500	98	100	100	
	PIMIO2900	93	98	98	
	QUIL03200	43	88	88	
	QUIL03900	43	80	80	
	TATU04850	20	93	93	
	TIJU02900	67	87	87	
	TOLE03900	68	90	90	