

Enquadramento da Bacia do PCJ



Estudo 6 – Rio Jundiaí

Elaborado pelo Setor de Águas Interiores da
CETESB

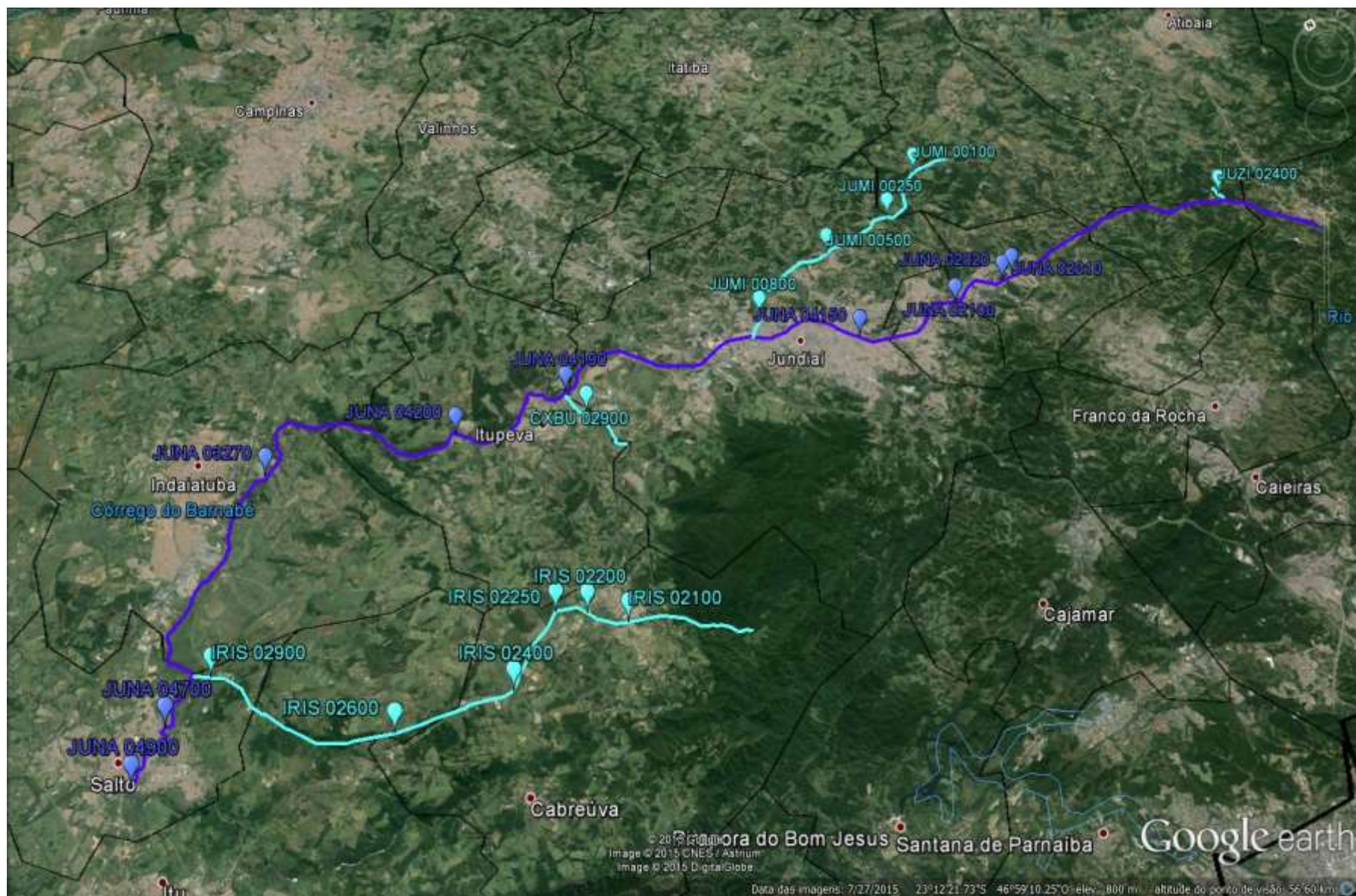
Grupo de parâmetros:

- 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



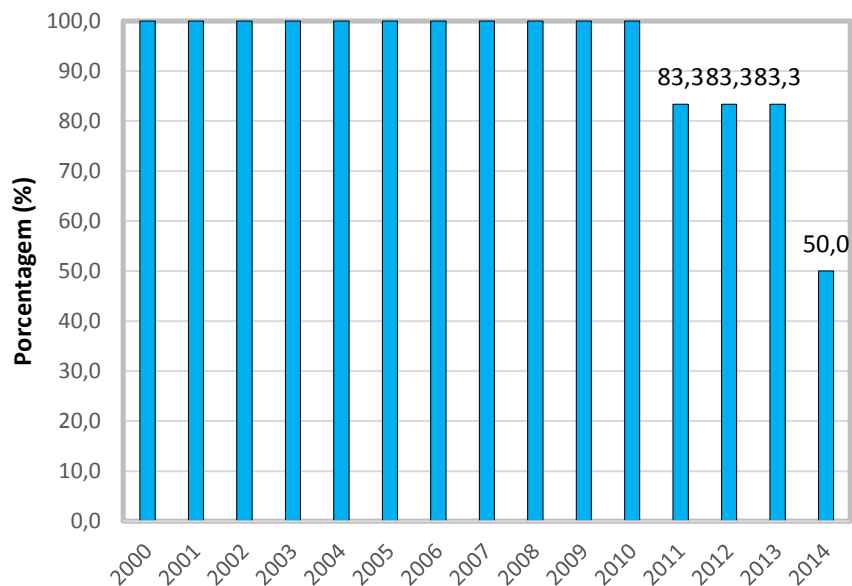
Pontos de amostragem

Corpo Hídrico	Ponto	Localização	Cidade	Latitude	Longitude
Rio Jundiaí - UGRHI 05	JUNA 02010	Na captação de Campo Limpo Paulista.	CAMPO LIMPO PAULISTA	23 12 30	46 46 07
	JUNA 02020	Ponte na Av. Aderbal da Costa Madeira, 50m a jusante do lançamento da Krupp (Ind. Siderúrgica).	CAMPO LIMPO PAULISTA	23 12 22	46 47 02
	JUNA 02100	Estrada da Várzea, número 3001.	CAMPO LIMPO PAULISTA	23 12 29	46 48 30
	JUNA 04150	Na Passarela em frente à Vulcabrás - Av. Antônio Frederico Ozana nº 1440.	VÁRZEA PAULISTA	23 11 52	46 51 59
	JUNA 04190	Ponte de acesso à Akso Nobel, em Itupeva.	ITUPEVA	23 08 49	47 01 22
	JUNA 04200	Ponte sobre o Rio Jundiaí, na estrada do Bairro Monte Serrat.	ITUPEVA	23 08 18	47 05 05
	JUNA 03270	Na ponte de concreto, logo após a estrada de ferro, no distrito de Itaici, em Indaiatuba.	INDAIATUBA	23 06 30	47 10 49
	JUNA 04700	Ponte no Jardim das Nações, em Salto.	SALTO	23 11 42	47 16 07
	JUNA 04900	Na área urbana de Salto. Ponte na Praça Álvaro Guião, próximo à foz com o Rio Tietê,	SALTO	23 12 36	47 17 28
Ribeirao do Caxambu	CXBU 02900	Na captação de Itupeva.	ITUPEVA	23 09 51	47 00 54
Ribeirão Jundiaí-Mirim	JUMI 00100	No bairro Pitangal, em Jarinu.	JARINU	23 07 18	46 46 15
	JUMI 00250	Ponte na Estrada Jundiaí/Jarinu, em frente ao Condomínio Campo Verde.	JUNDIAÍ	23 08 47	46 48 22
	JUMI 00500	Ponte a jusante da Cereser.	JUNDIAÍ	23 08 43	46 51 04
	JUMI 00800	Na captação de Jundiaí.	JUNDIAÍ	23 09 30	46 54 34
Rio Jundiazinho	JUZI 02400	Ponte na Estr. Mun. José Cintra, no bairro Portão.	ATIBAIA	23 13 46	46 37 44
Rio Pirai	IRIS 02100	Na captação de Cabreúva, no Bairro do Jacaré.	CABREÚVA	23 15 43	47 03 28
	IRIS 02200	Ponte na Rodovia Marechal Rondon, em frente à indústria Crown Cork.	CABREÚVA	23 14 52	47 04 24
	IRIS 02250	Estrada de terra, antes da indústria BIC.	CABREÚVA	23 14 24	47 05 01
	IRIS 02400	Estrada sentido Faz. Santana, após aproximadamente 500m do trevo.	CABREÚVA	23 15 44	47 07 13
	IRIS 02600	Rodovia Marechal Rondon, altura do km 91, nos fundos da Olaria Tijolar.	CABREÚVA	23 15 23	47 10 34
	IRIS 02900	Na barragem de captação dos municípios de Salto e Indaiatuba.	INDAIATUBA	23 11 12	47 14 44

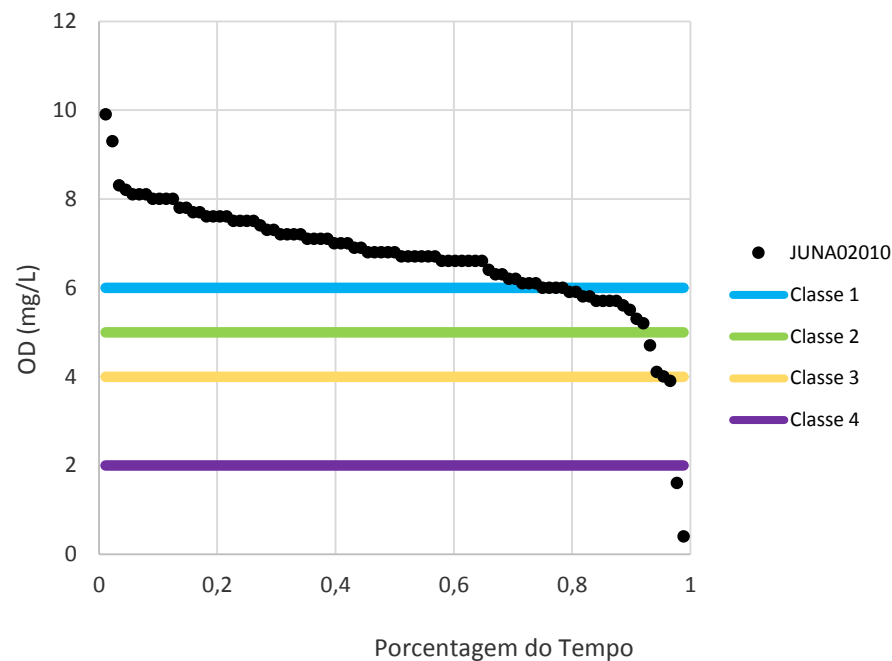
Rio Jundiaí
JUNA 02010

JUNA 02010 – Oxigênio Dissolvido (mg/L)

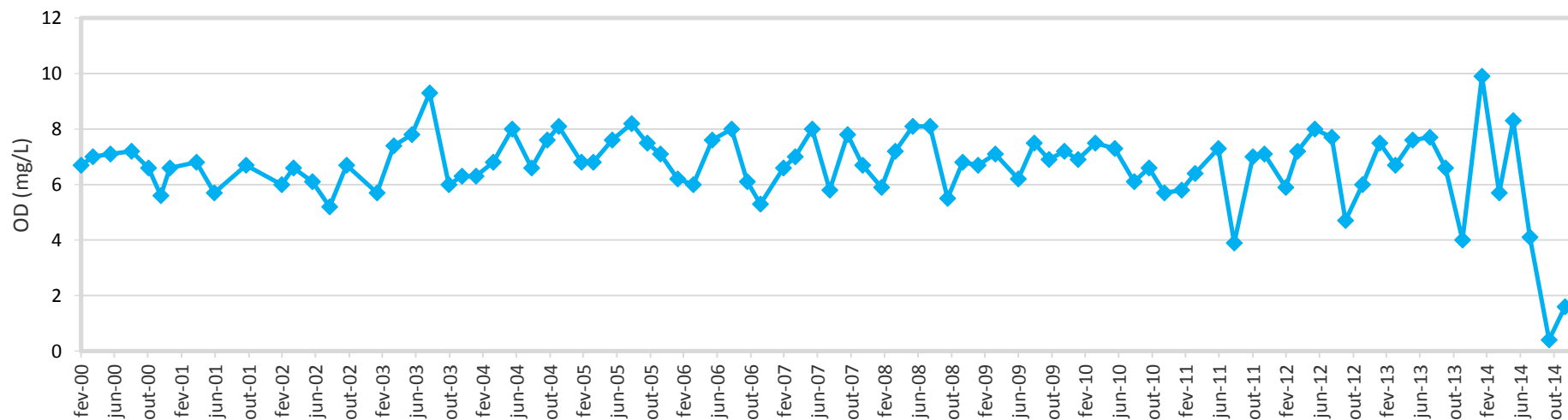
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

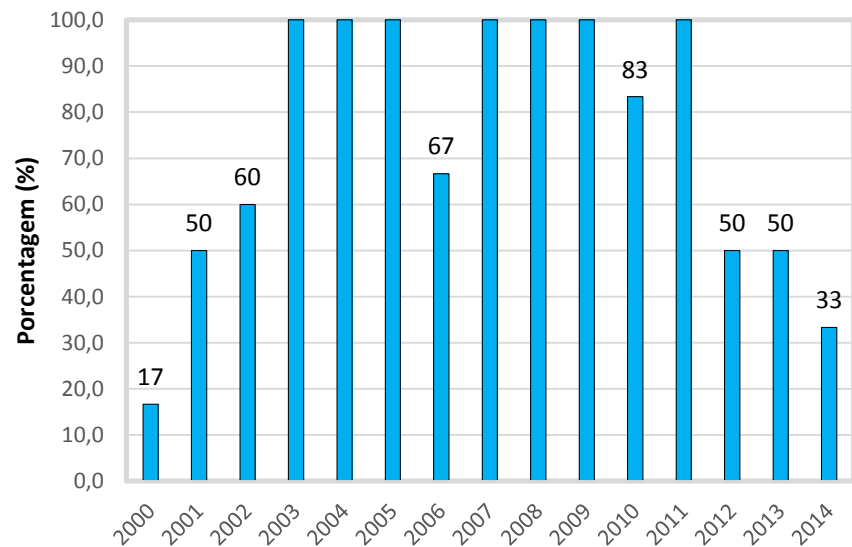


Evolução Temporal

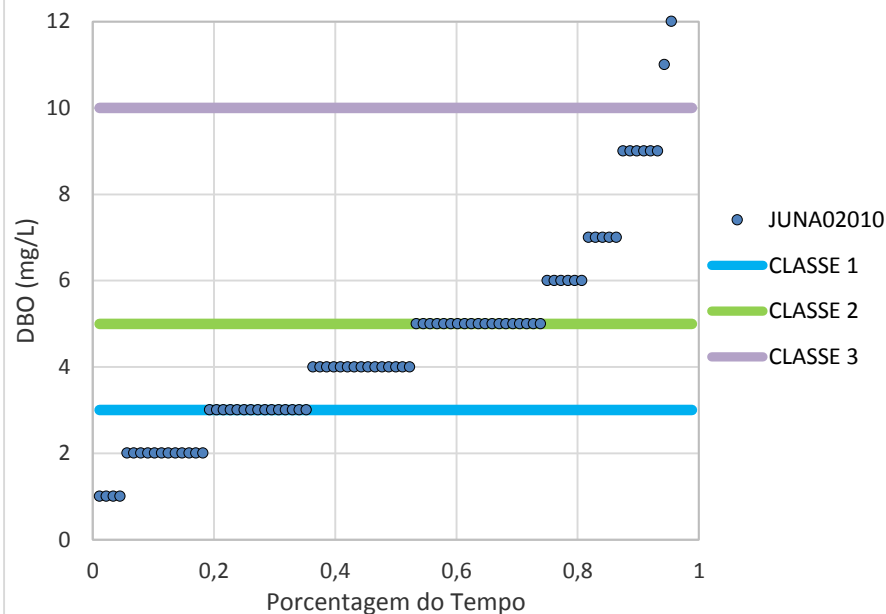


JUNA 02010 – DBO (mg/L)

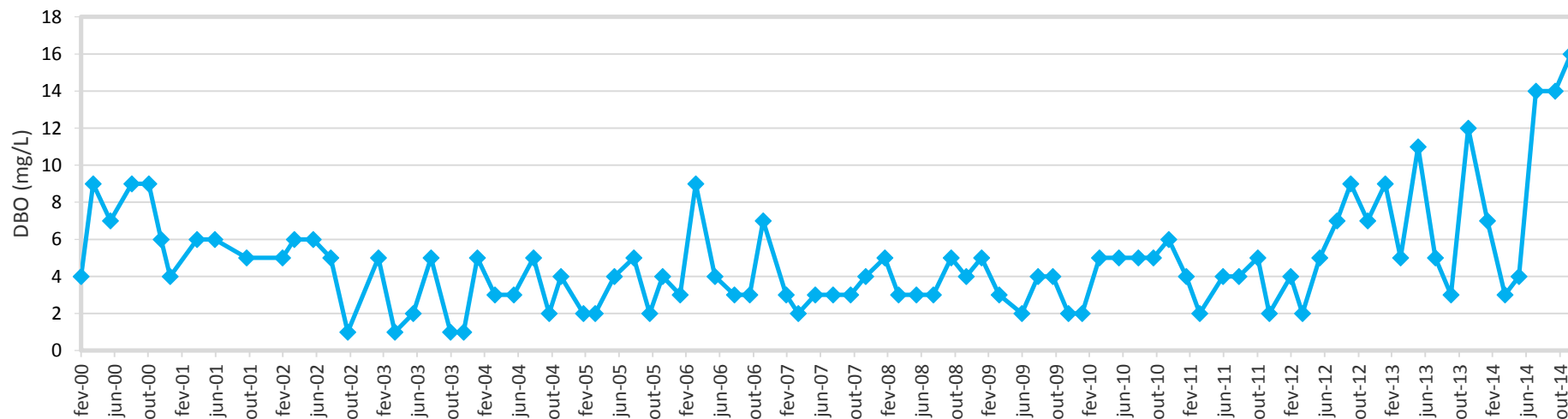
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

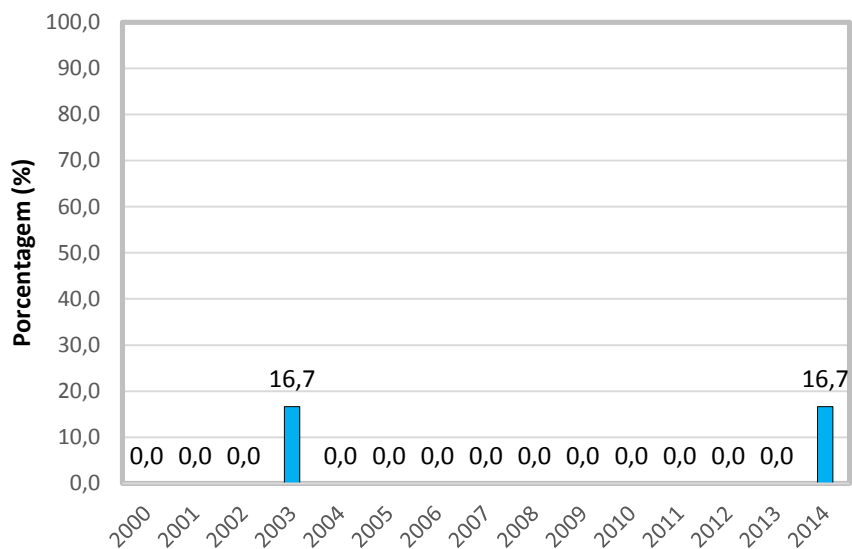


Evolução Temporal

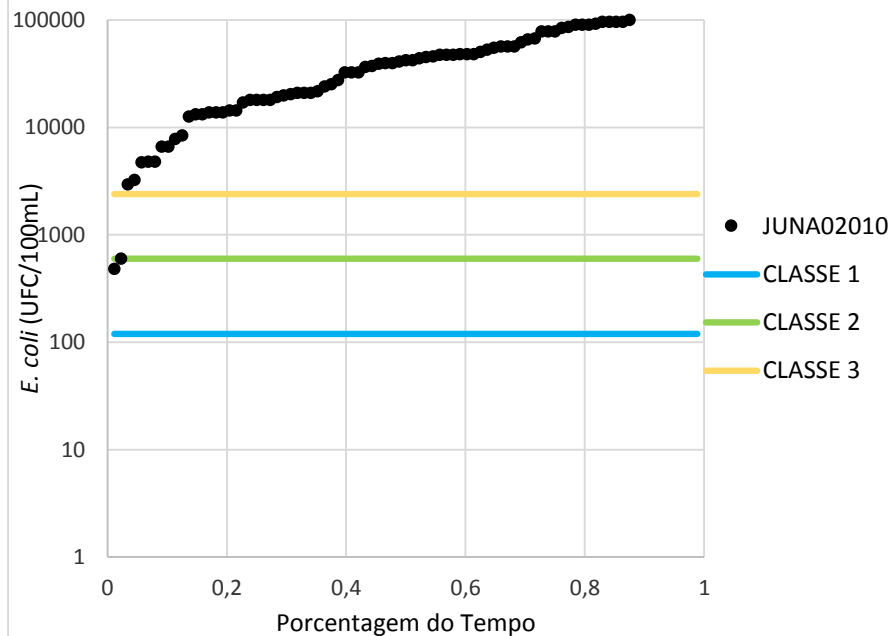


JUNA 02010 – *Escherichia coli* (UFC/100mL)

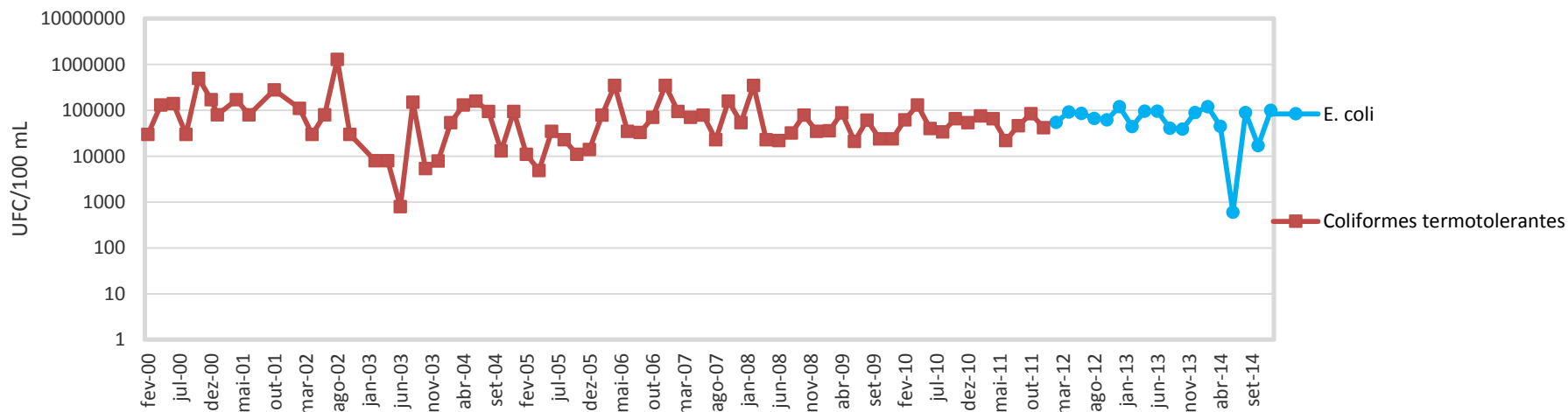
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

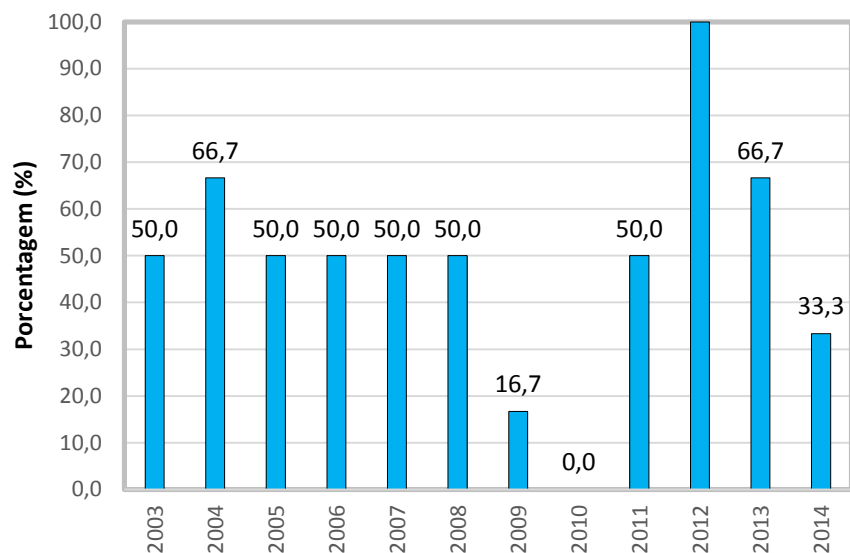


Evolução Temporal

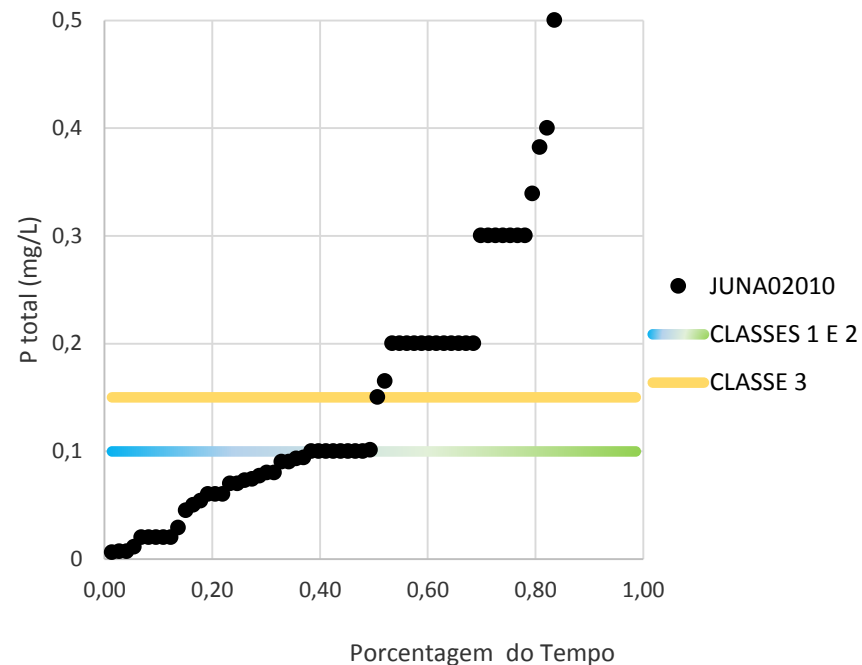


JUNA 02010 – Fósforo Total (mg/L)

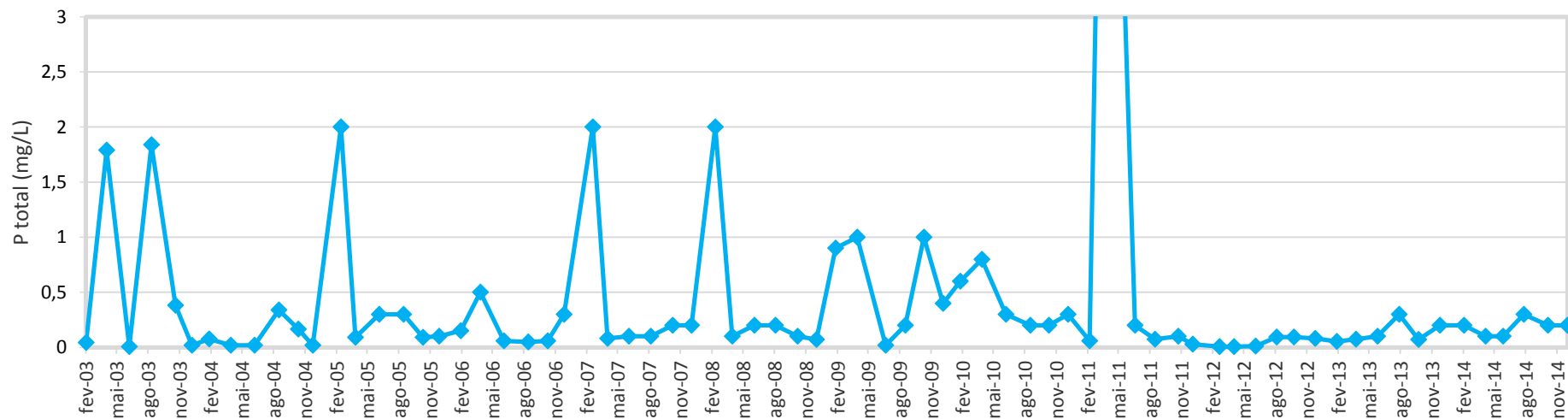
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

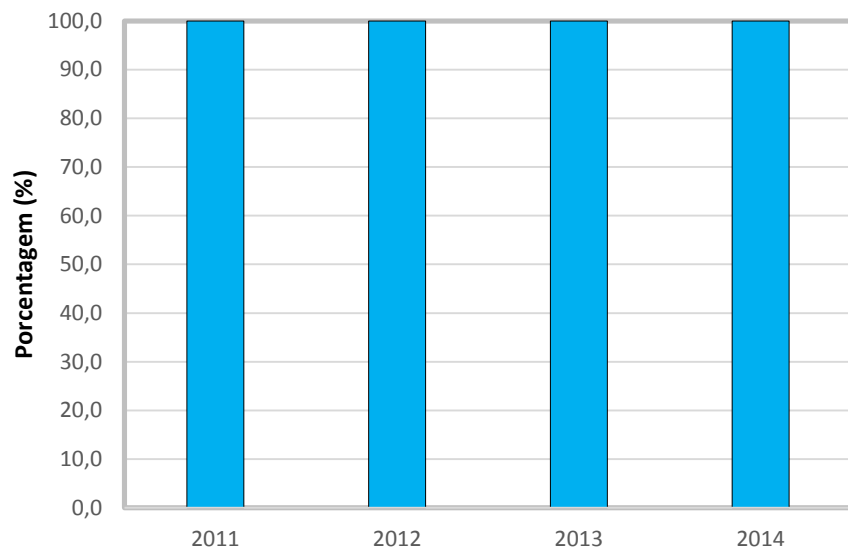


Evolução Temporal

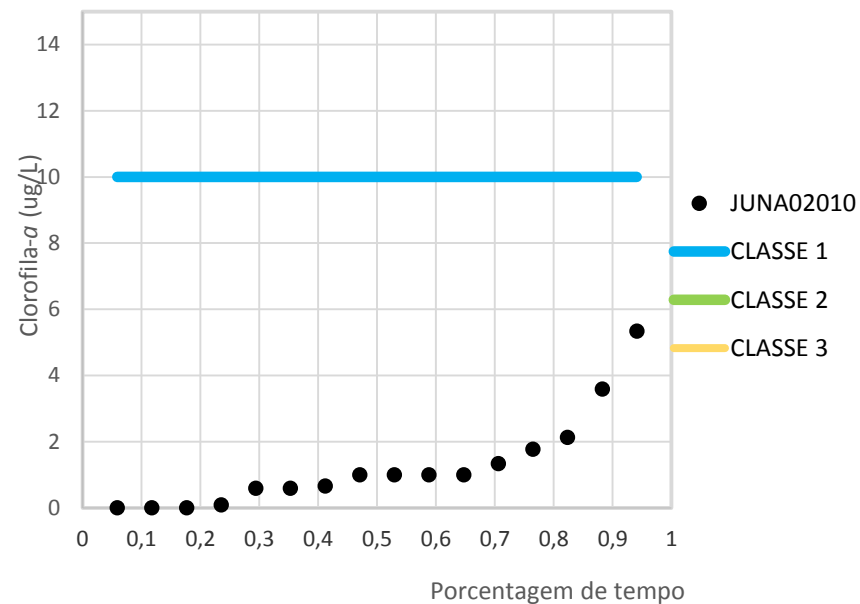


JUNA 02010 – Clorofila-*a* (µg/L)

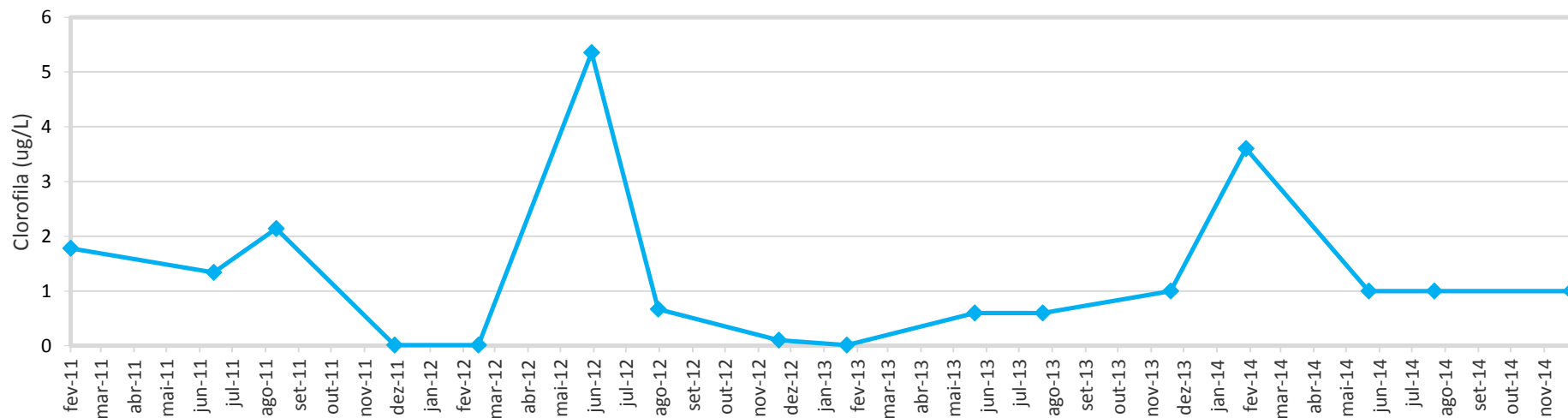
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

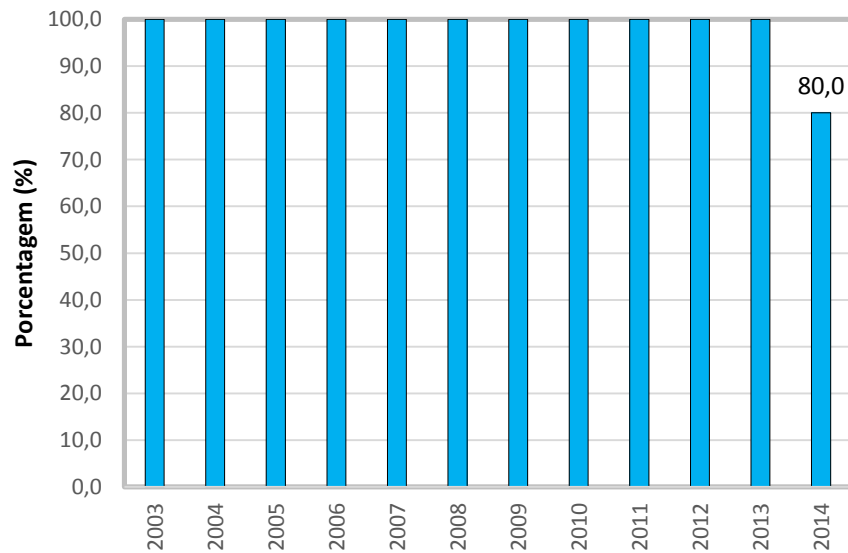


Evolução Temporal

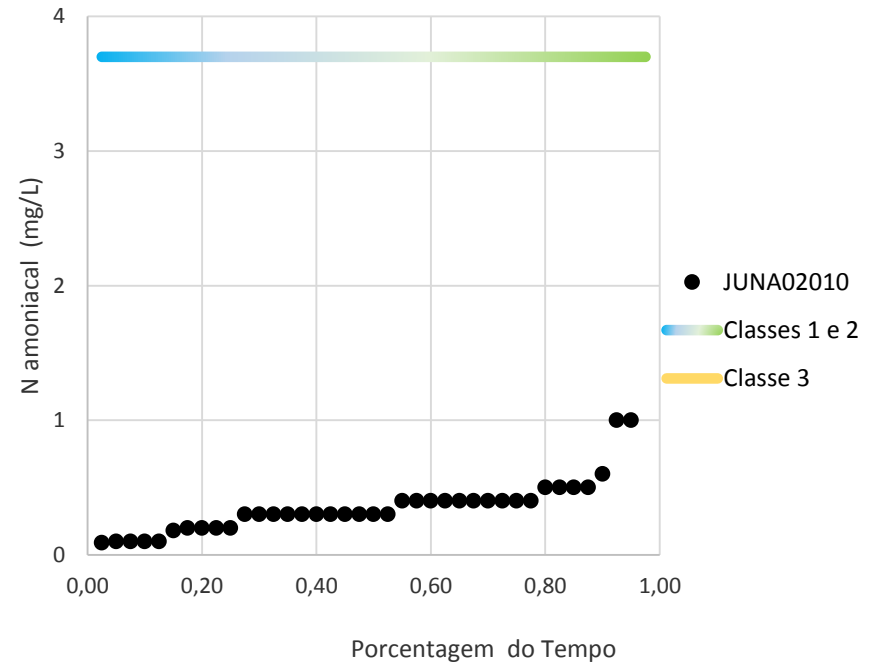


JUNA 02010 – Nitrogênio Amoniacal (mg/L)

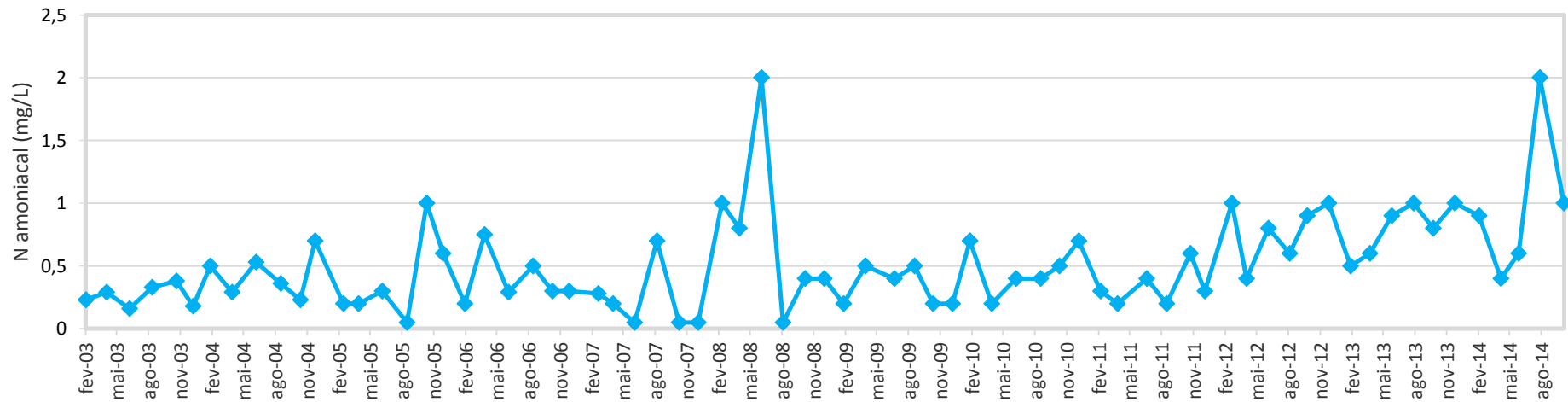
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

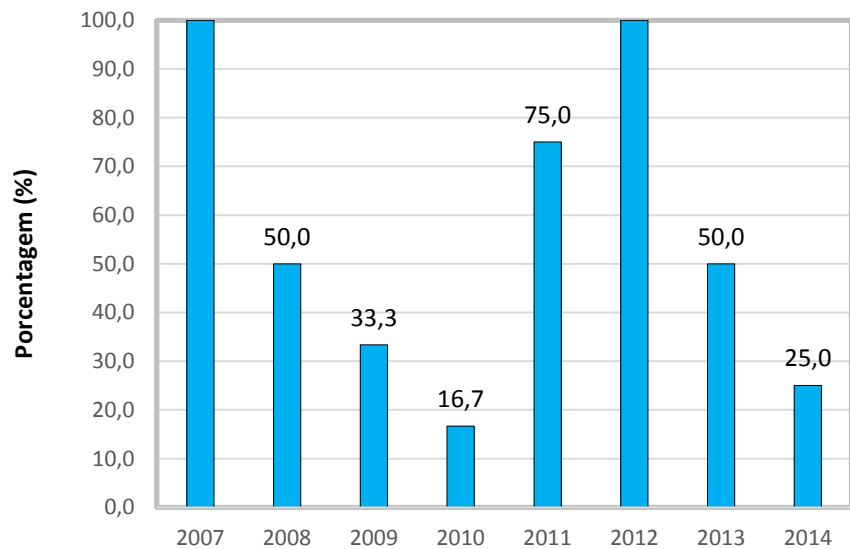


Evolução Temporal

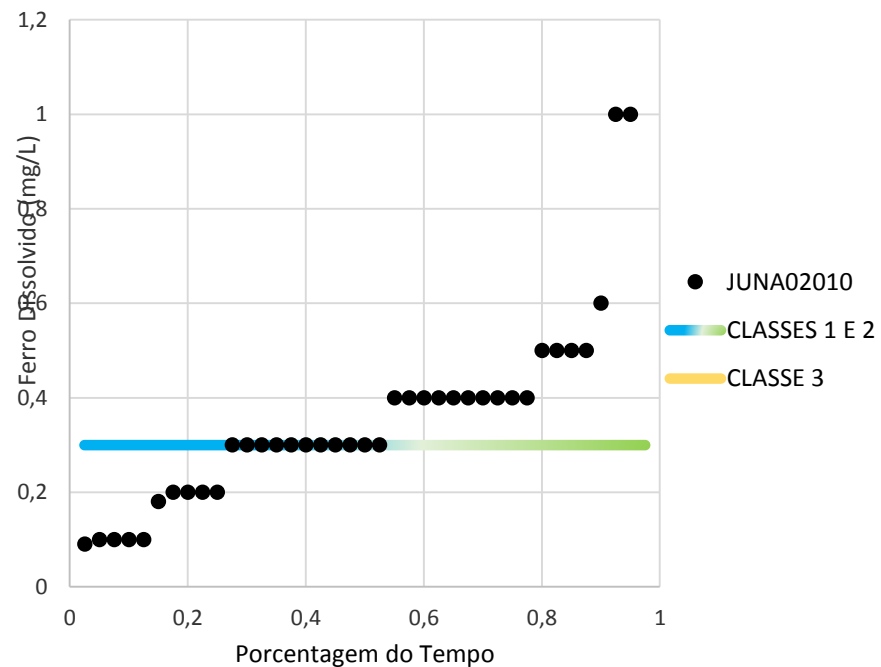


JUNA 02010 – Ferro Dissolvido (mg/L)

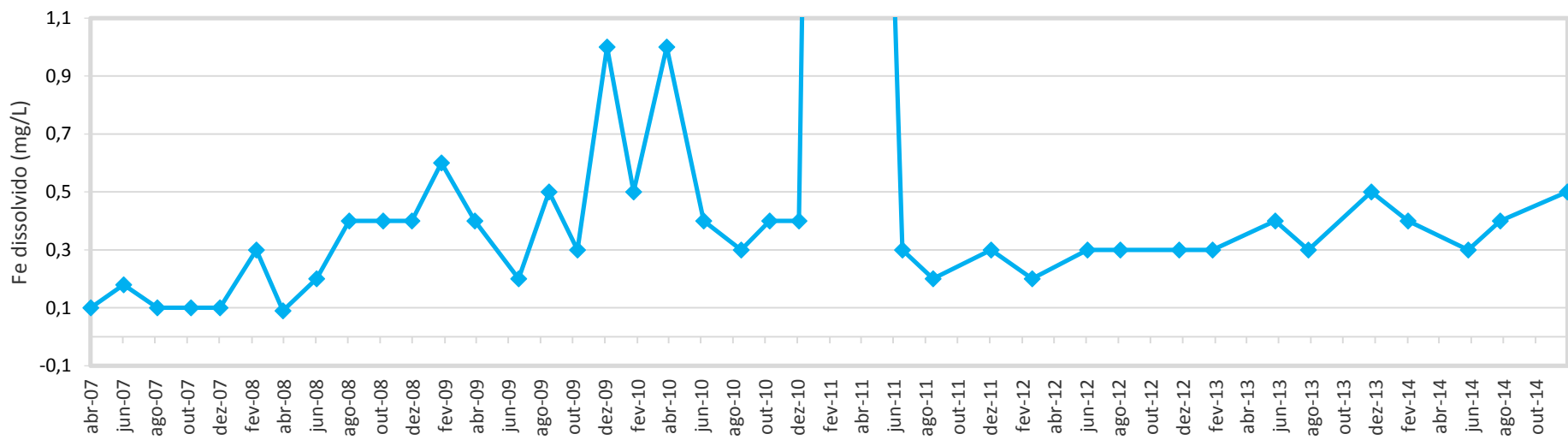
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



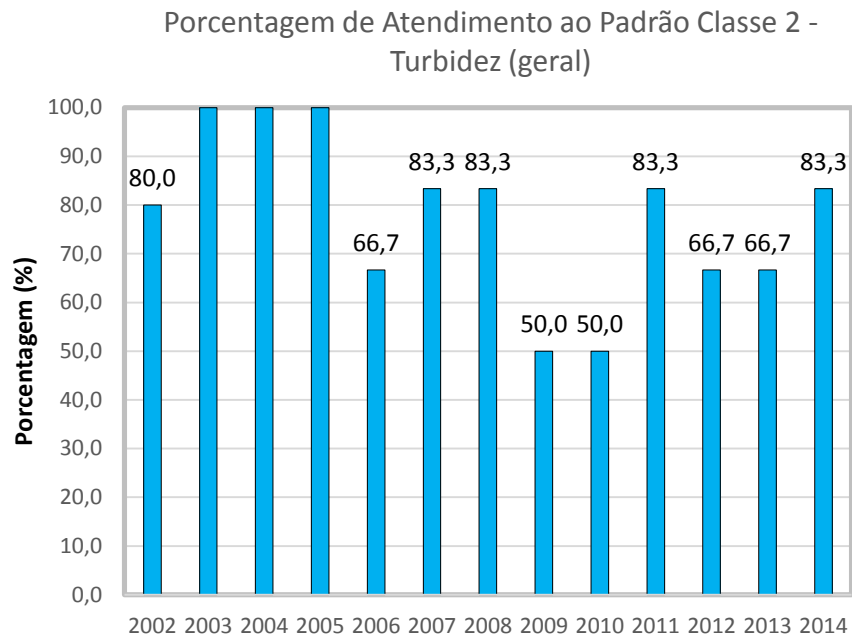
Curva de Permanência



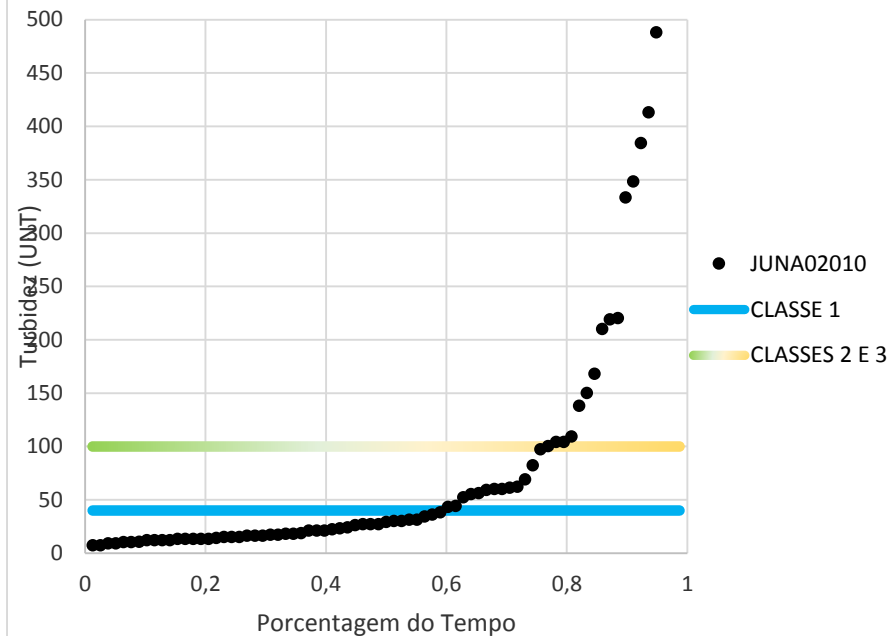
Evolução Temporal



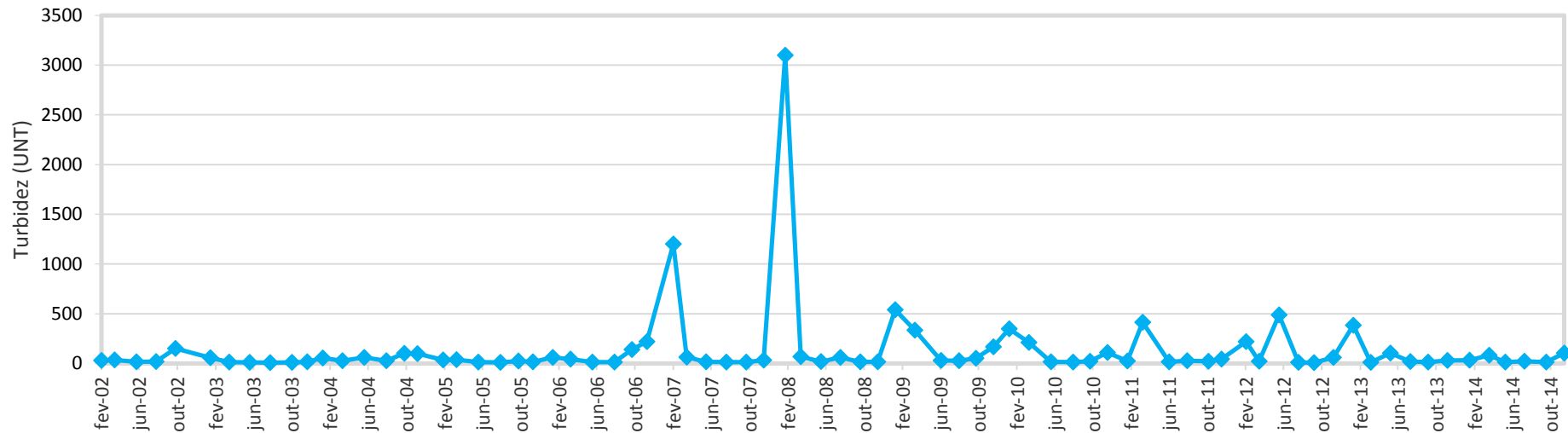
JUNA 02010 – Turbidez (UNT)



Curva de Permanência- Turbidez (Geral)

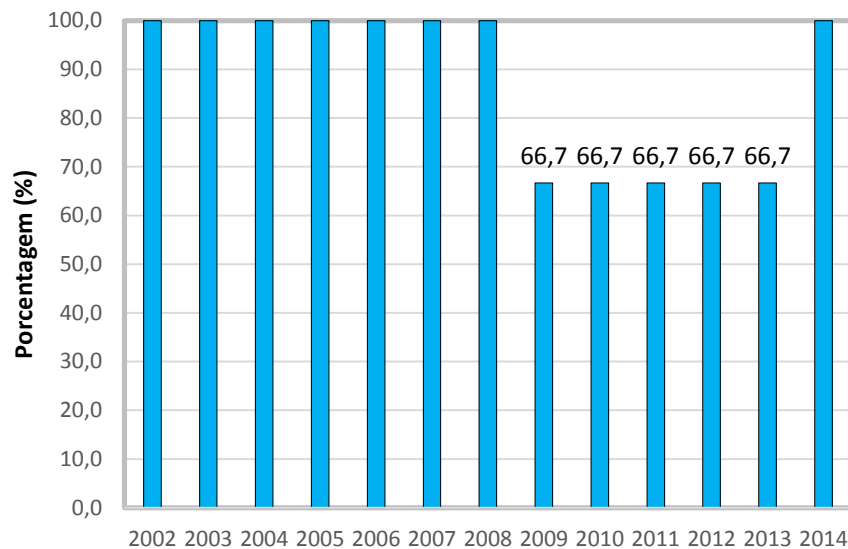


Evolução Temporal

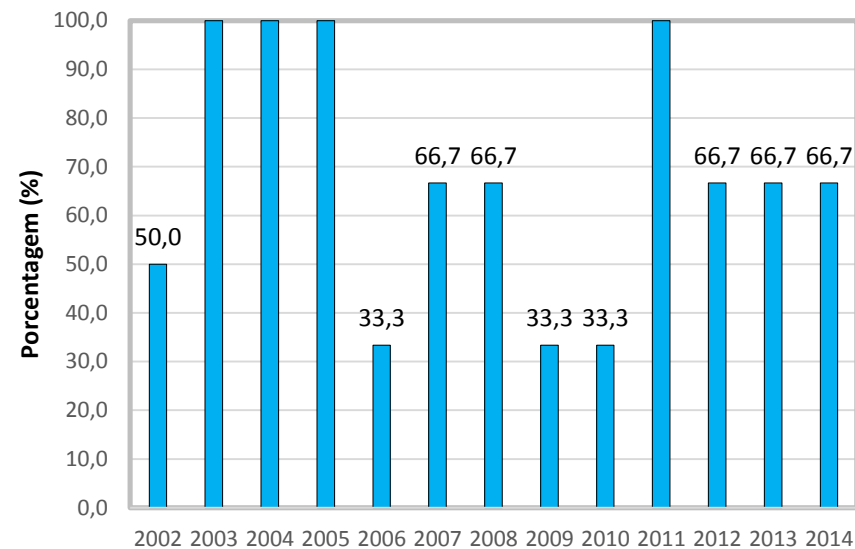


JUNA 02010 – Turbidez (Período Seco x Período Chuvoso)

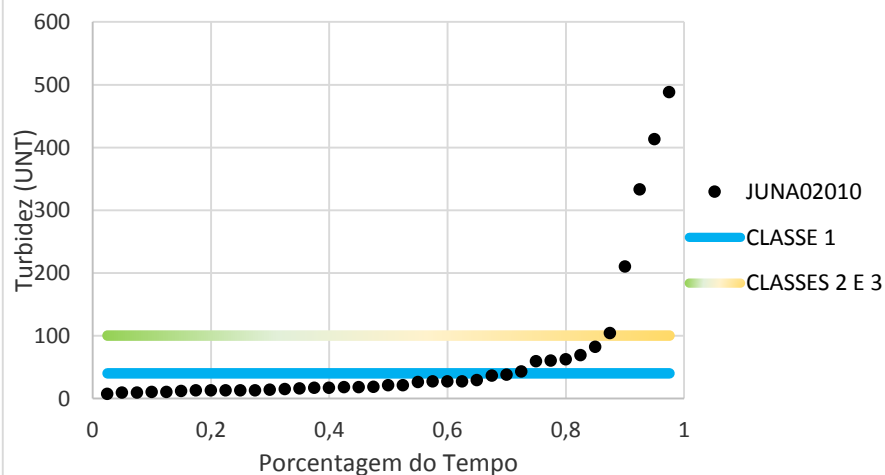
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



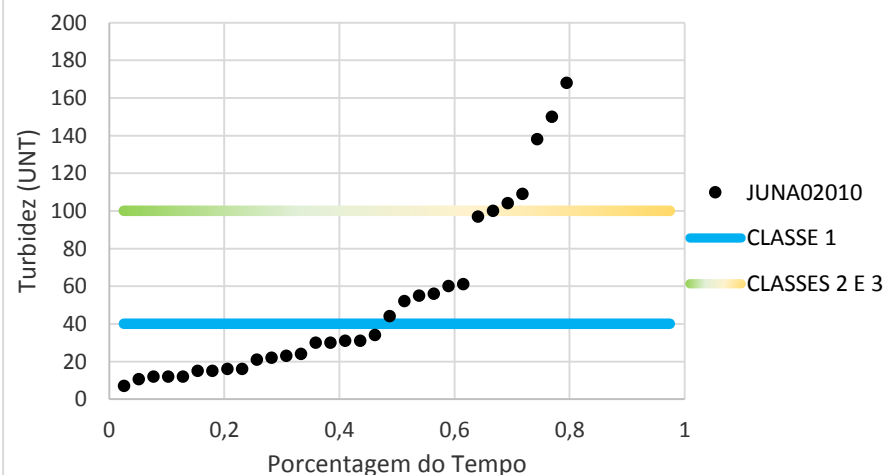
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

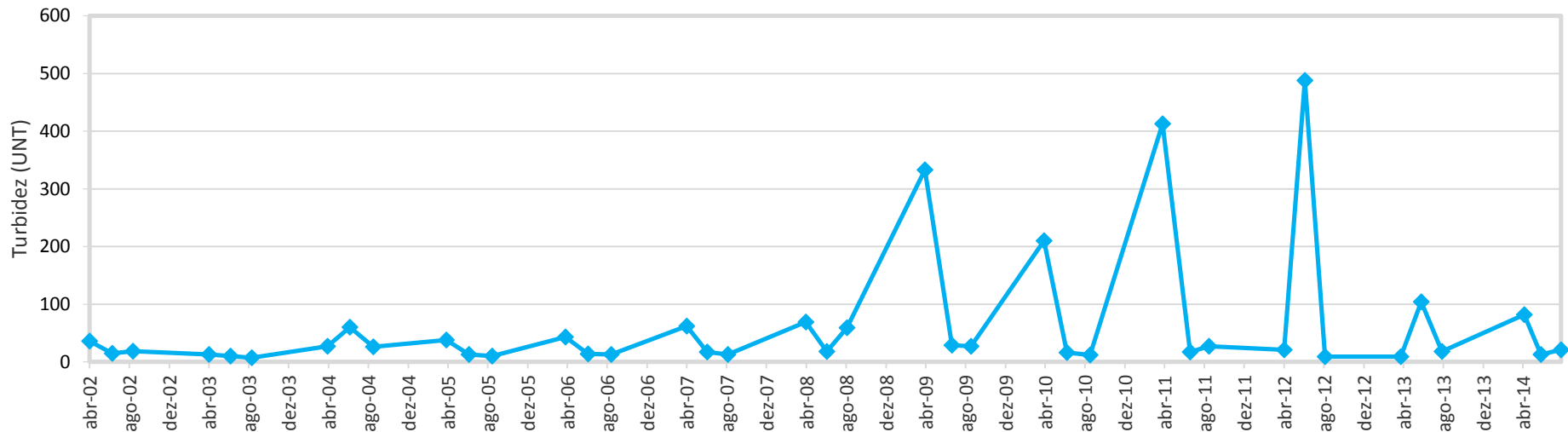


Curva de Permanência- Turbidez
(Período Chuvoso)

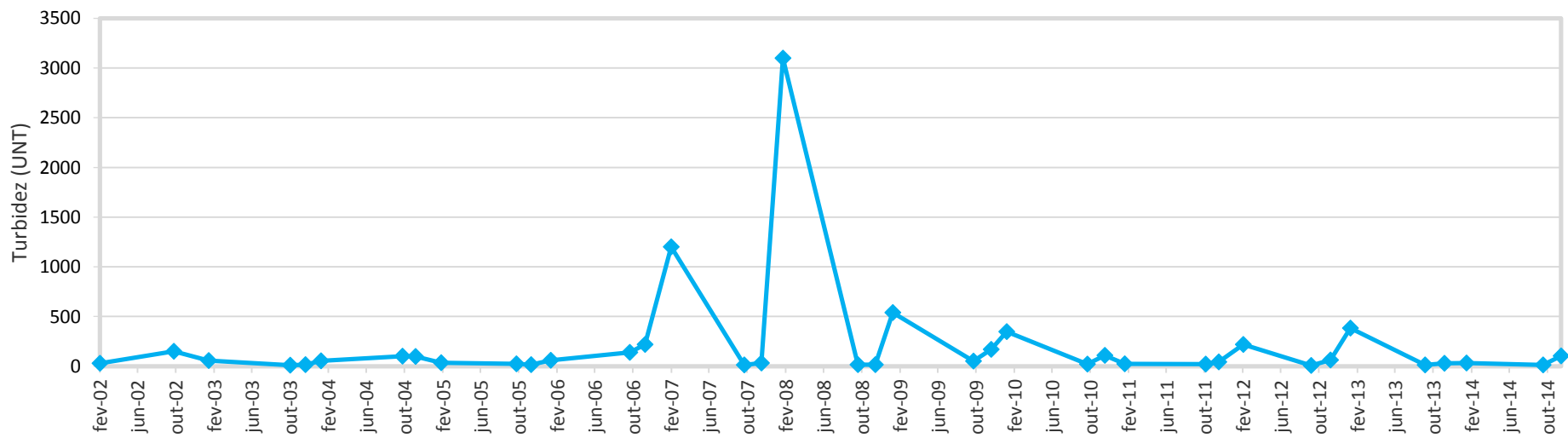


JUNA 02010 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



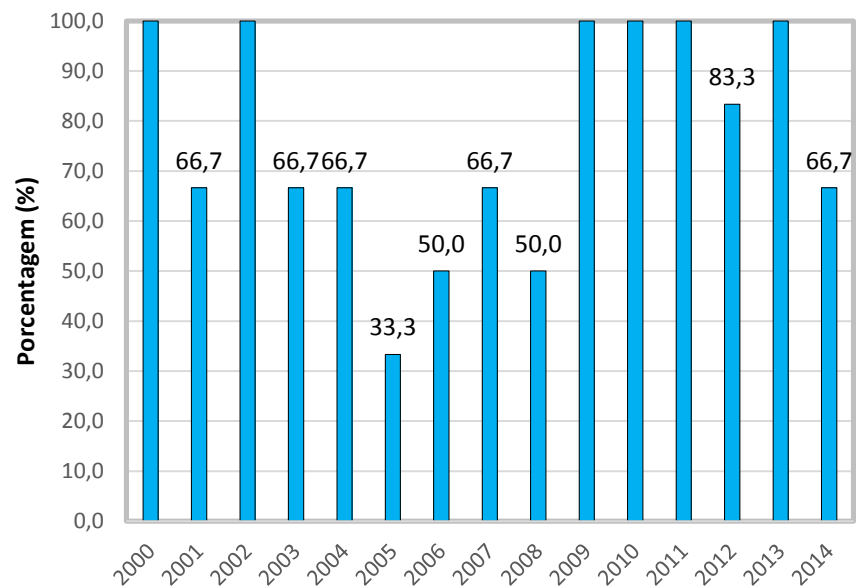
Evolução Temporal - Período Chuvoso



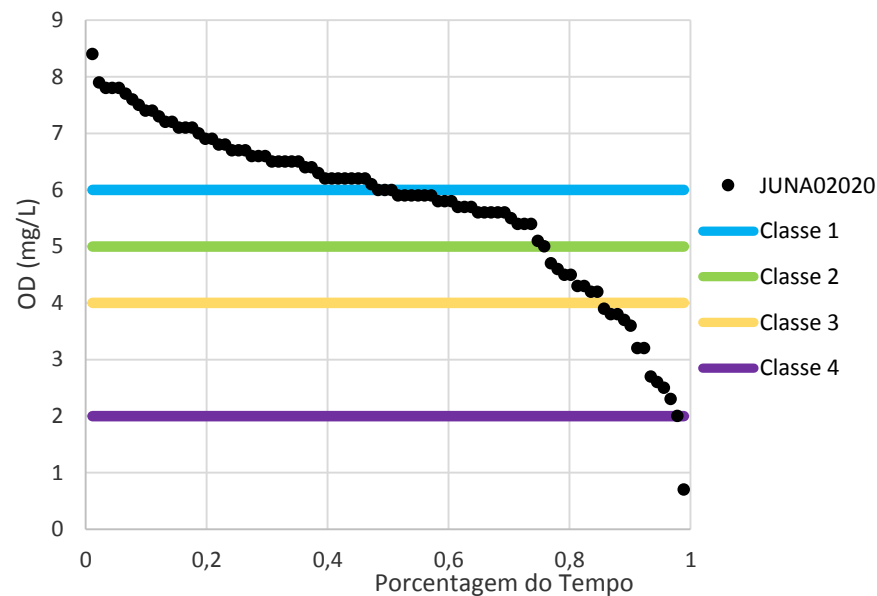
Rio Jundiaí
JUNA 02020

JUNA 02020 – Oxigênio Dissolvido (mg/L)

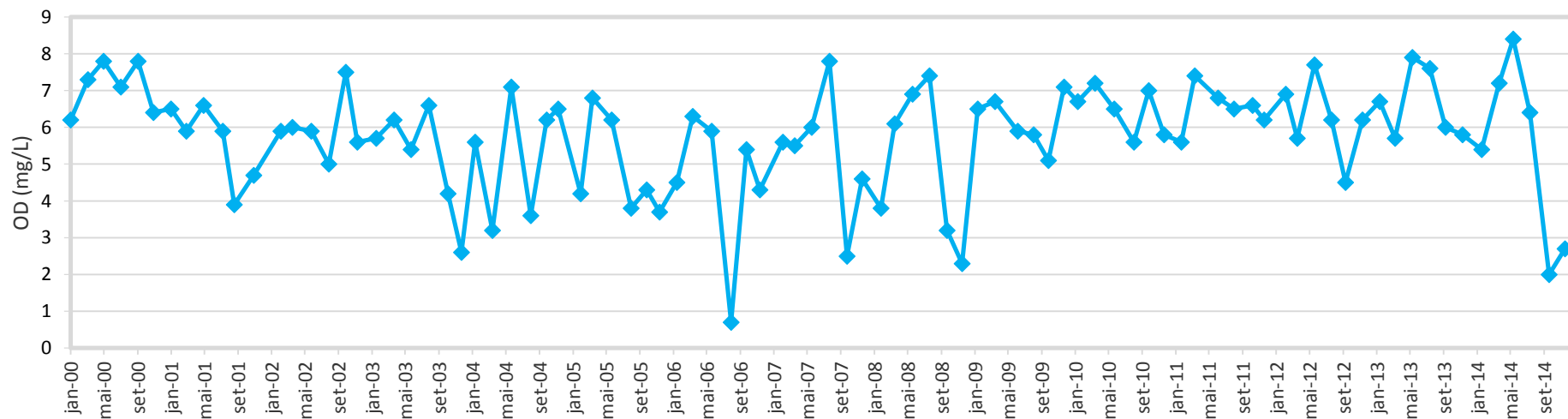
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

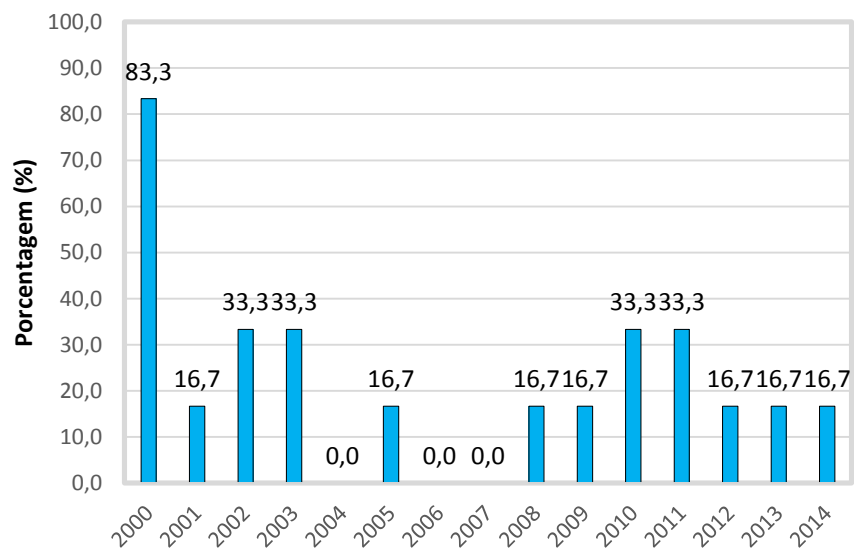


Evolução Temporal

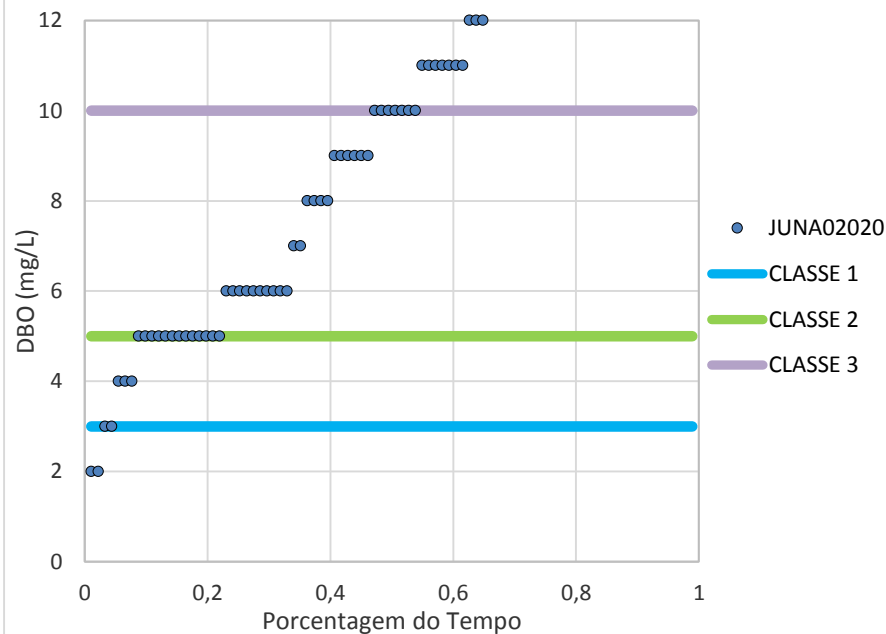


JUNA 02020 – DBO (mg/L)

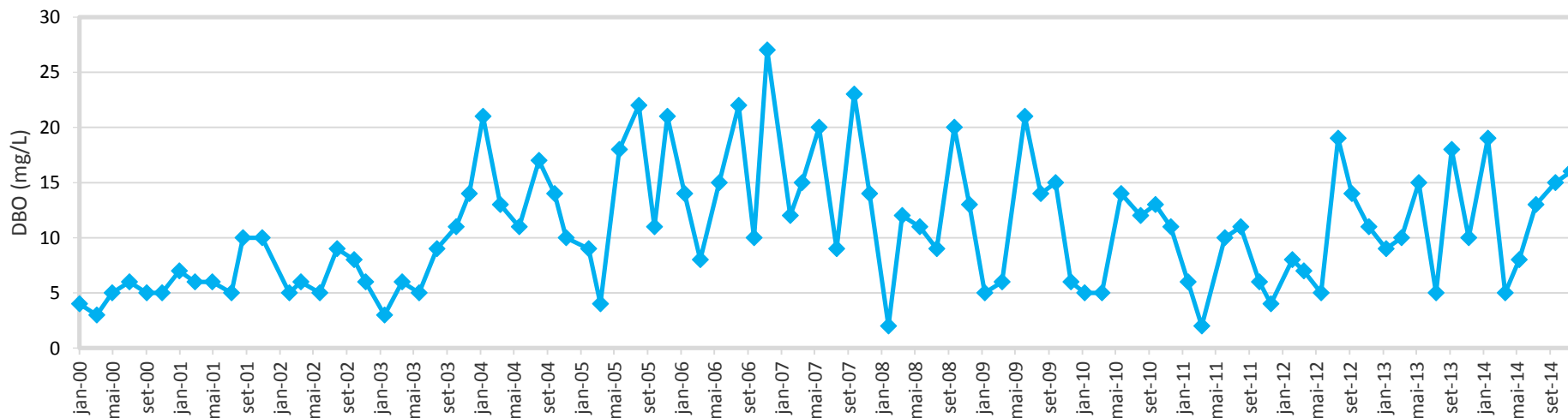
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

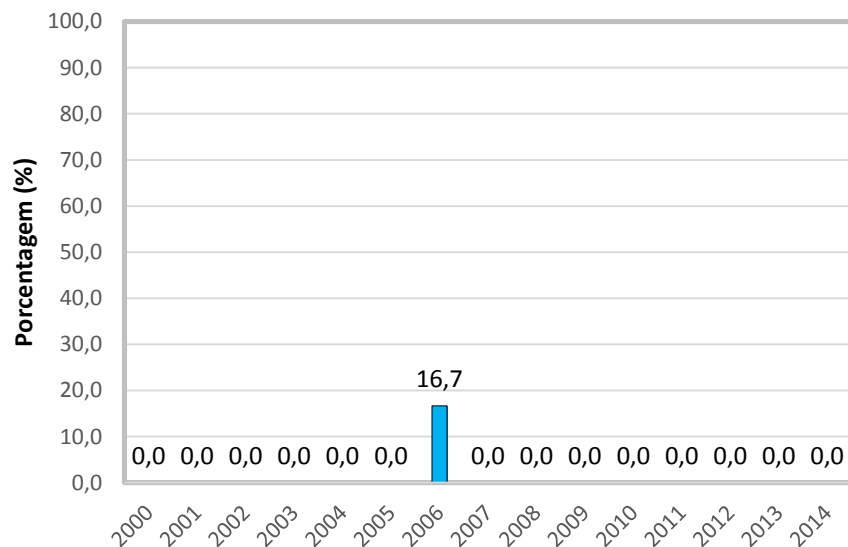


Evolução Temporal

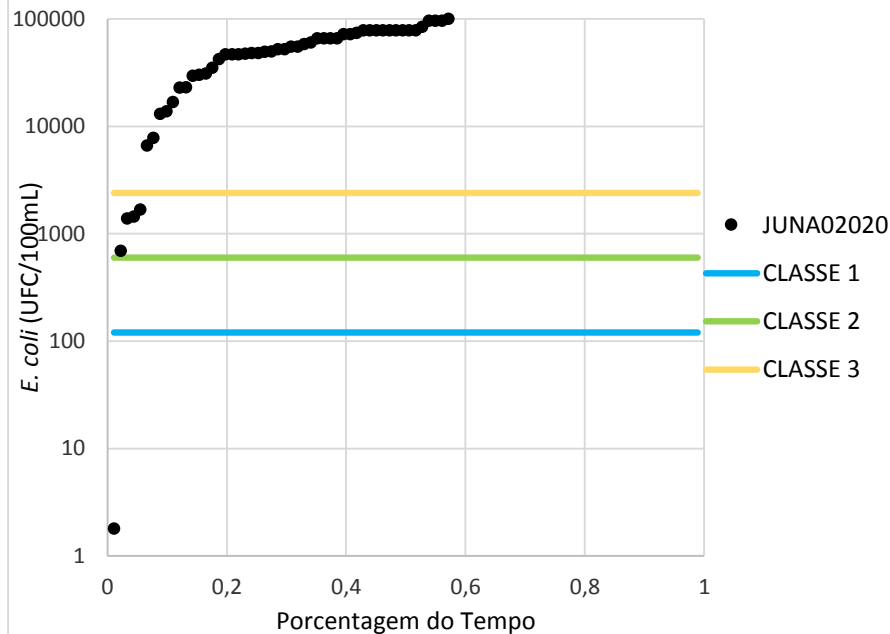


JUNA 02020 – *Escherichia coli* (UFC/100mL)

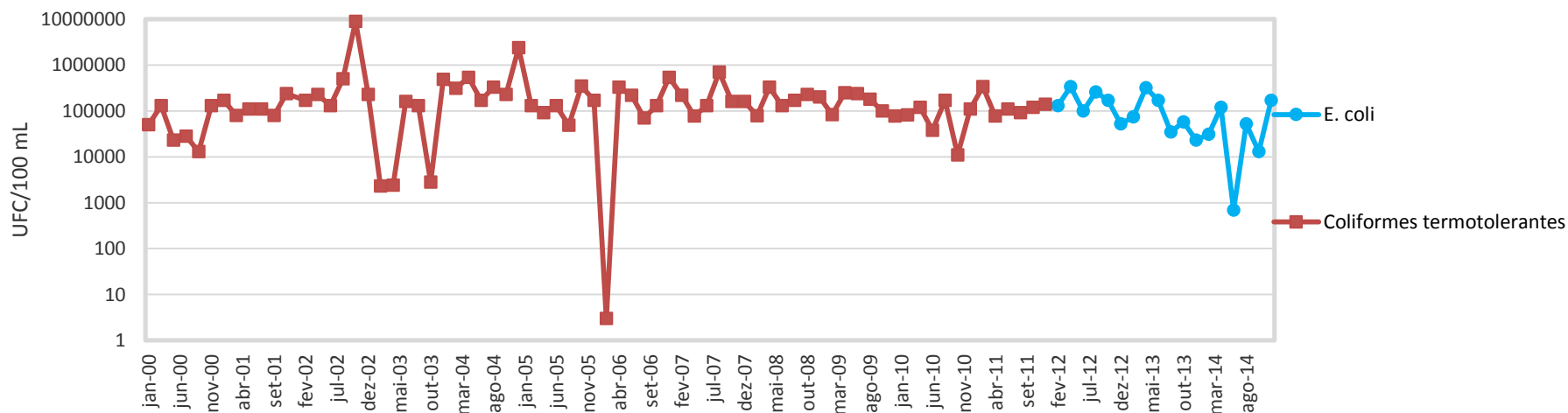
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

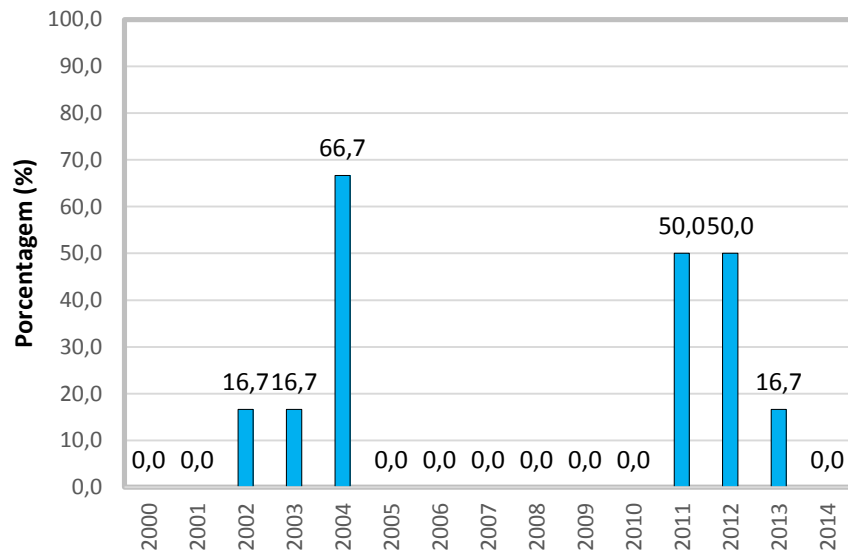


Evolução Temporal

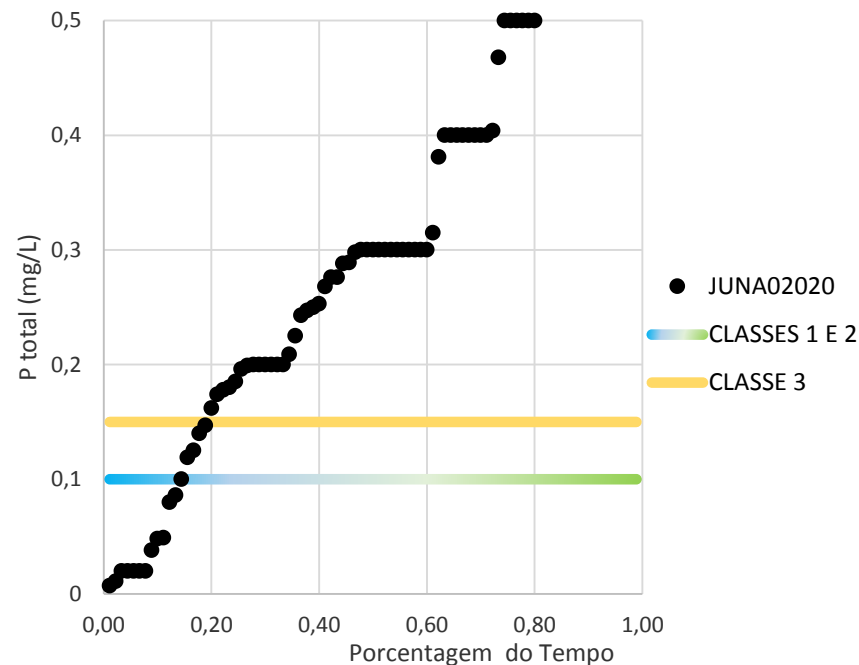


JUNA 02020 – Fósforo Total (mg/L)

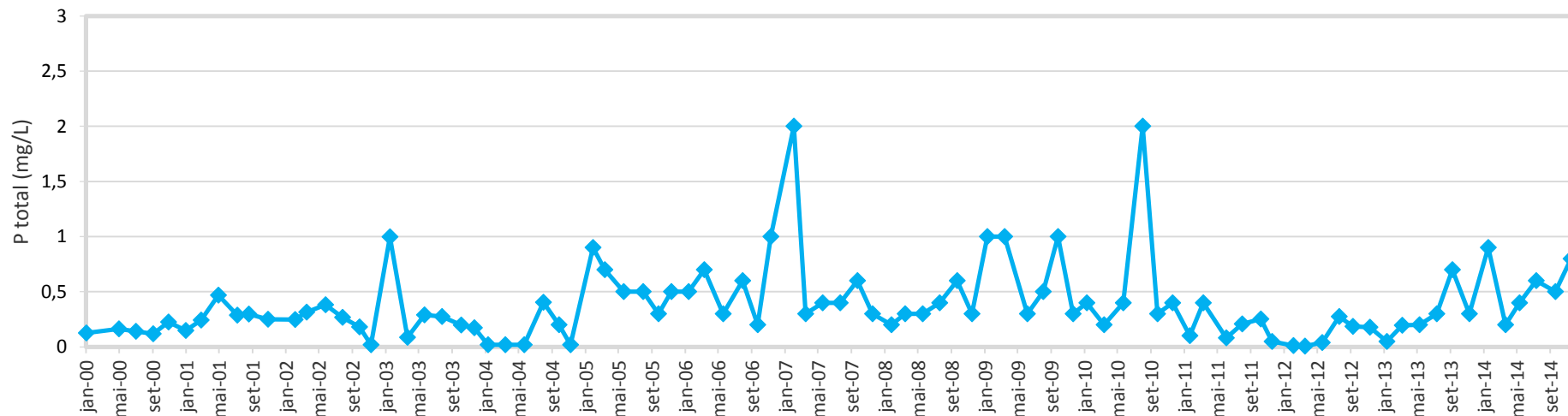
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

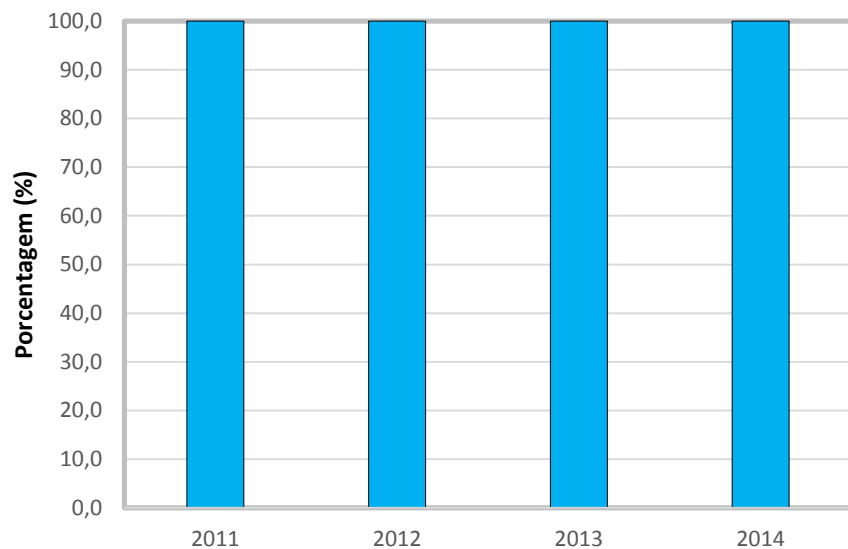


Evolução Temporal

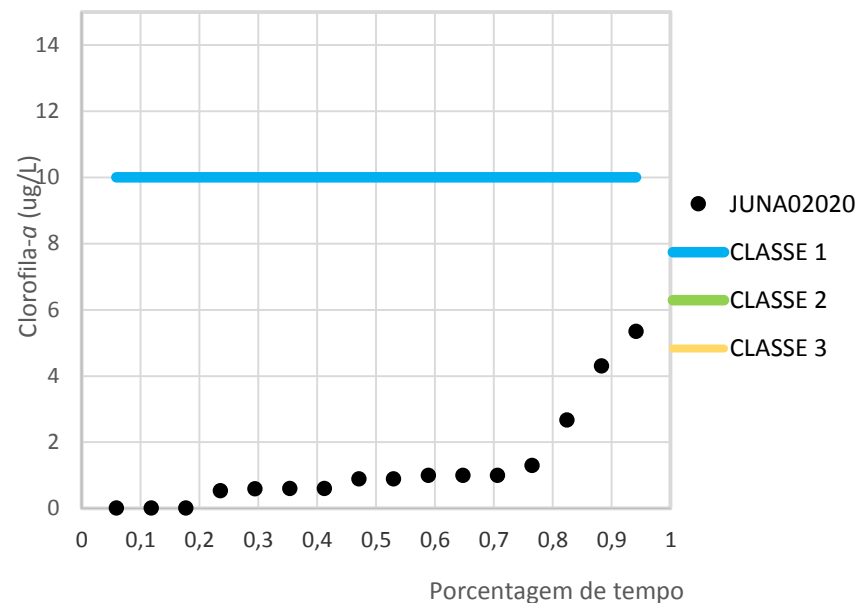


JUNA 02020 – Clorofila-*a* (µg/L)

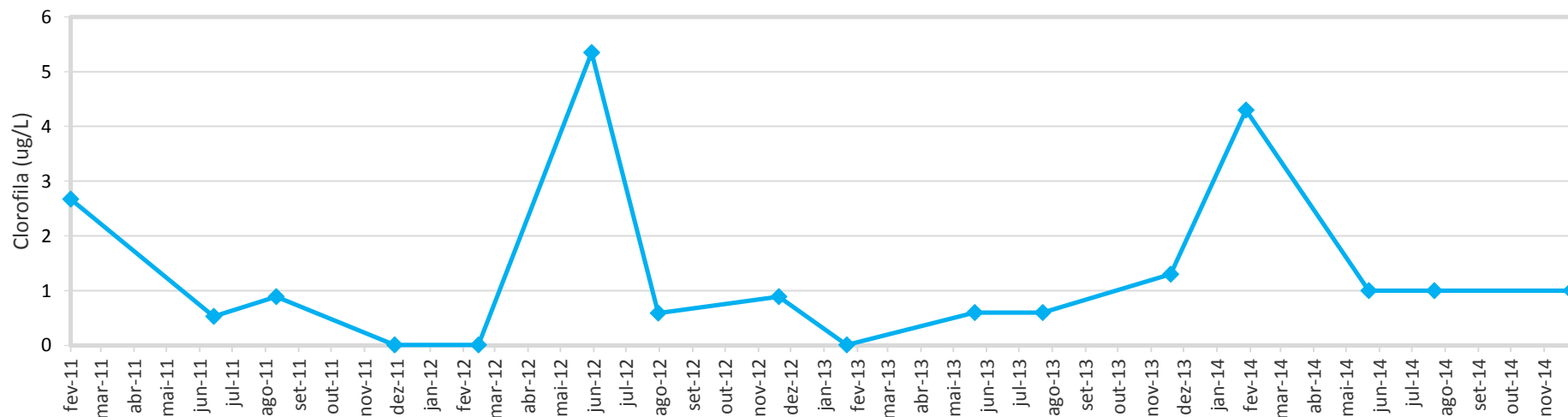
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila-*a*



Curva de Permanência

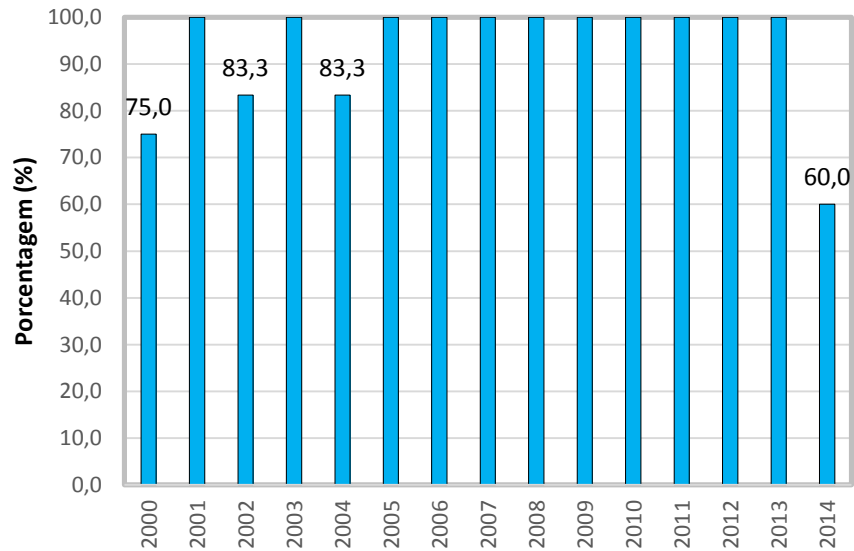


Evolução Temporal

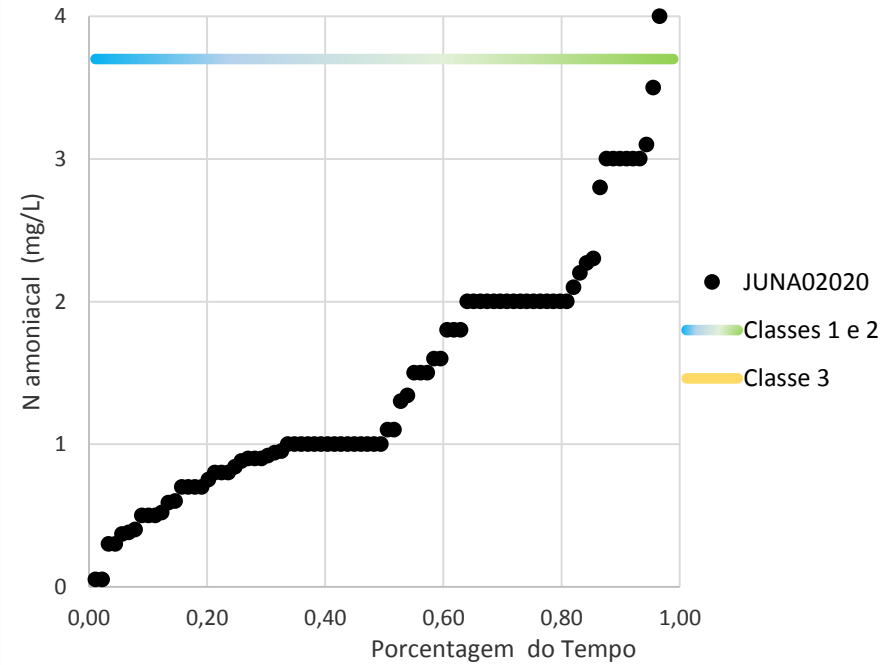


JUNA 02020 – Nitrogênio Amoniacal (mg/L)

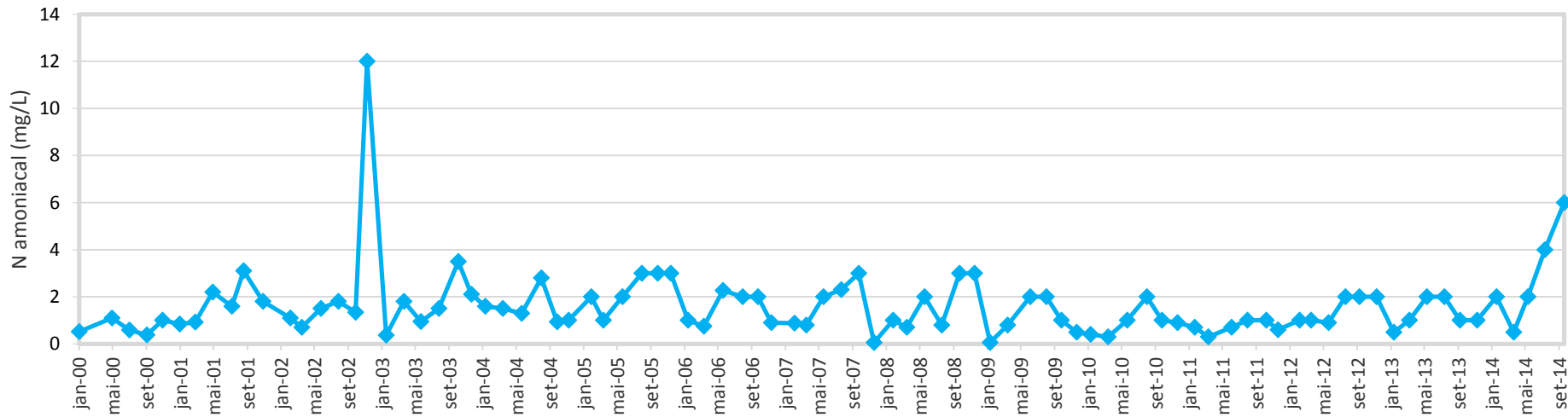
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

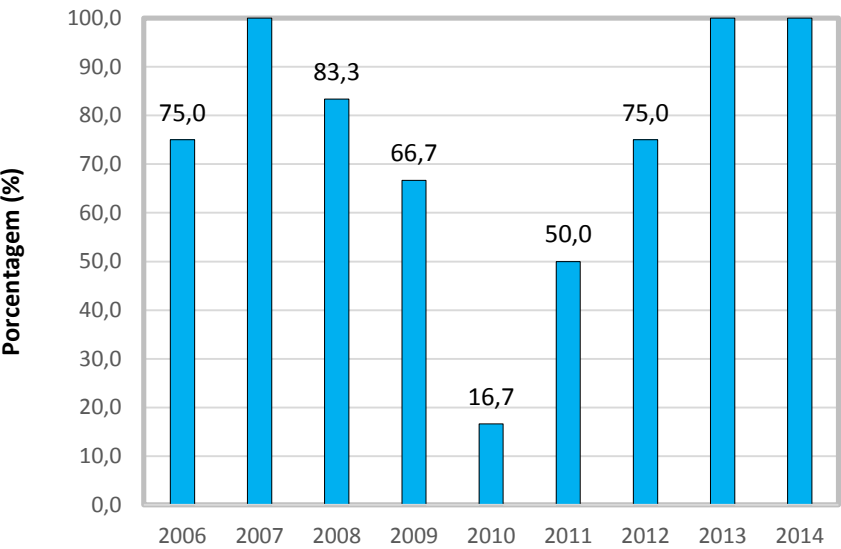


Evolução Temporal

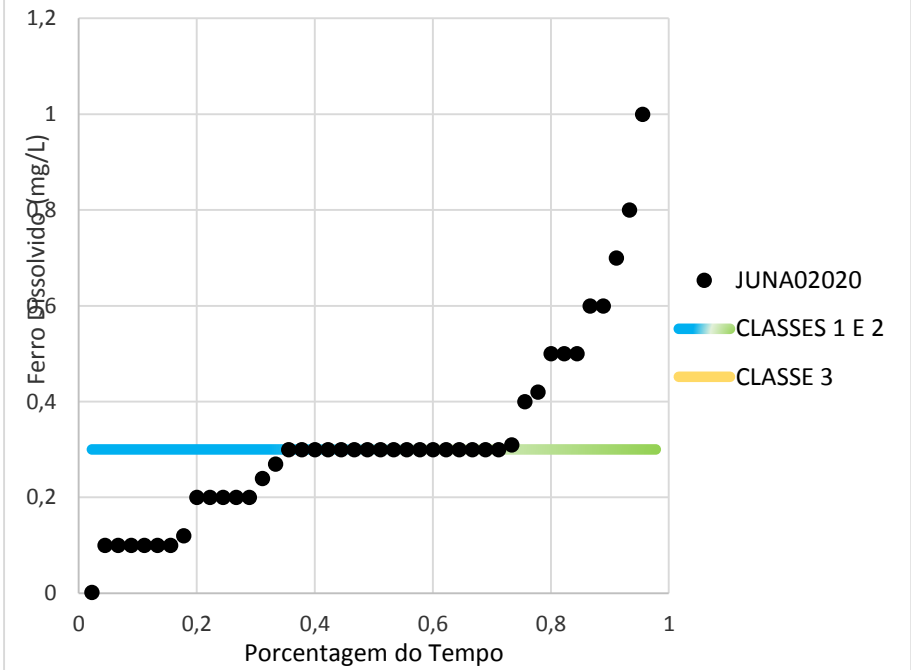


JUNA 02020 – Ferro Dissolvido (mg/L)

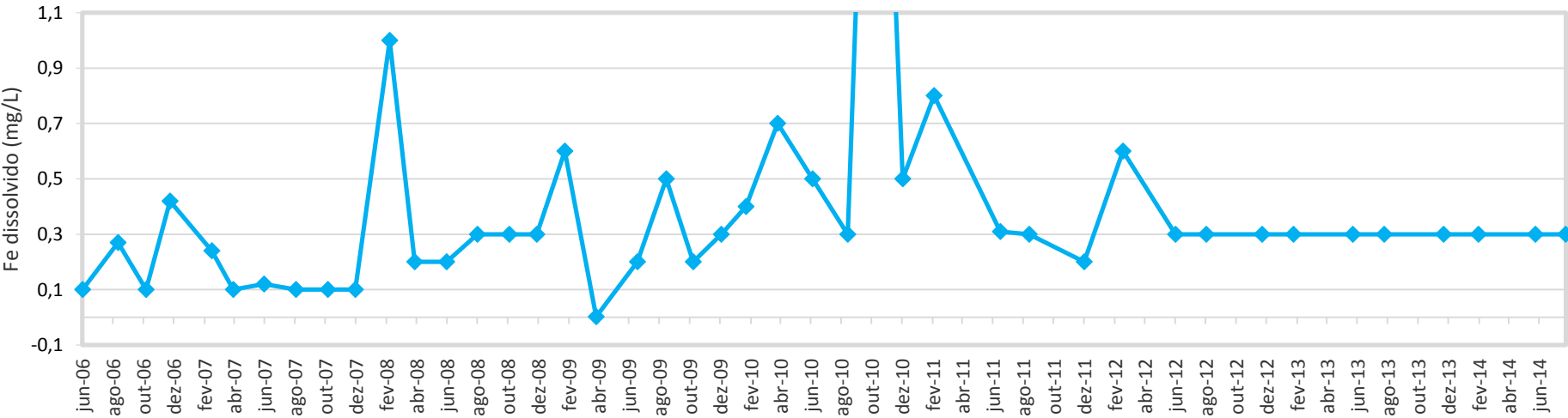
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

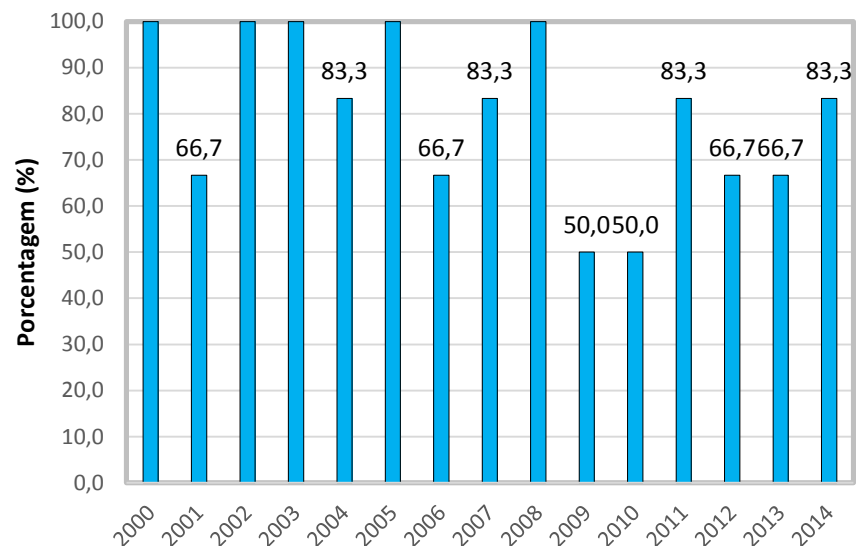


Evolução Temporal

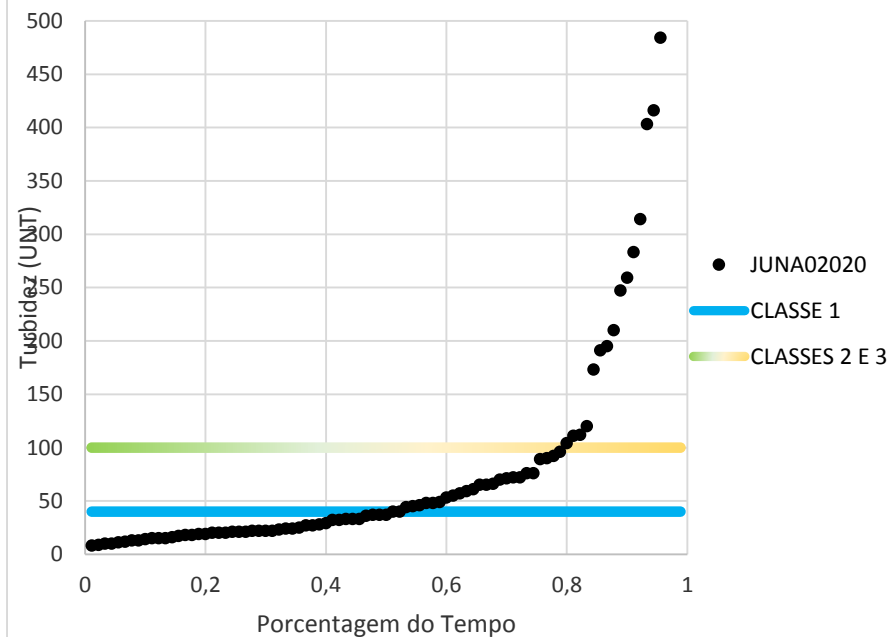


JUNA 02020 – Turbidez (UNT)

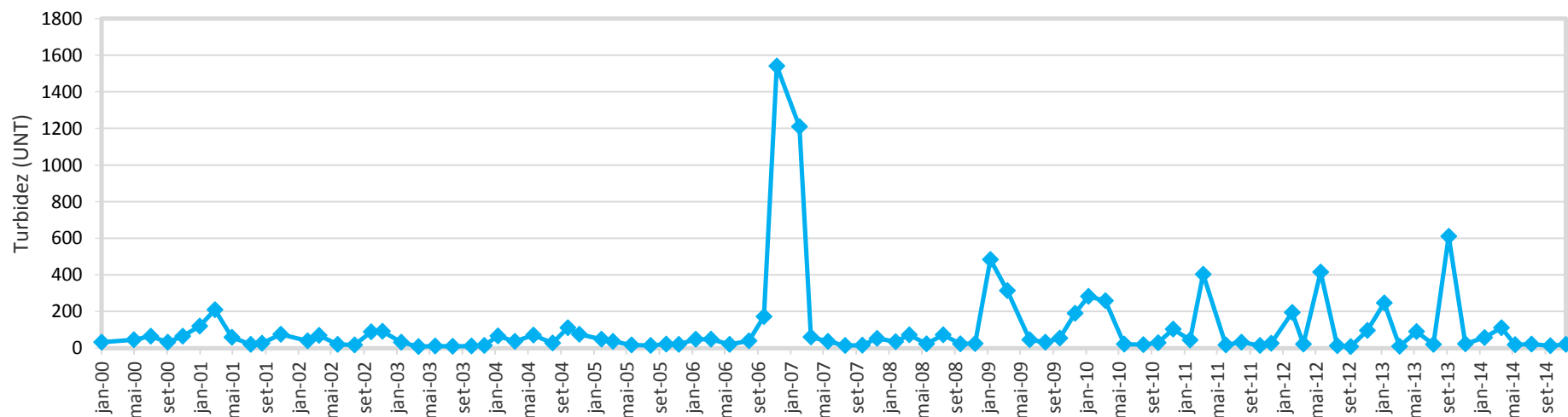
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

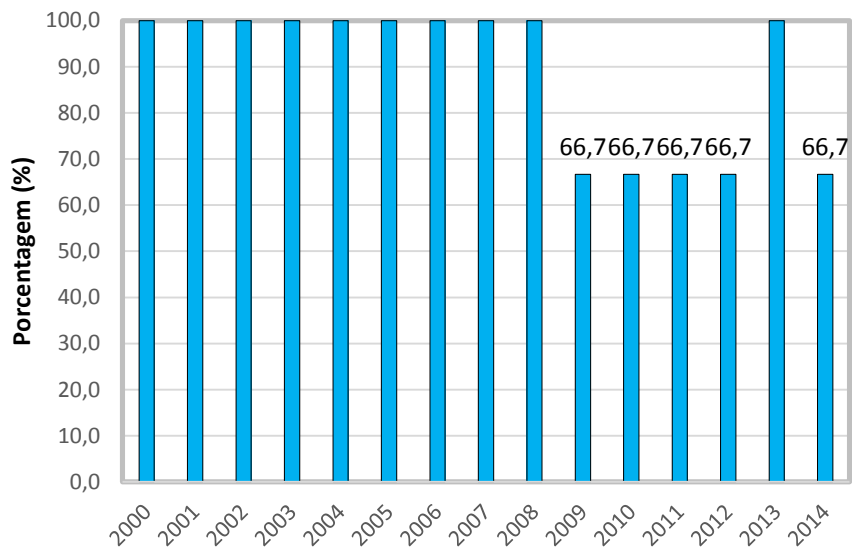


Evolução Temporal

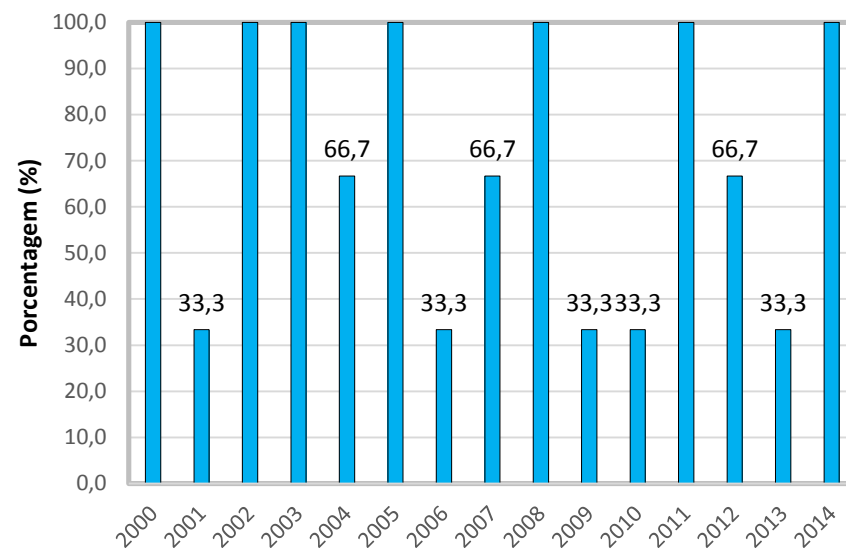


JUNA 02020 – Turbidez (Período Seco x Período Chuvoso)

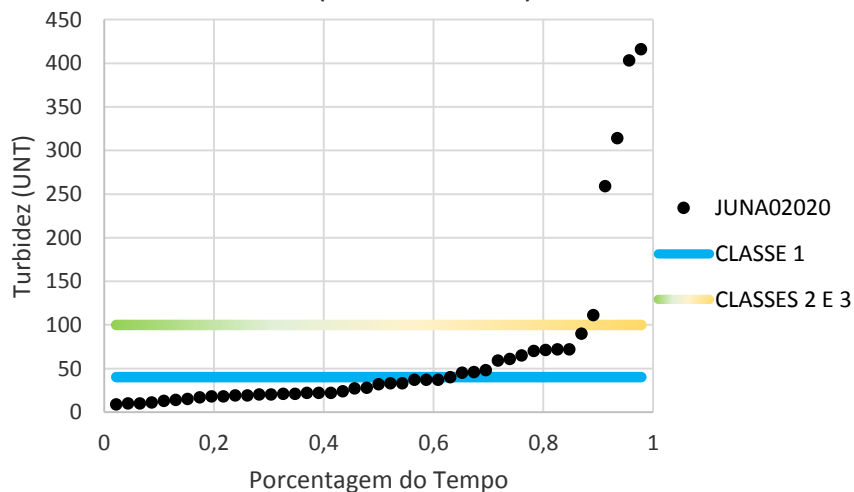
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



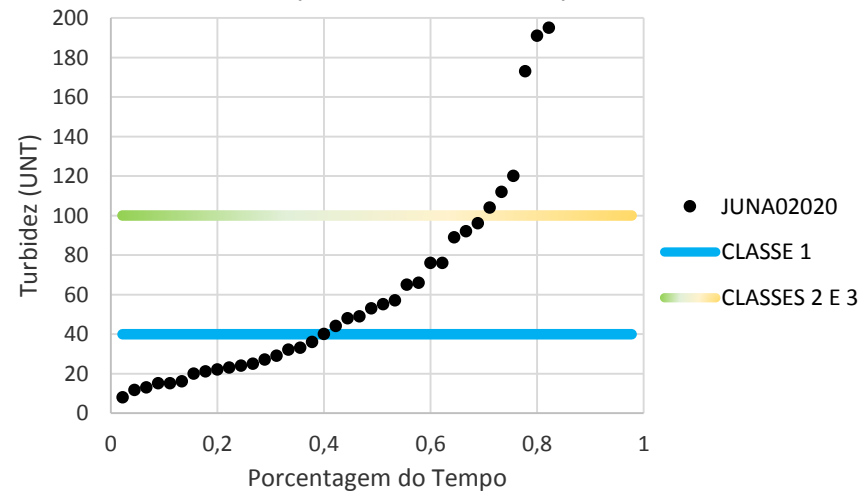
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

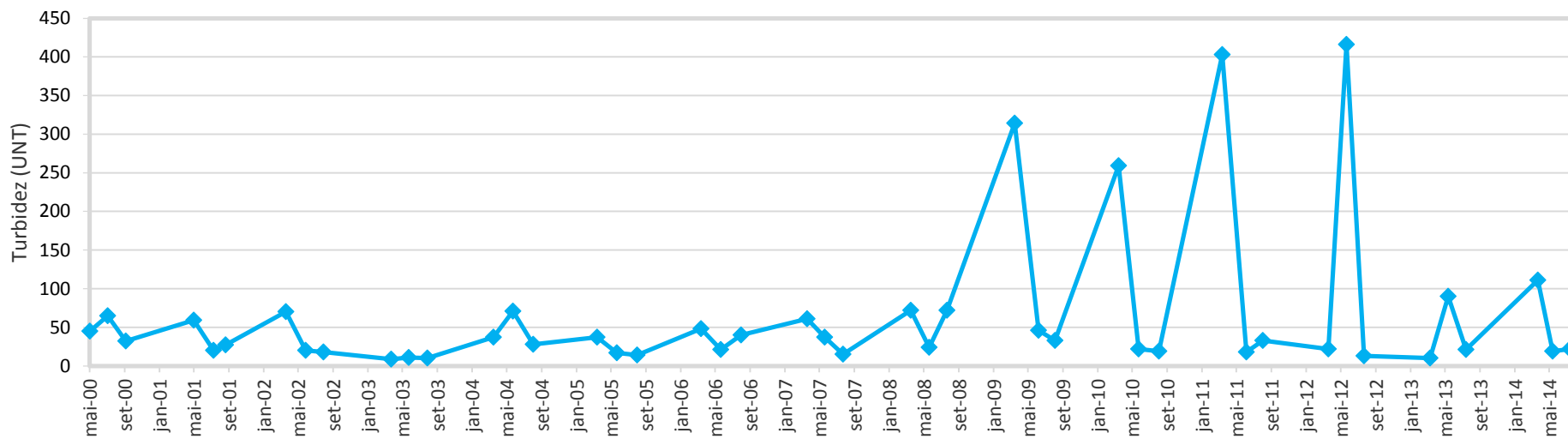


Curva de Permanência- Turbidez
(Período Chuvoso)

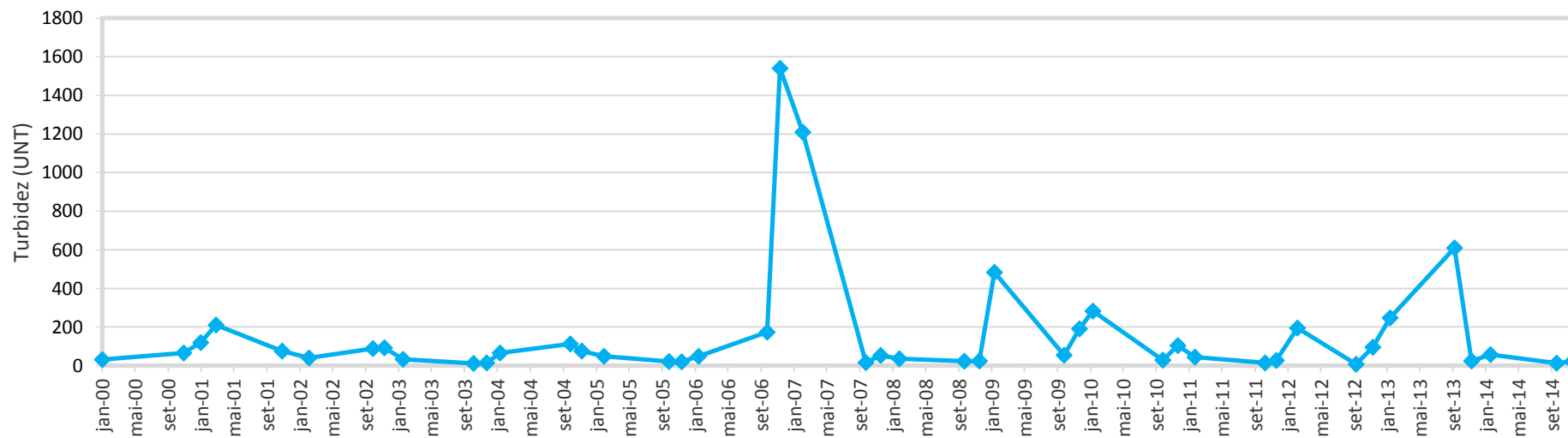


JUNA 02020 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



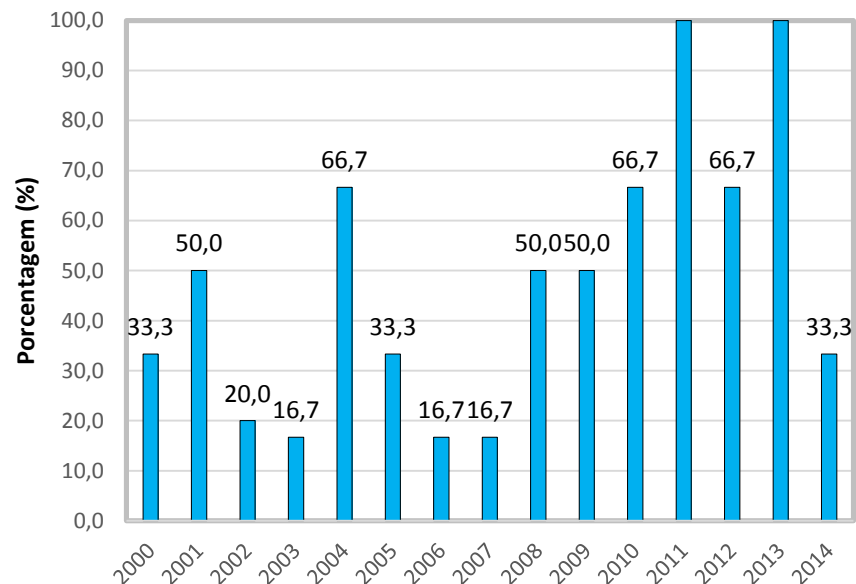
Evolução Temporal - Período Chuvoso



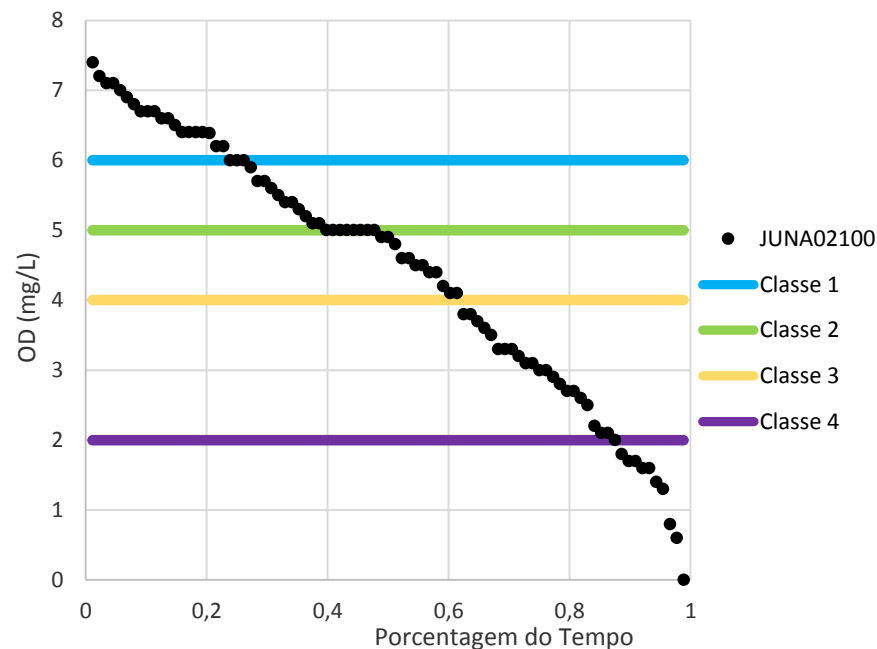
Rio Jundiaí
JUNA 02100

JUNA 02100 – Oxigênio Dissolvido (mg/L)

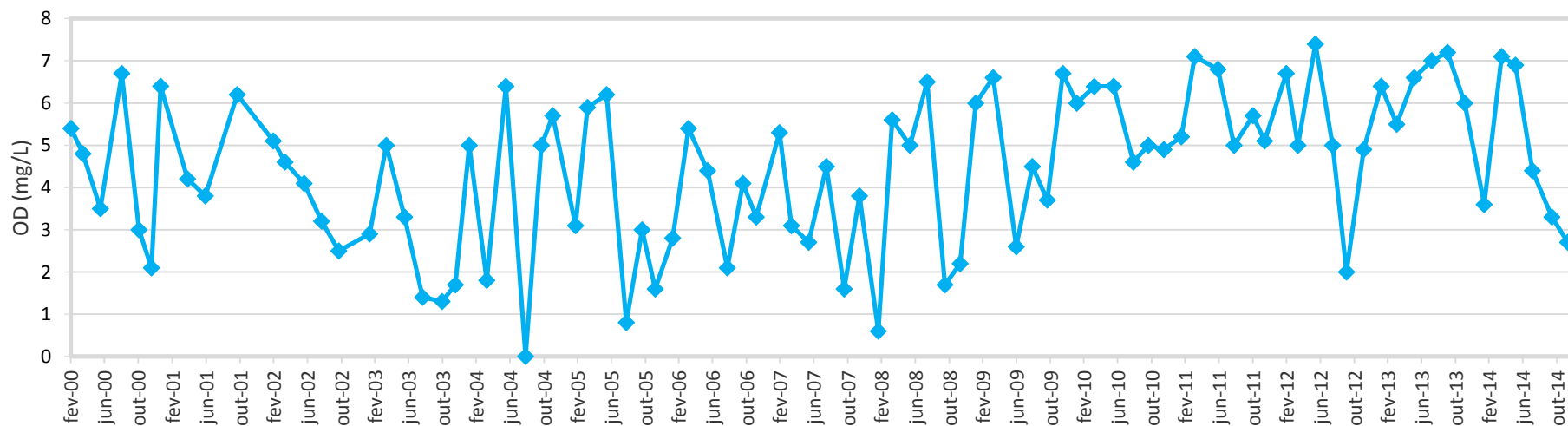
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

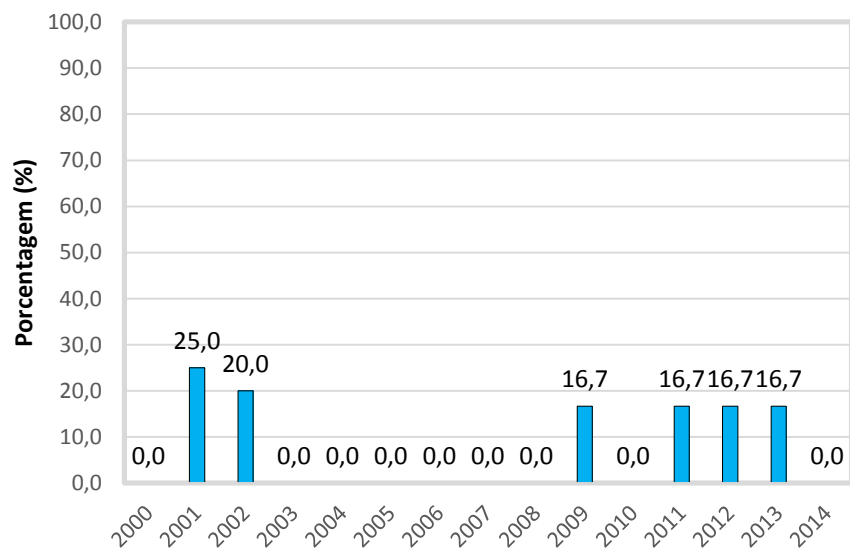


Evolução Temporal

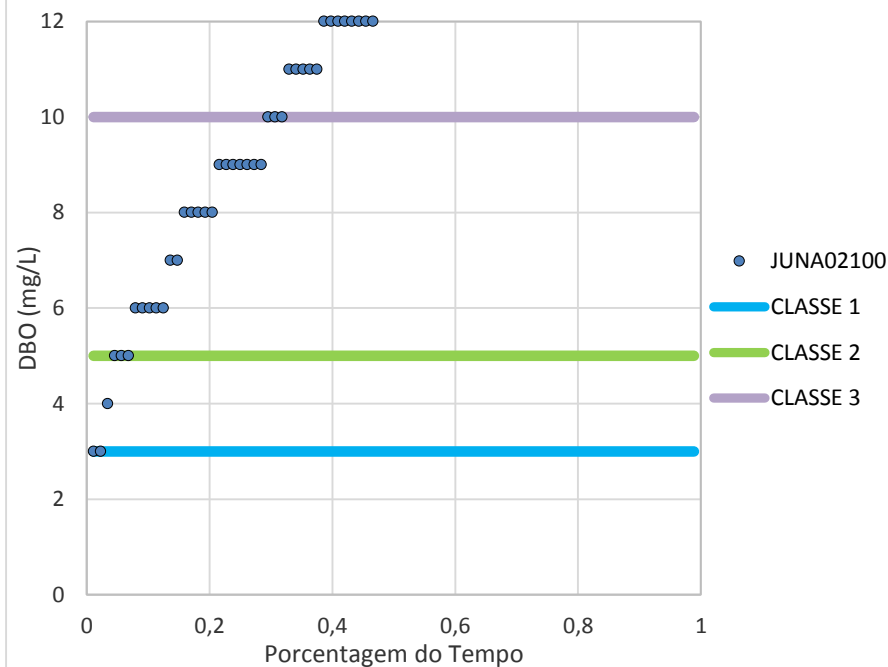


JUNA 02100 – DBO (mg/L)

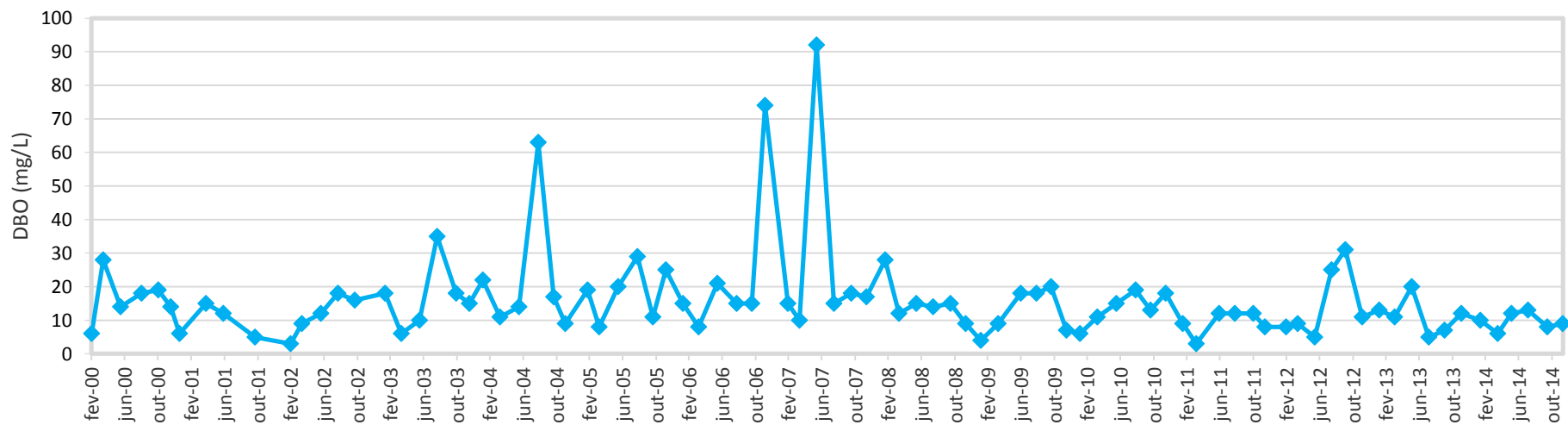
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

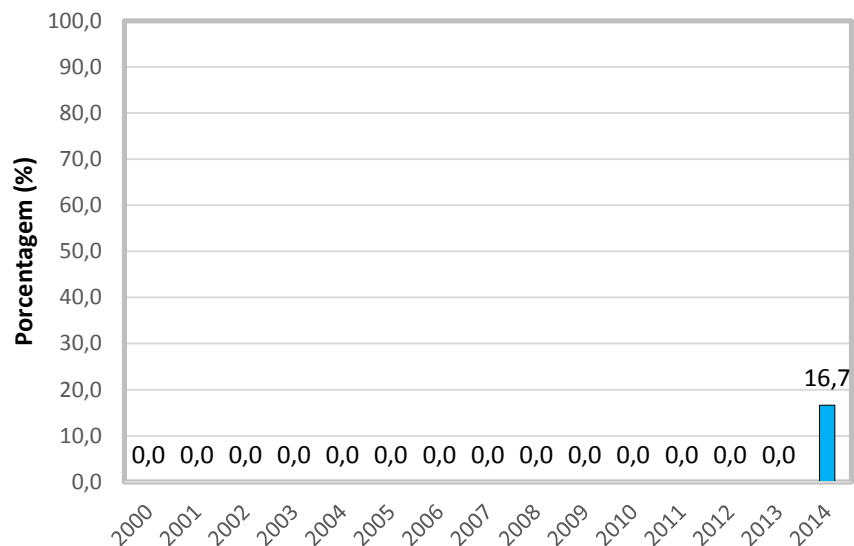


Evolução Temporal

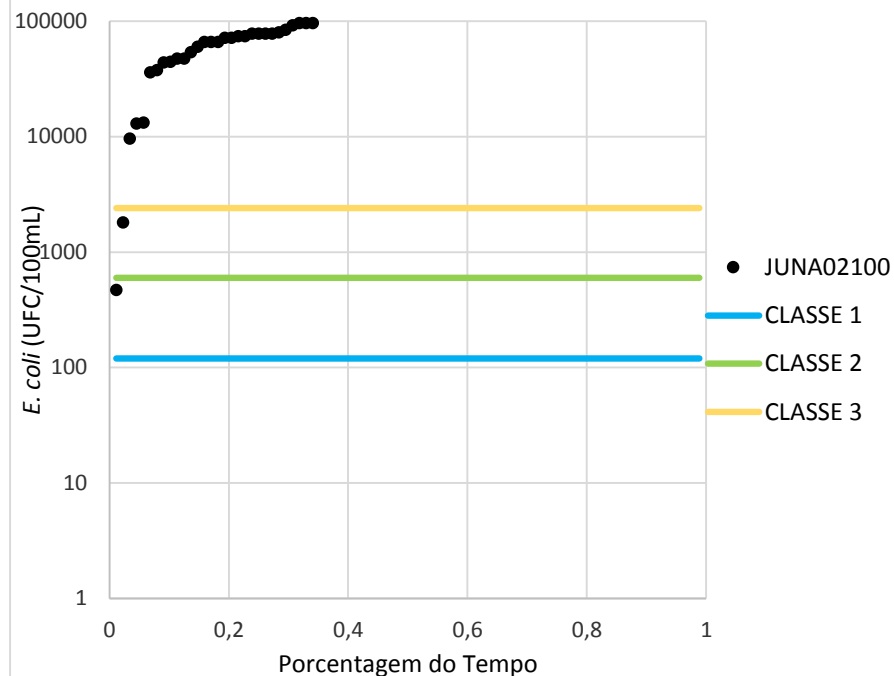


JUNA 02100 – *Escherichia coli* (UFC/100mL)

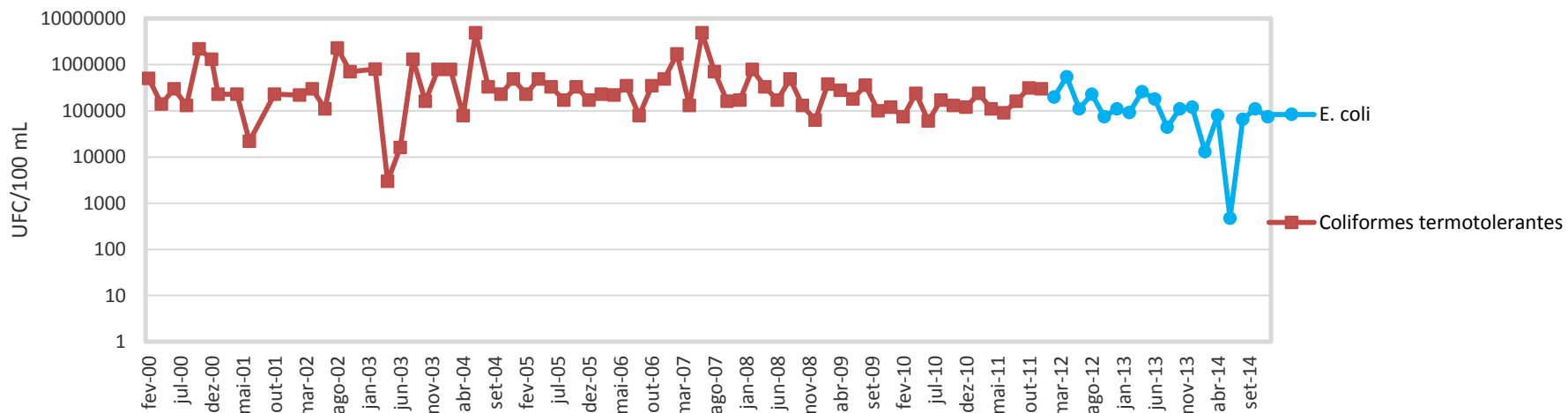
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

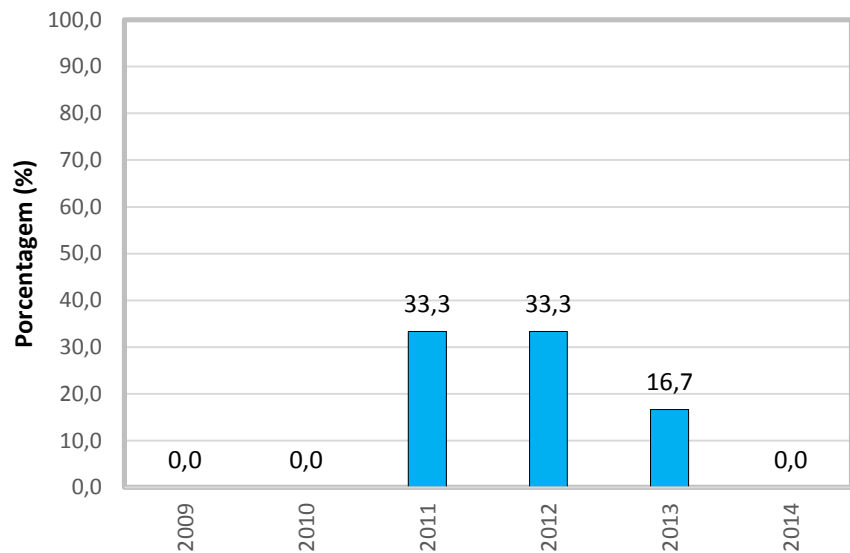


Evolução Temporal

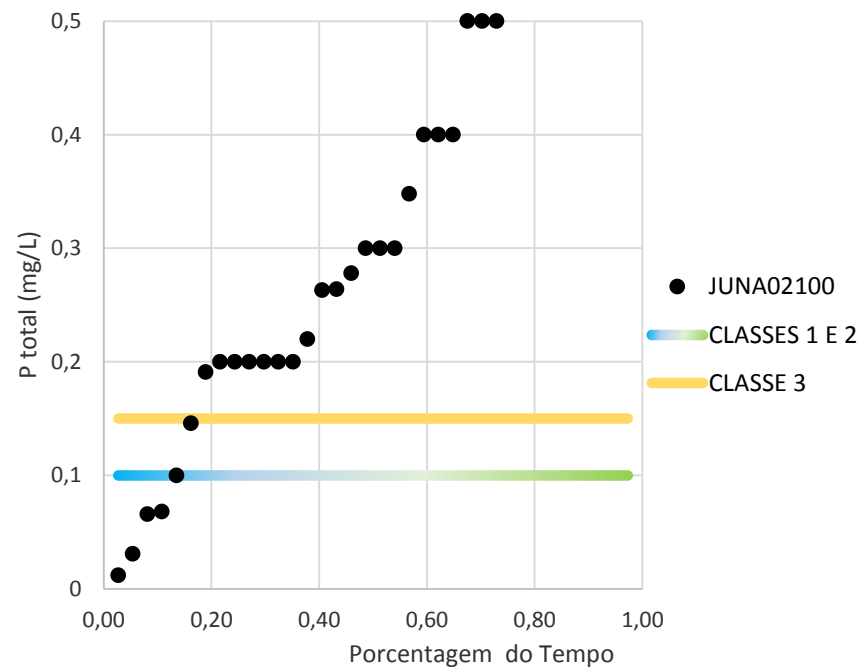


JUNA 02100 – Fósforo Total (mg/L)

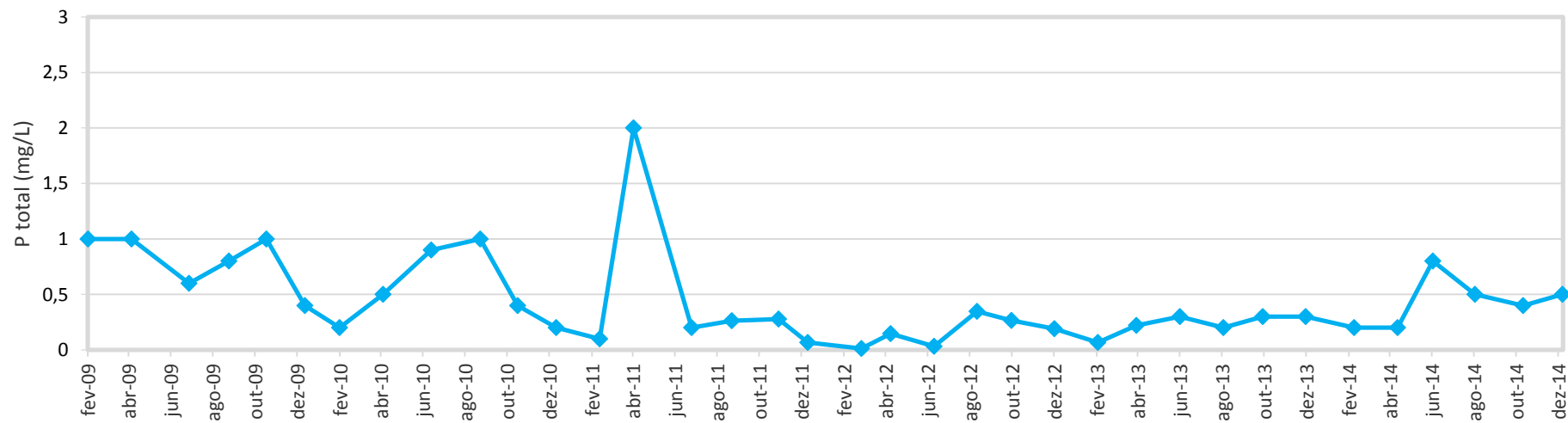
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

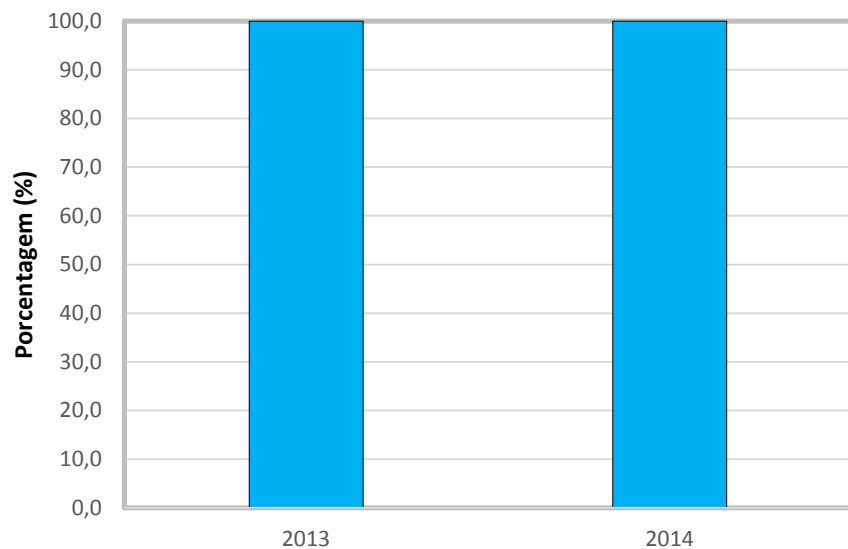


Evolução Temporal

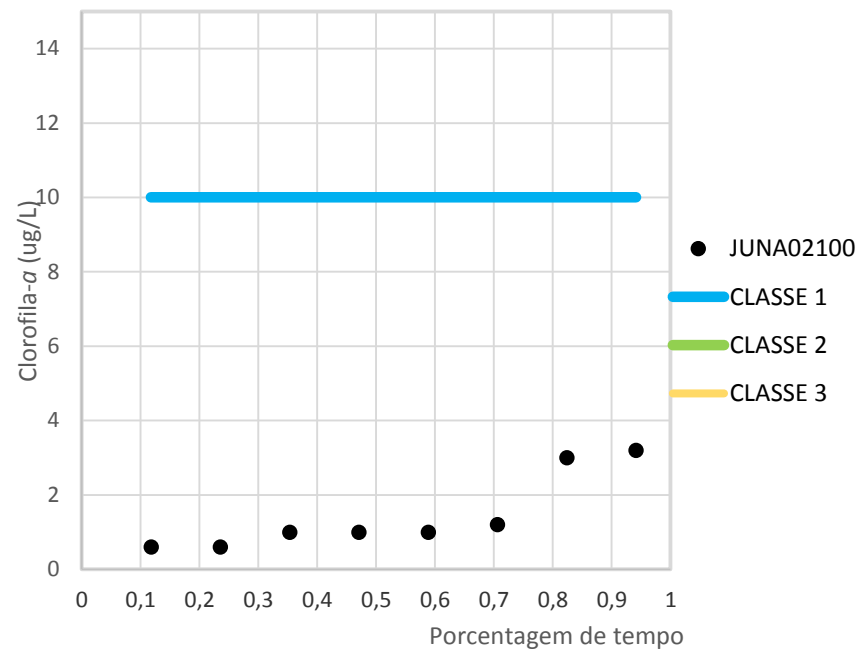


JUNA 02100 – Clorofila-*a* (µg/L)

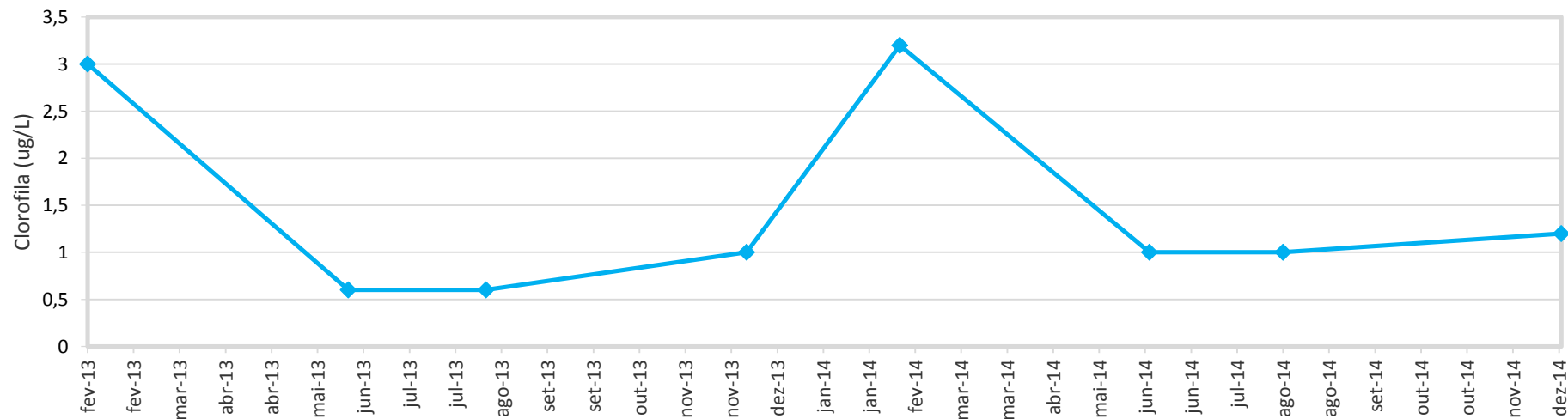
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila-*a*



Curva de Permanência

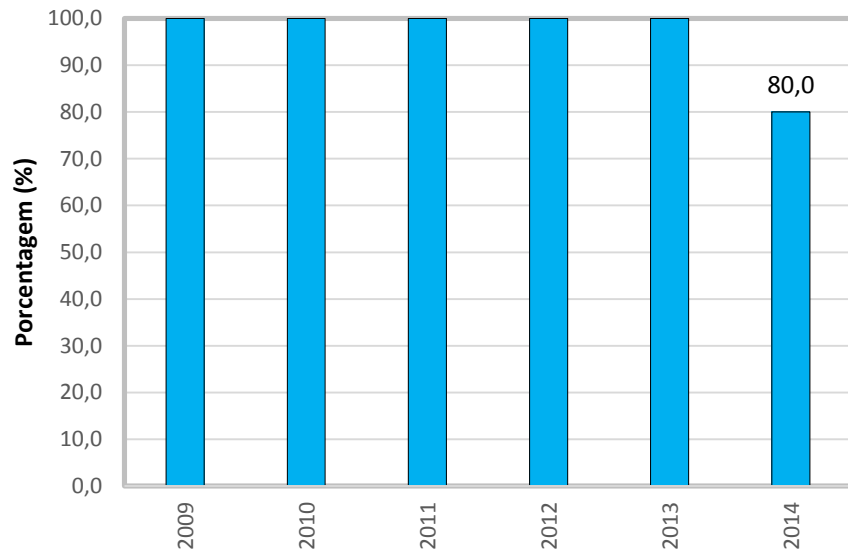


Evolução Temporal

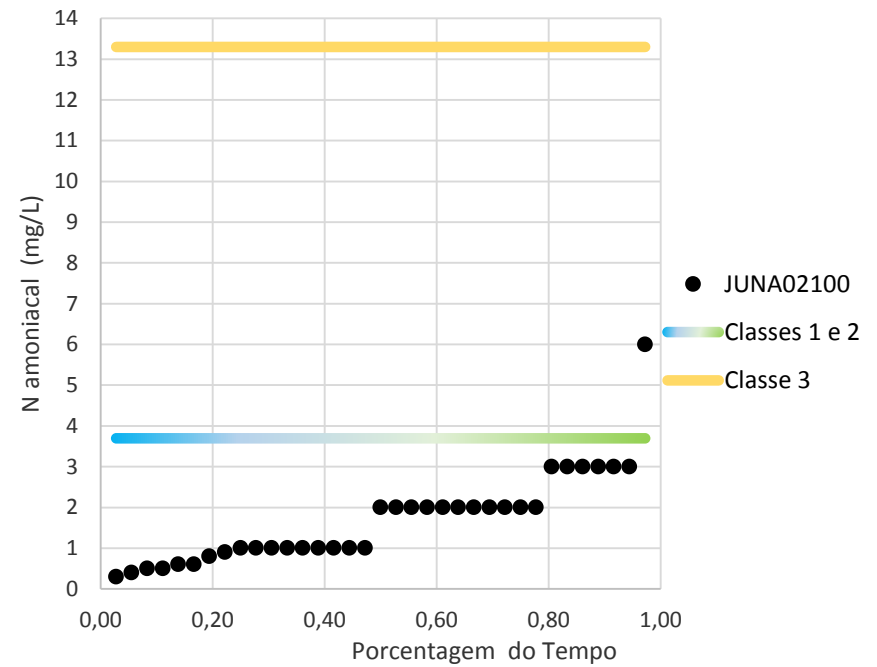


JUNA 02100 – Nitrogênio Amoniacal (mg/L)

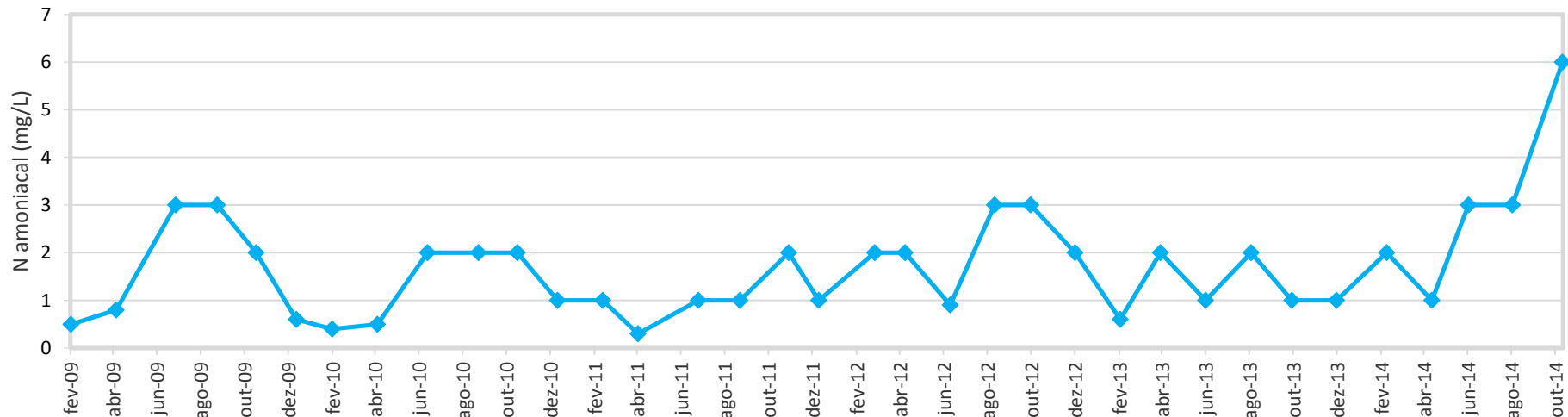
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

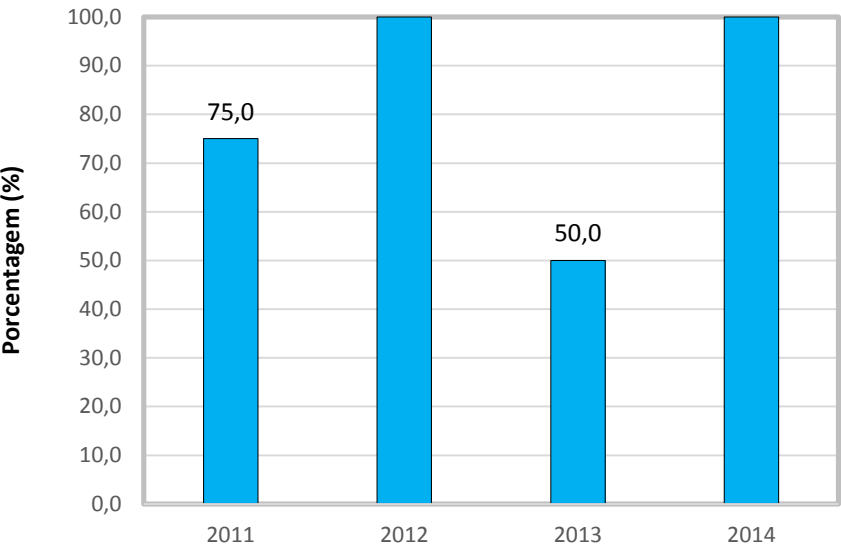


Evolução Temporal

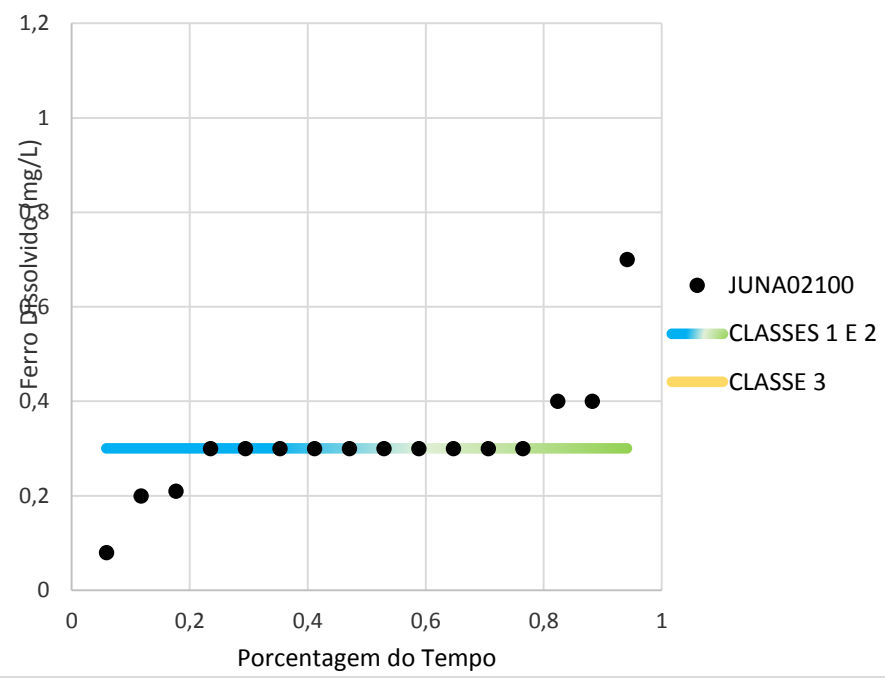


JUNA 02100 – Ferro Dissolvido (mg/L)

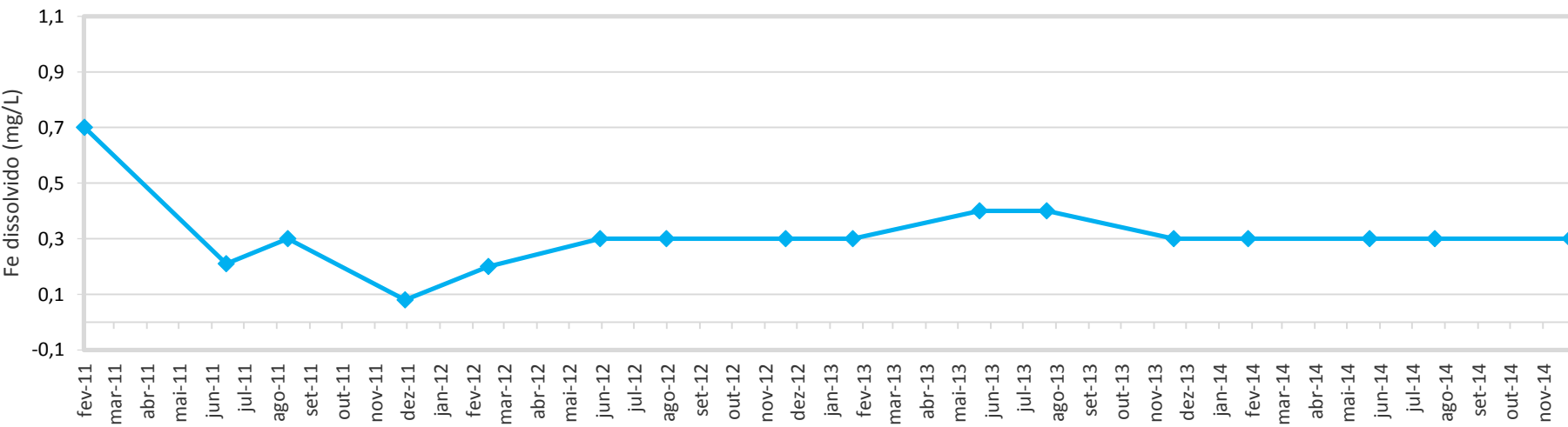
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

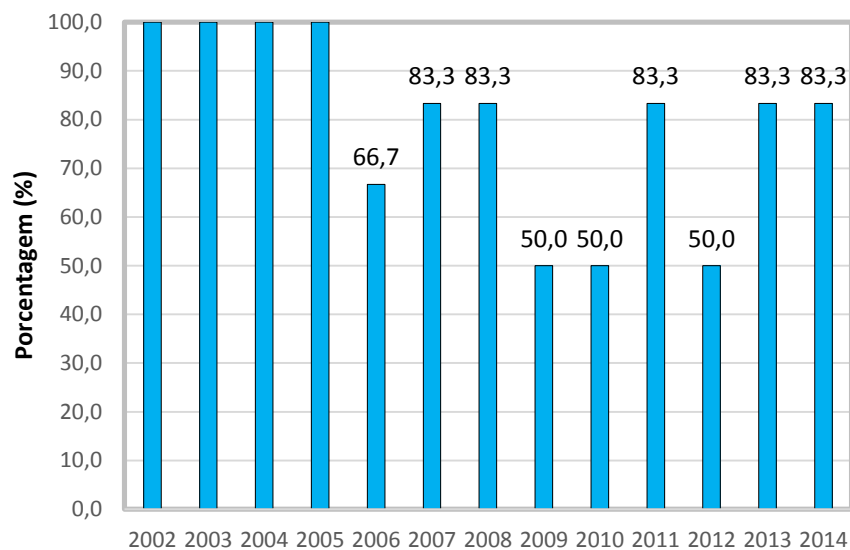


Evolução Temporal

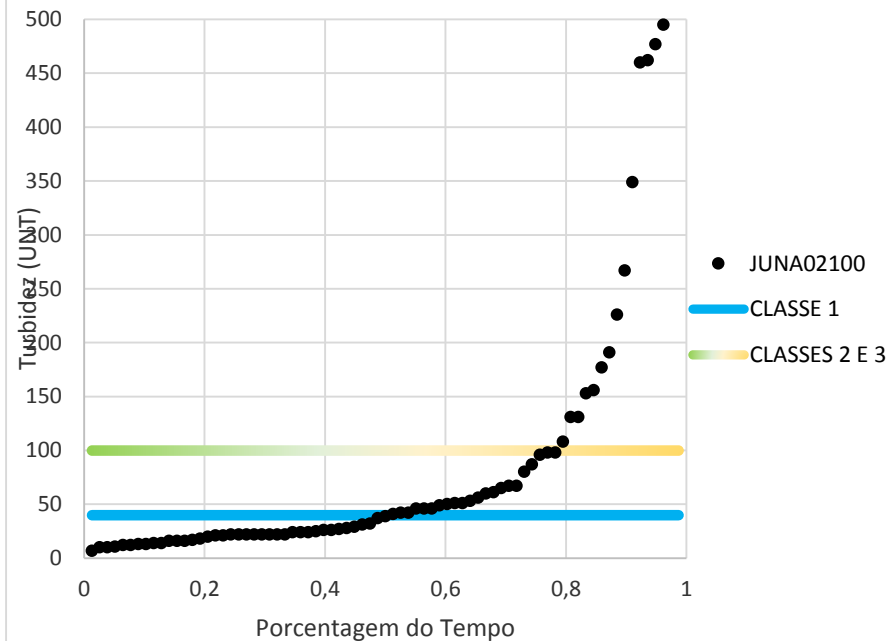


JUNA 02100 – Turbidez (UNT)

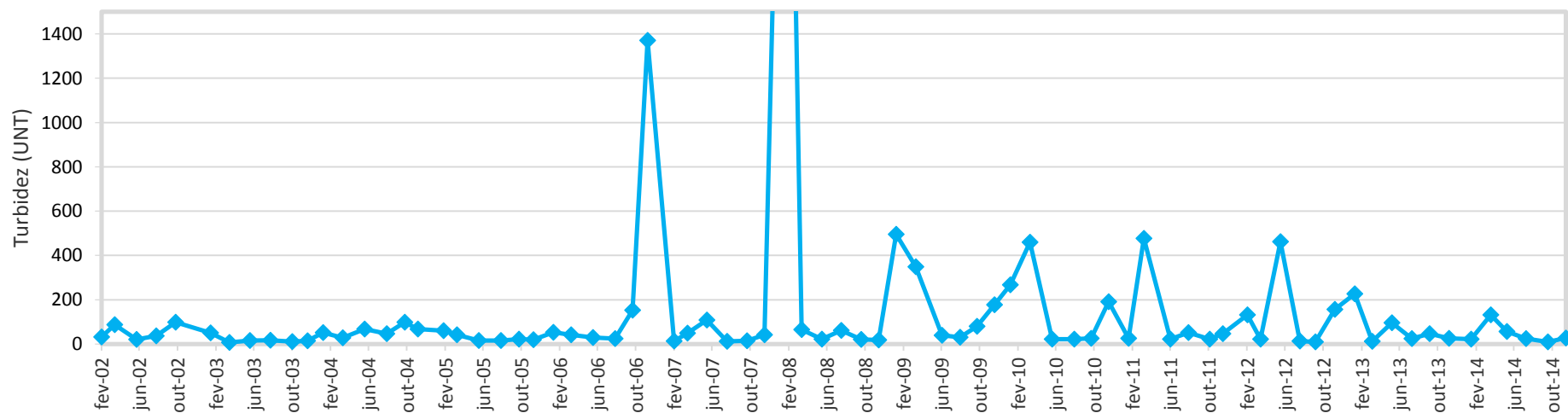
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

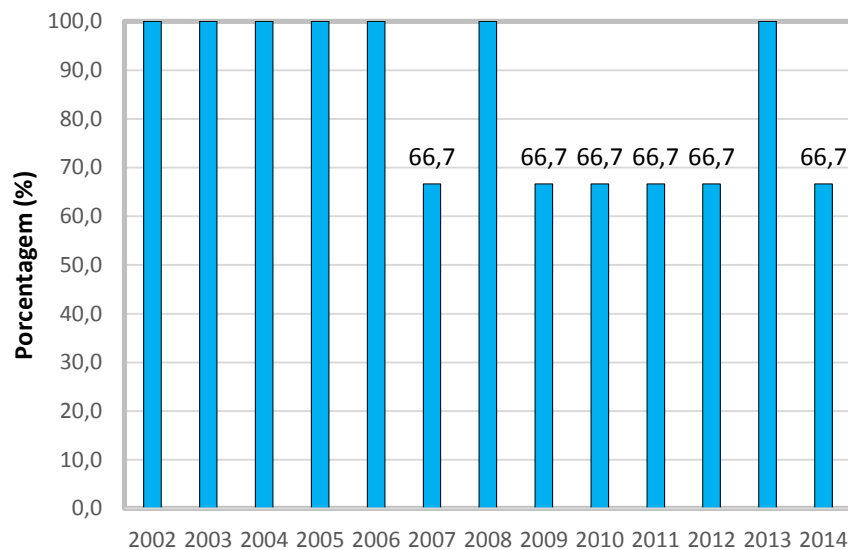


Evolução Temporal

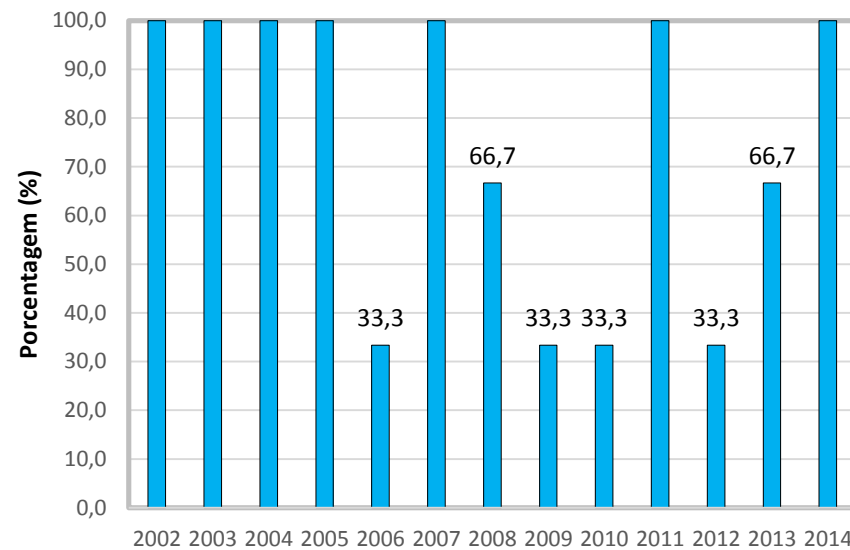


JUNA 02100 – Turbidez (Período Seco x Período Chuvoso)

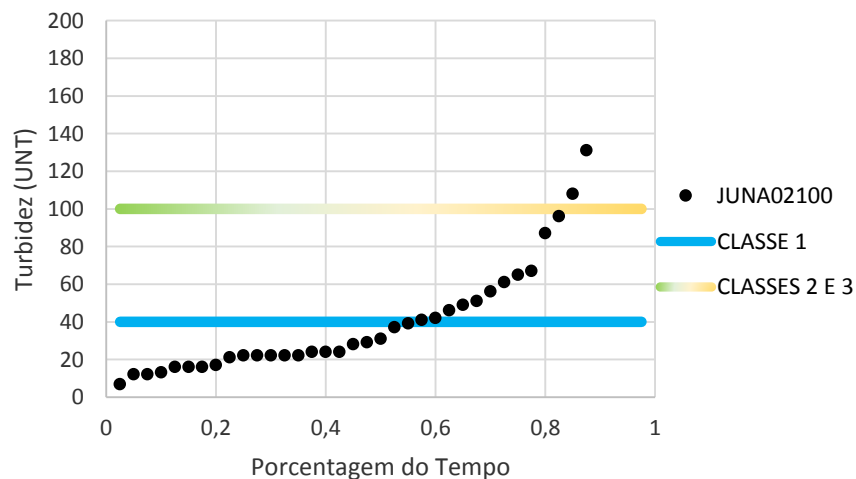
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



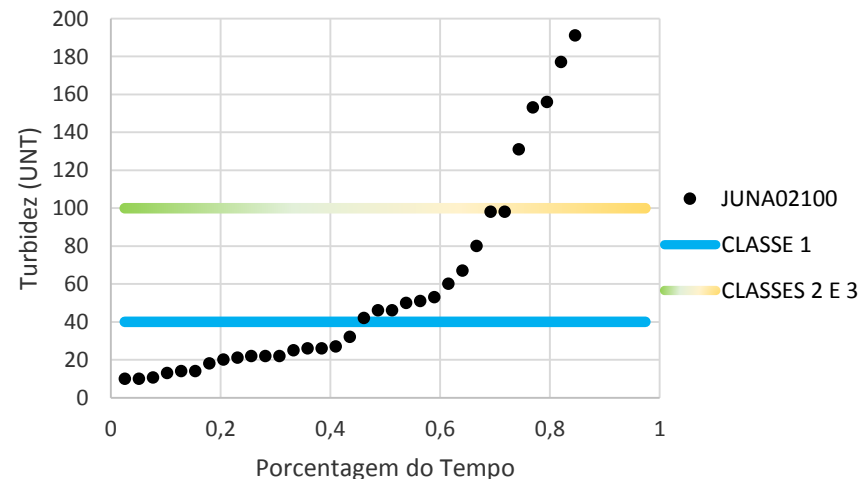
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

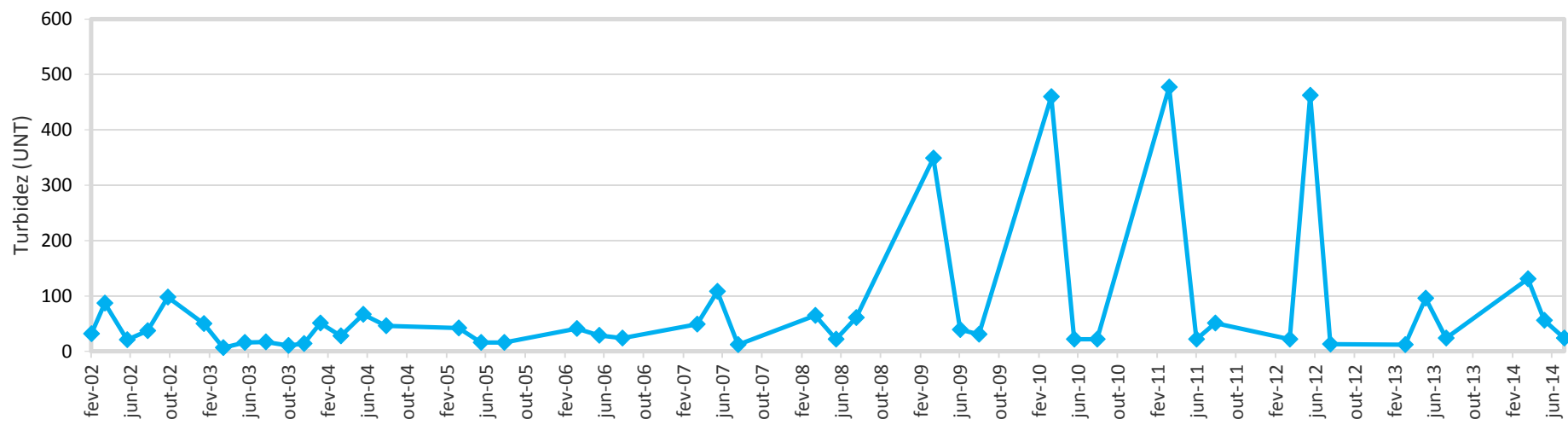


Curva de Permanência- Turbidez
(Período Chuvoso)

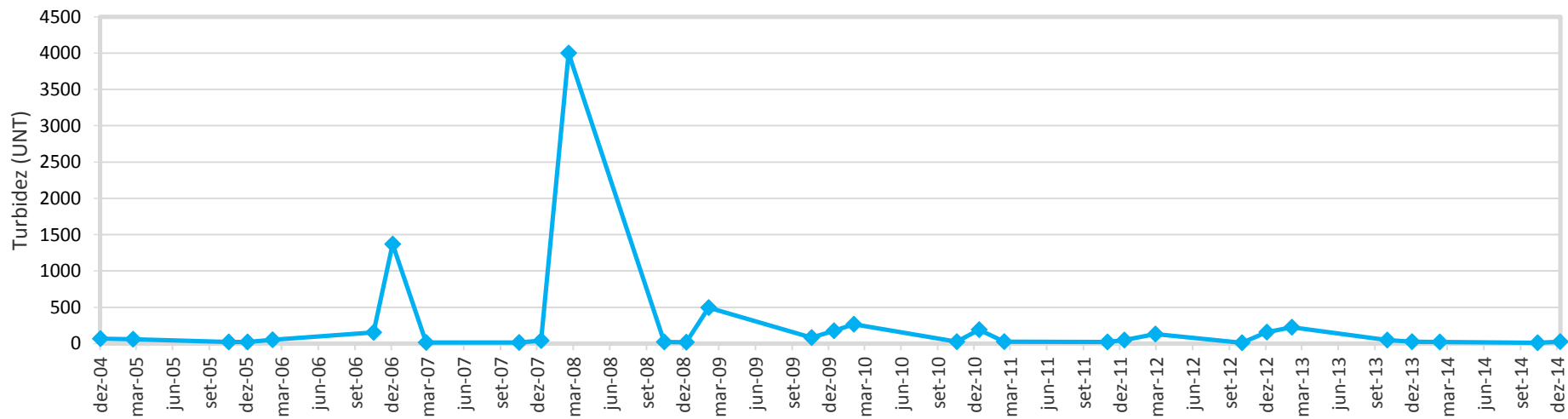


JUNA 02100 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



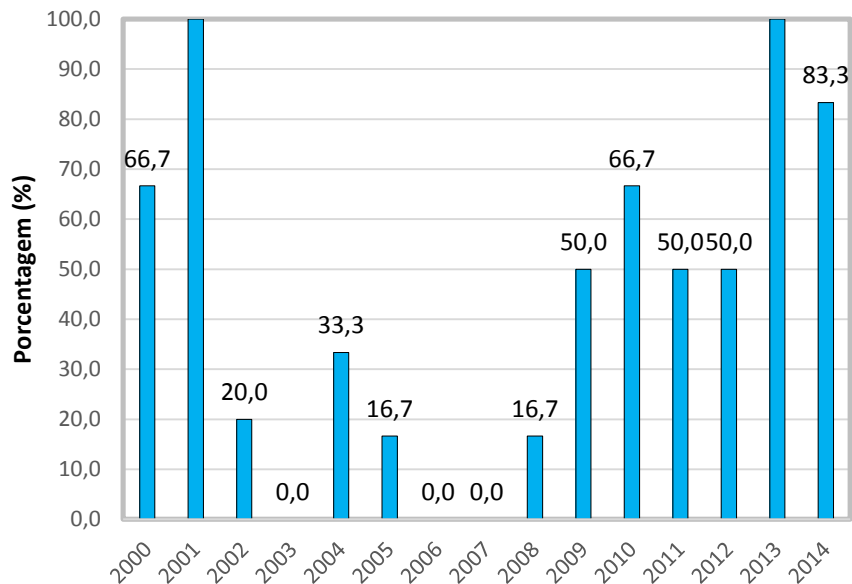
Evolução Temporal - Período Chuvoso



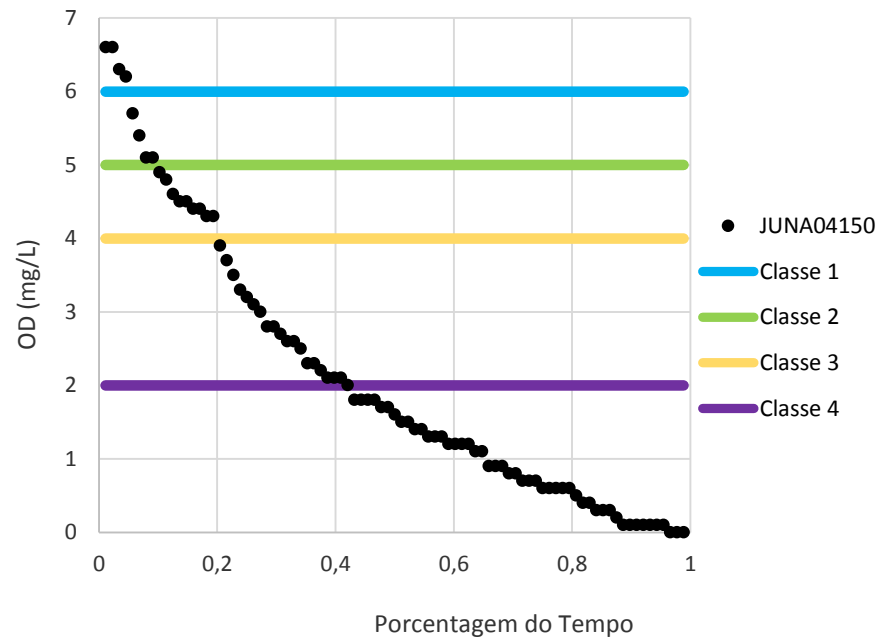
Rio Jundiaí
JUNA 04150

JUNA 04150 – Oxigênio Dissolvido (mg/L)

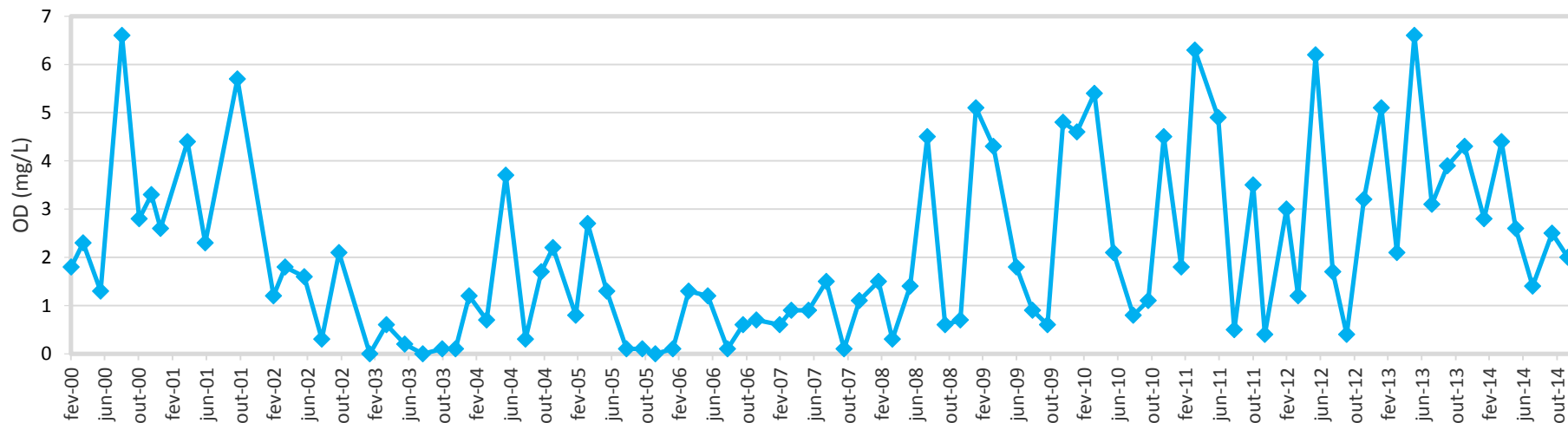
Porcentagem de Atendimento ao Padrão Classe 4 - OD



Curva de Permanência



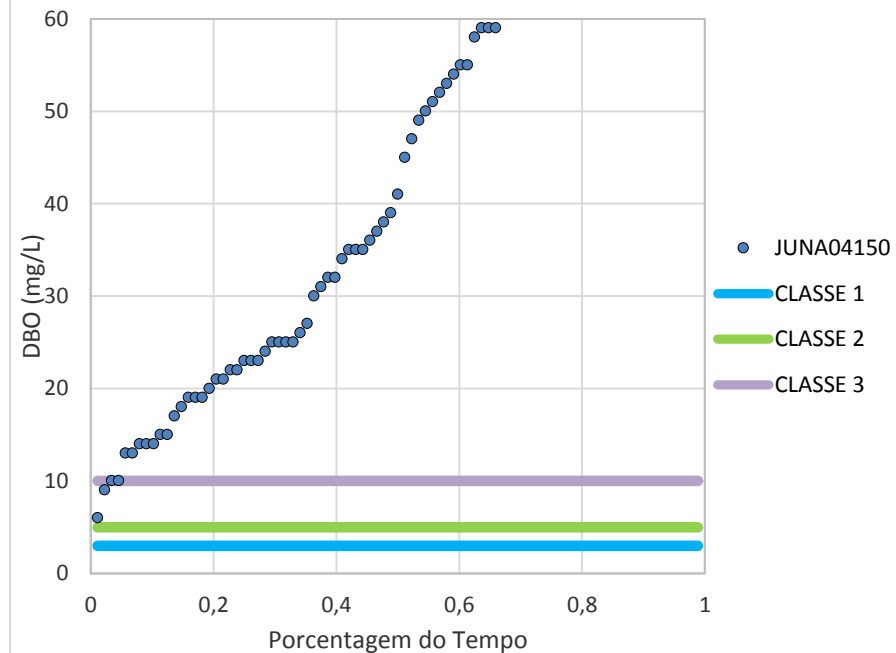
Evolução Temporal



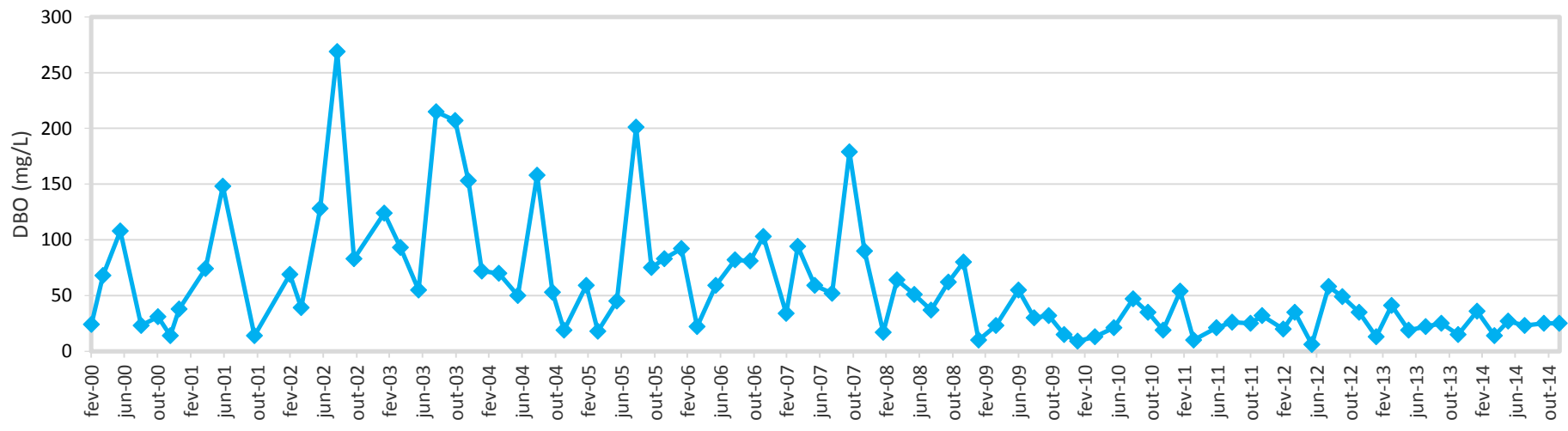
JUNA 04150 – DBO (mg/L)

Não há padrão para Classe 04

Curva de Permanência



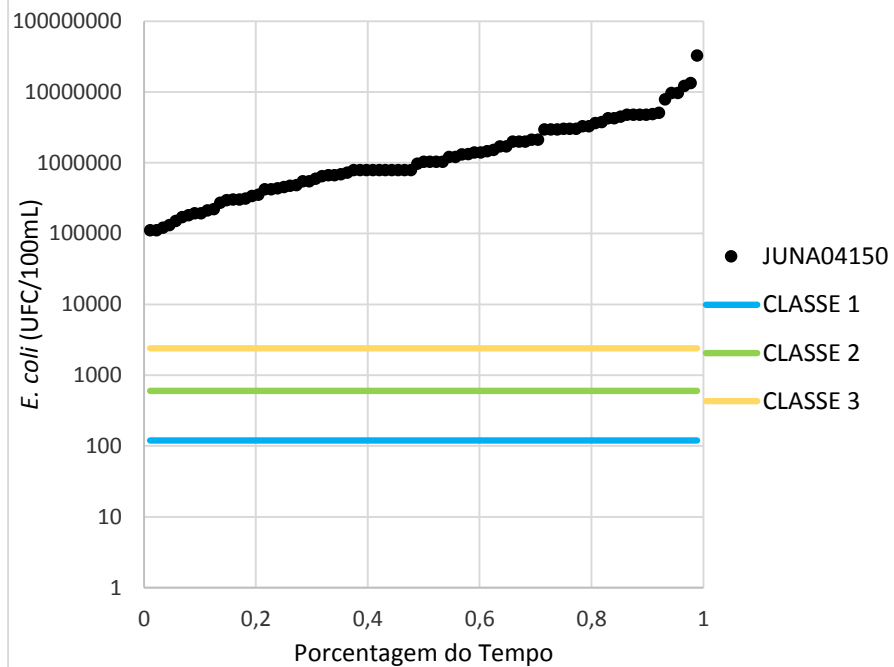
Evolução Temporal



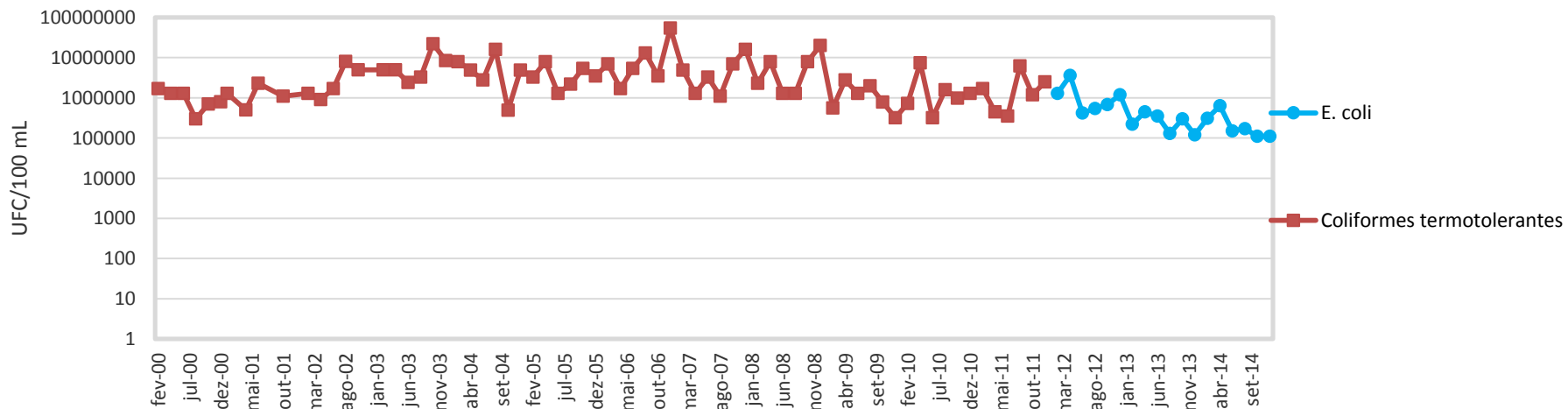
JUNA 04150 – *Escherichia coli* (UFC/100mL)

Não há padrão para Classe 04

Curva de Permanência

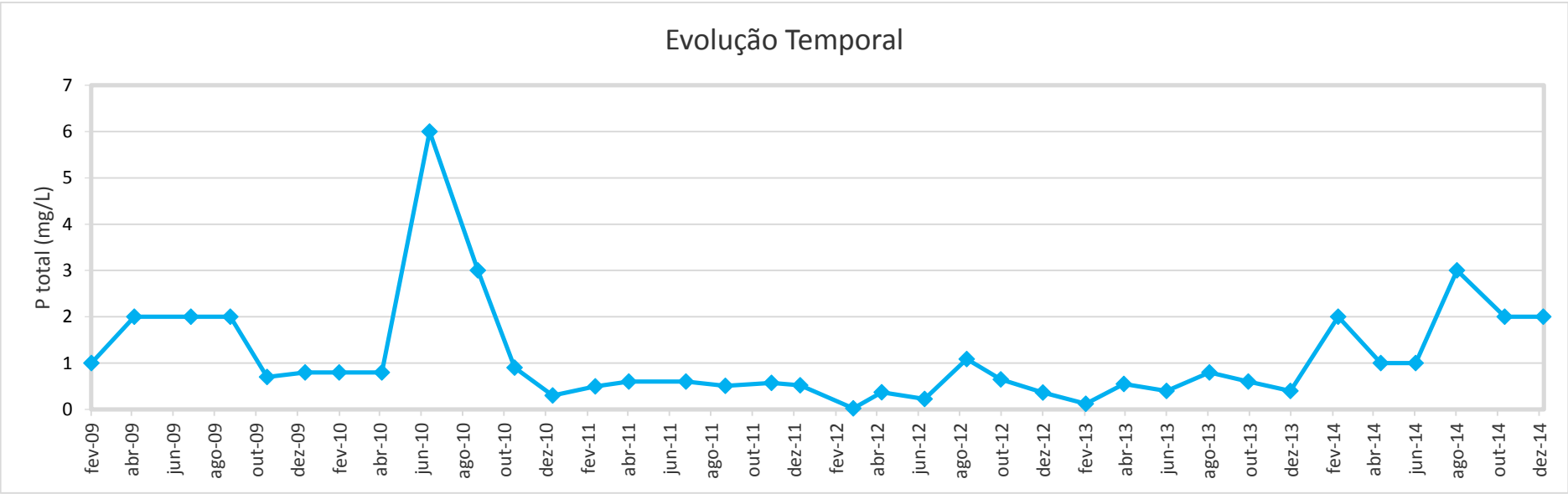
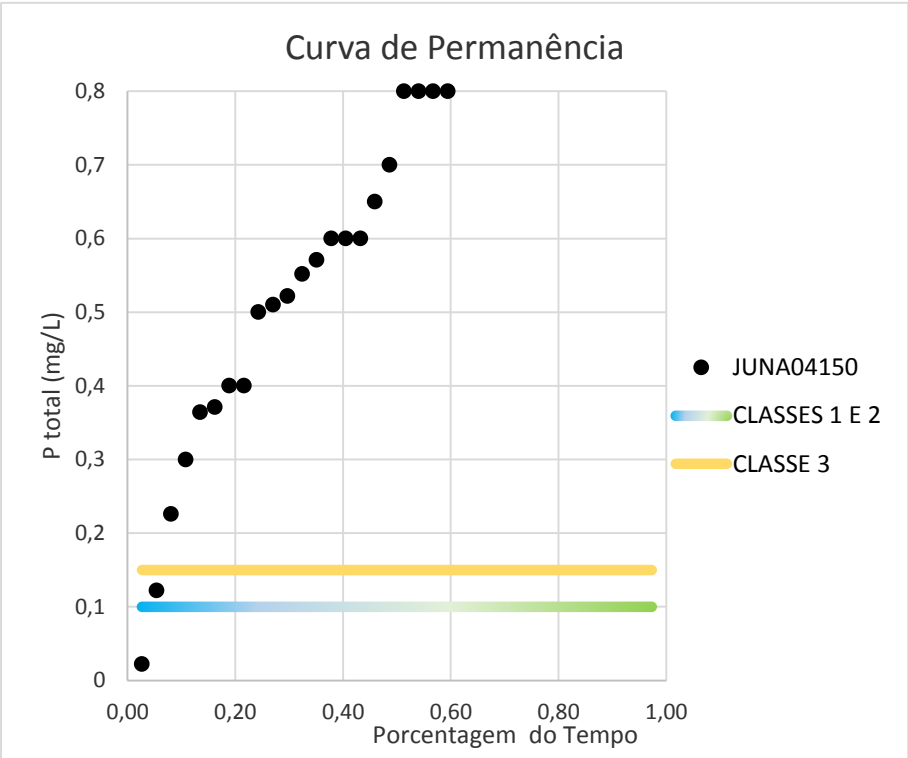


Evolução Temporal



JUNA 04150 – Fósforo Total (mg/L)

Não há padrão para Classe 04

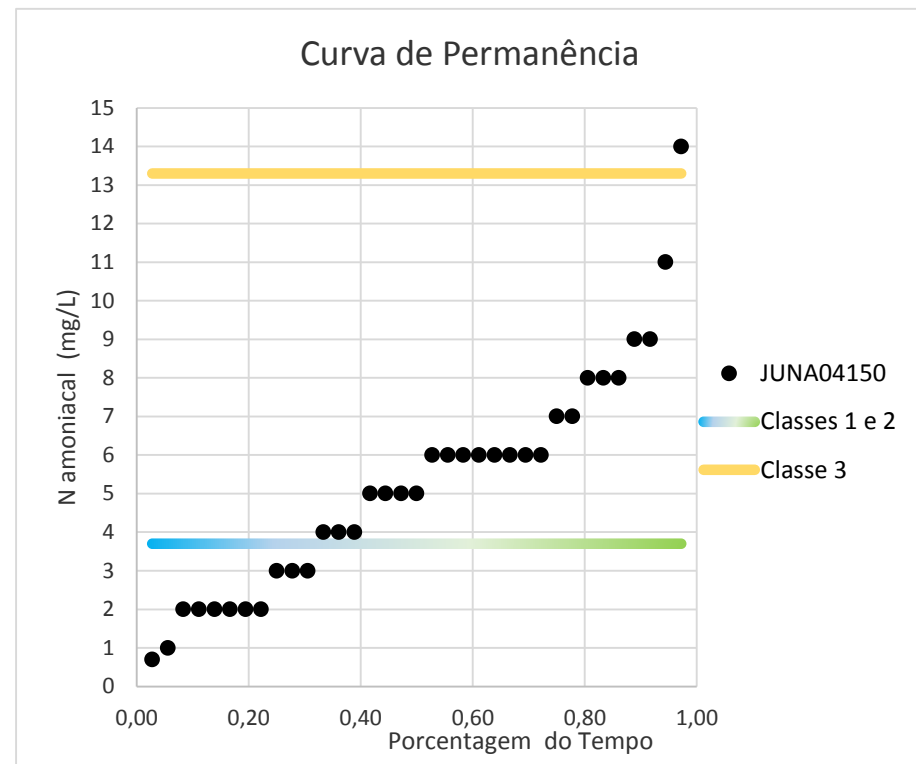


JUNA 04150 - Clorofila a ($\mu\text{g/L}$)

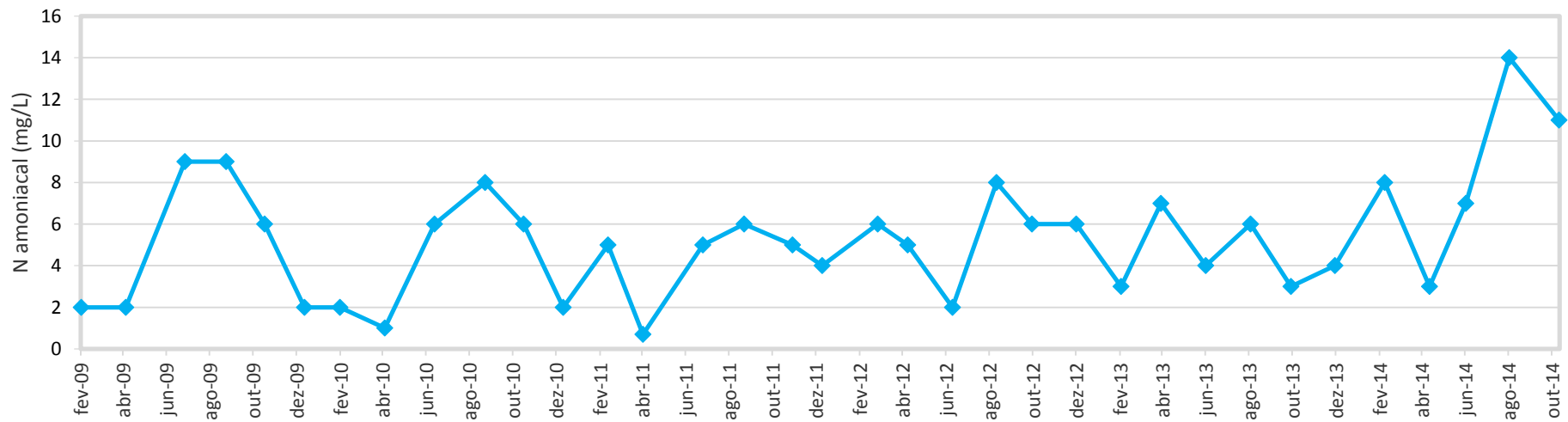
Variável não monitorada

JUNA 04150 – Nitrogênio Amoniacal (mg/L)

Não há padrão para Classe 04

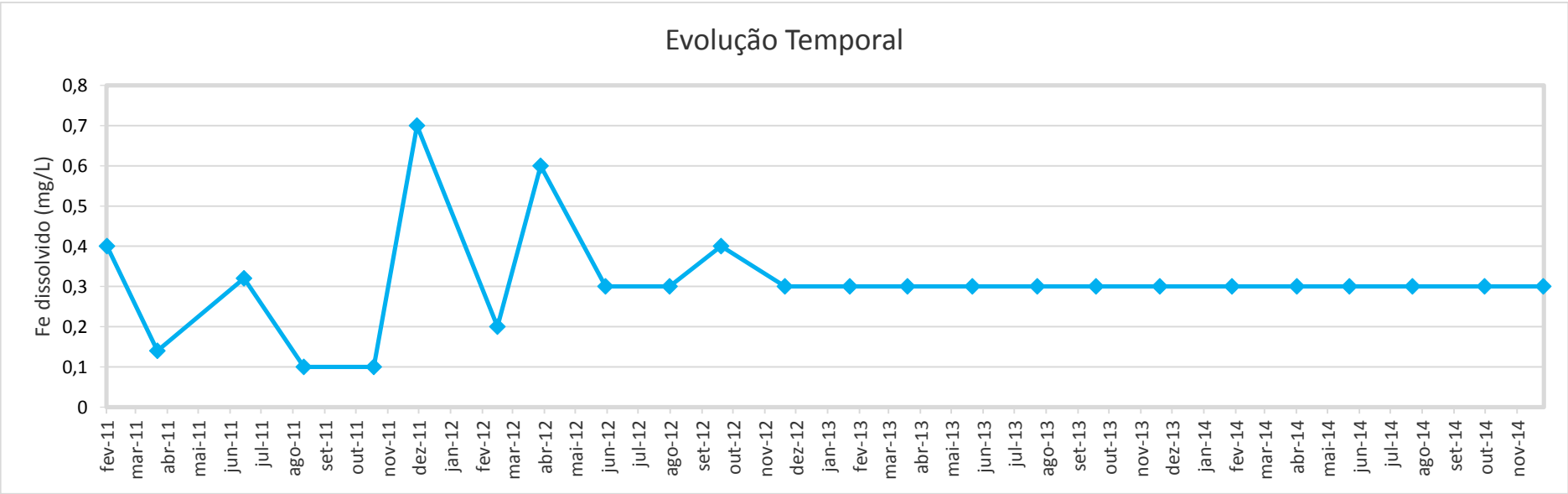
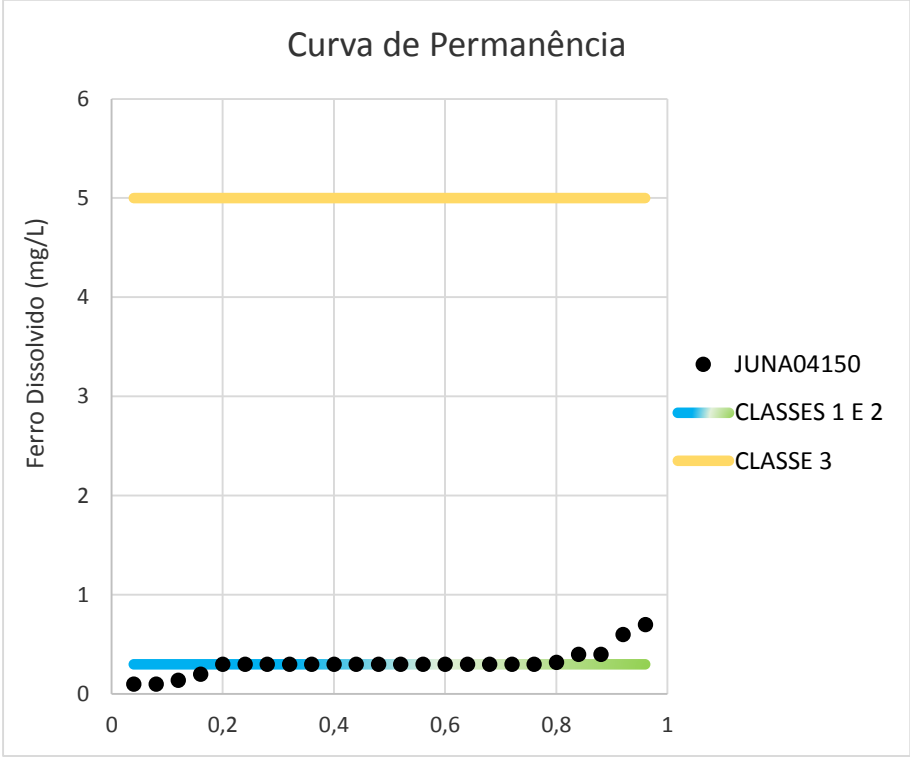


Evolução Temporal



JUNA 04150 – Ferro Dissolvido (mg/L)

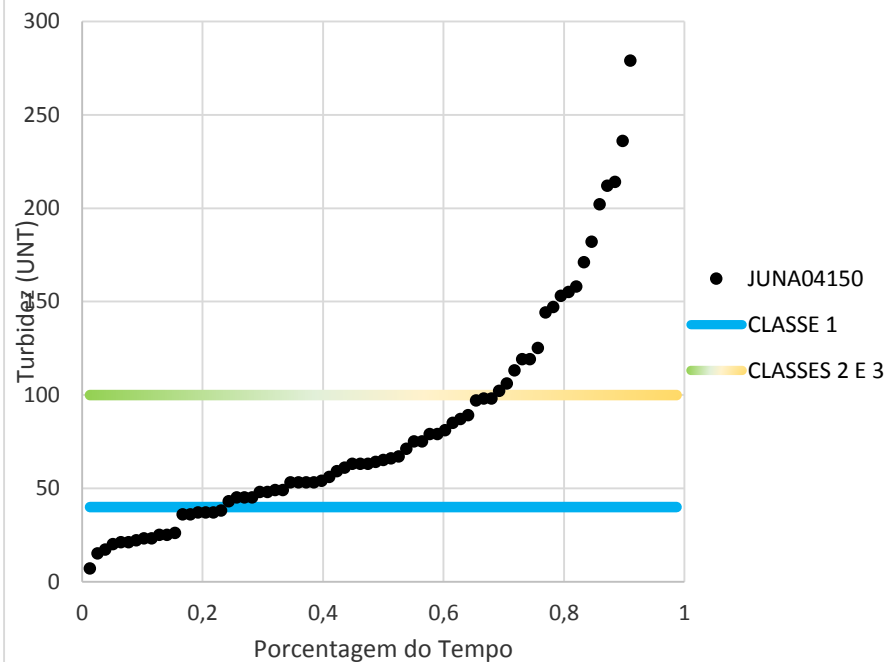
Não há padrão para Classe 04



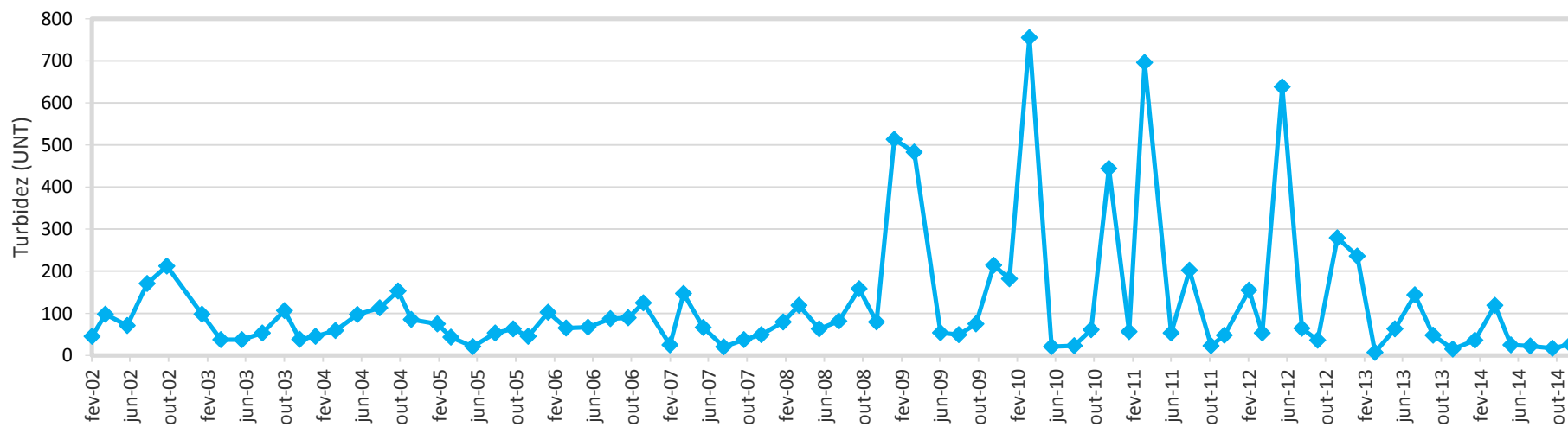
JUNA 04150 – Turbidez (UNT)

Não há padrão para Classe 04

Curva de Permanência- Turbidez (Geral)

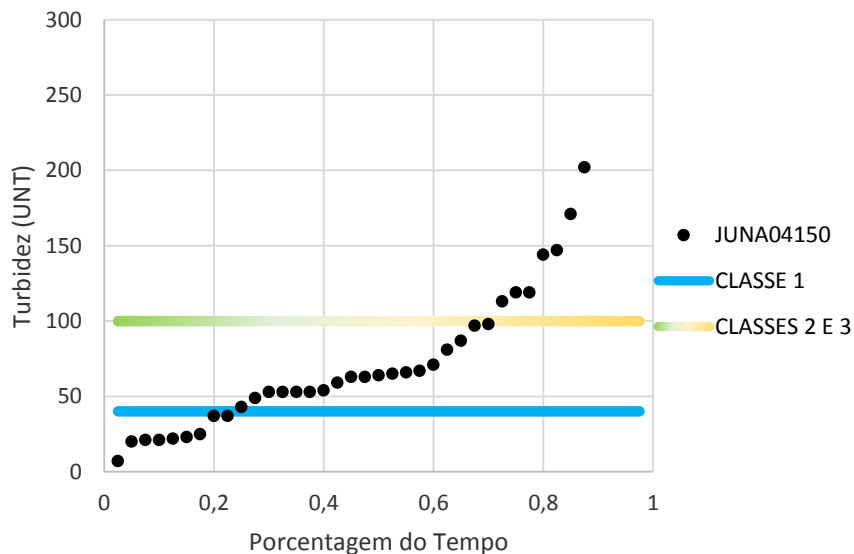


Evolução Temporal

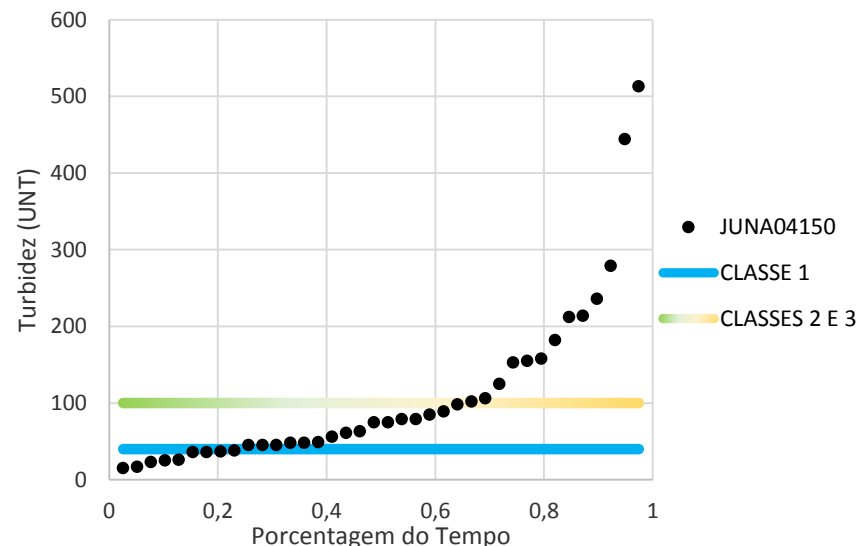


JUNA 04150 – Turbidez (Período Seco x Período Chuvoso)

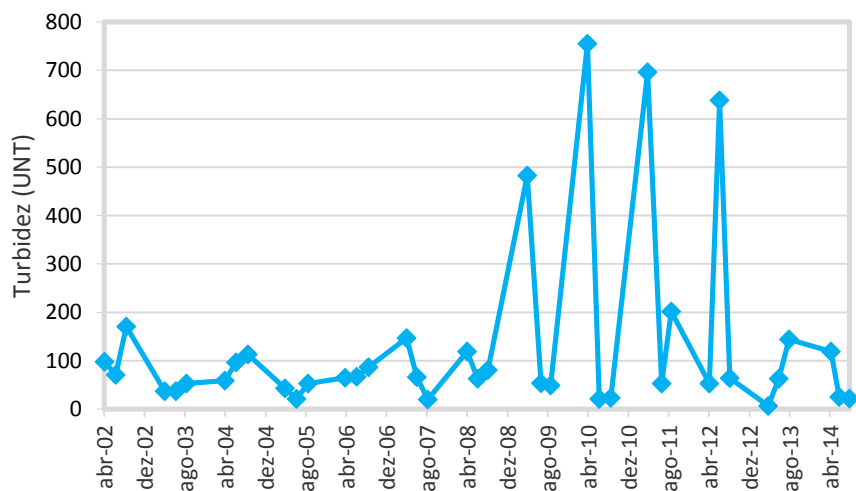
Curva de Permanência- Turbidez (Período Seco)



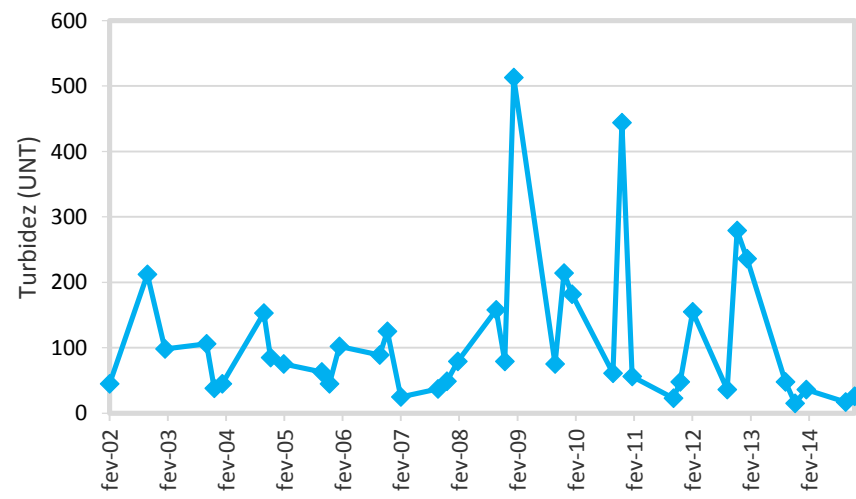
Curva de Permanência- Turbidez (Período Chuvoso)



Evolução Temporal - Período Seco



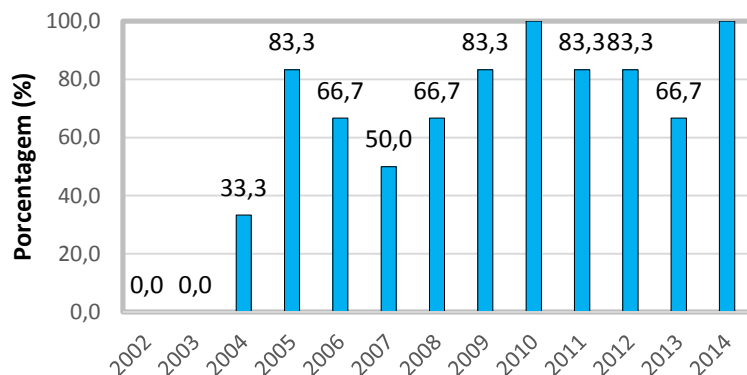
Evolução Temporal - Período Chuvoso



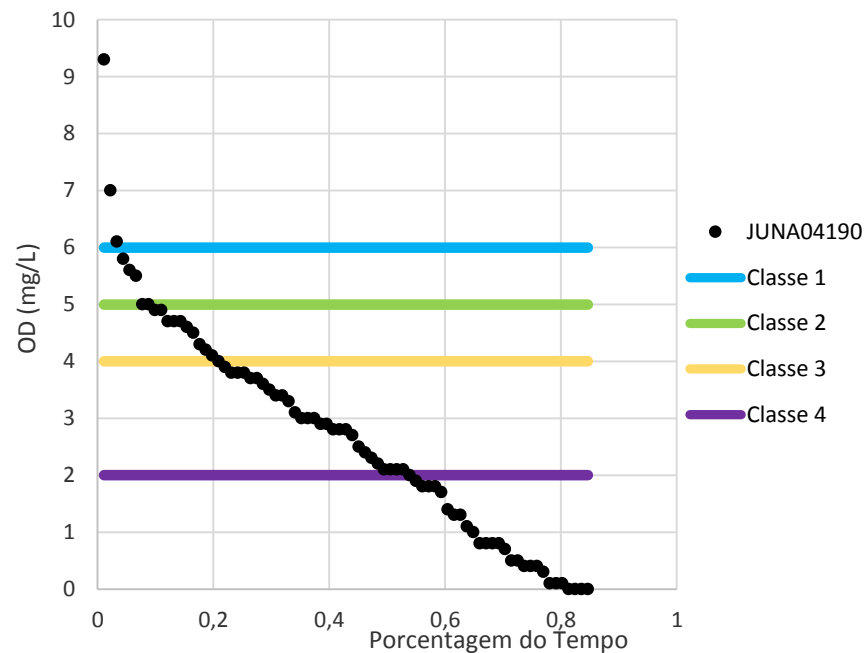
Rio Jundiaí
JUNA 04190

JUNA 04190 – Oxigênio Dissolvido (mg/L)

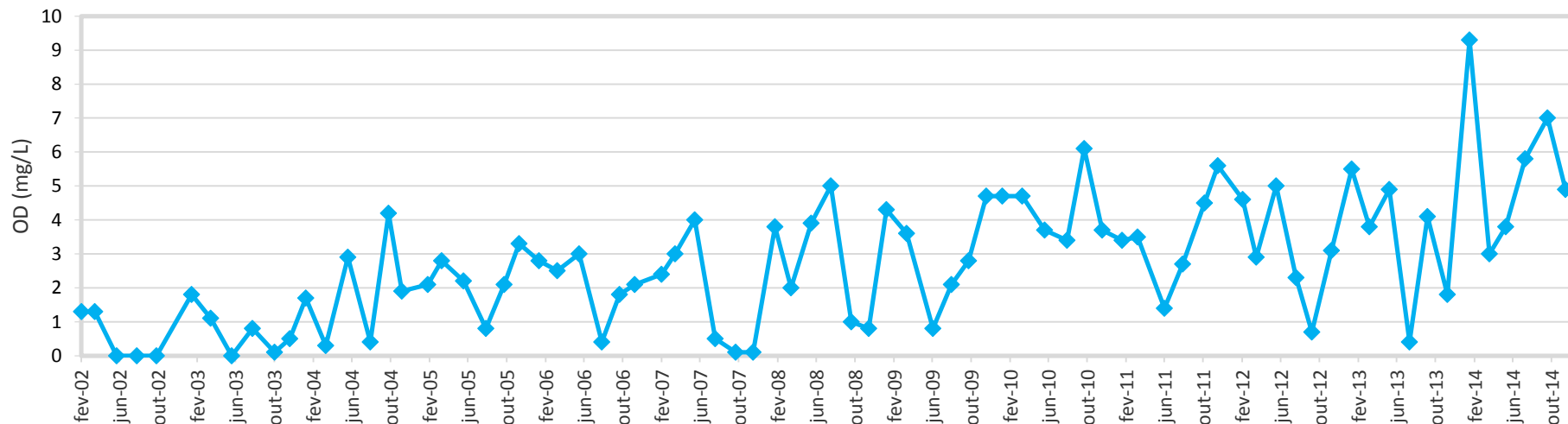
Porcentagem de Atendimento ao Padrão Classe 4 - OD



Curva de Permanência



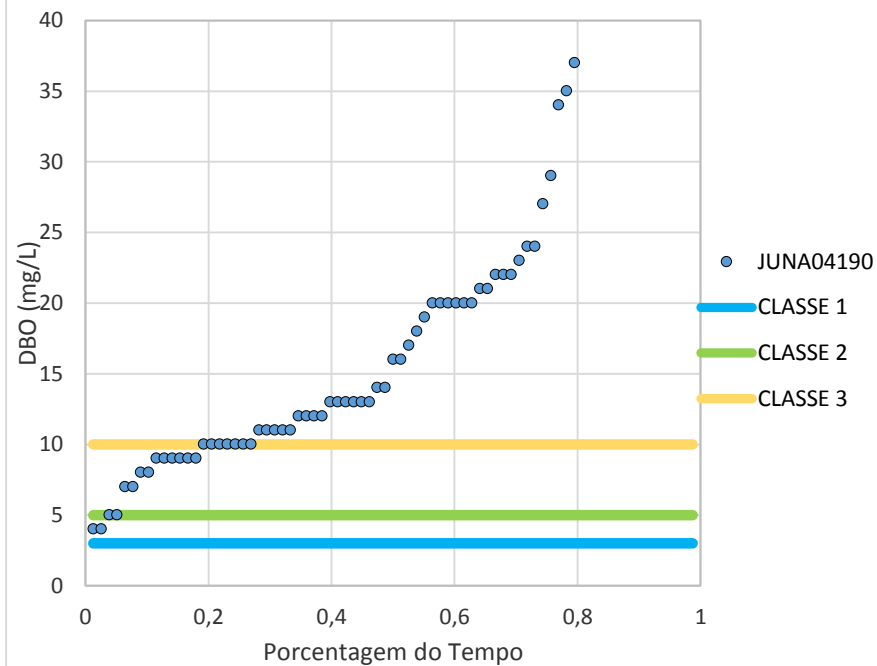
Evolução Temporal



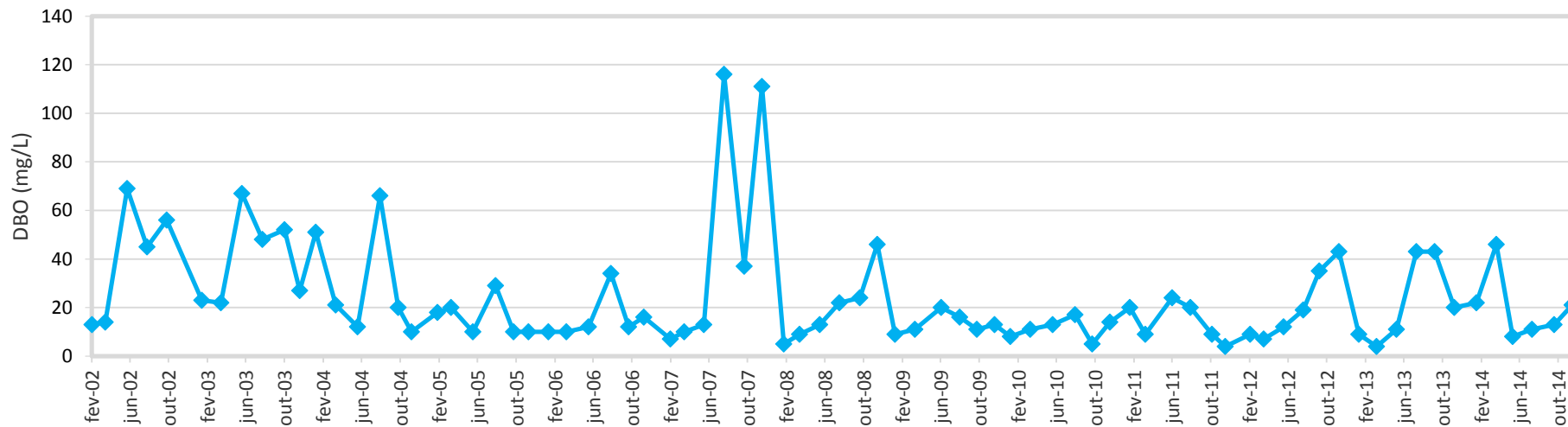
JUNA 04190 – DBO (mg/L)

Não há padrão para Classe 04

Curva de Permanência

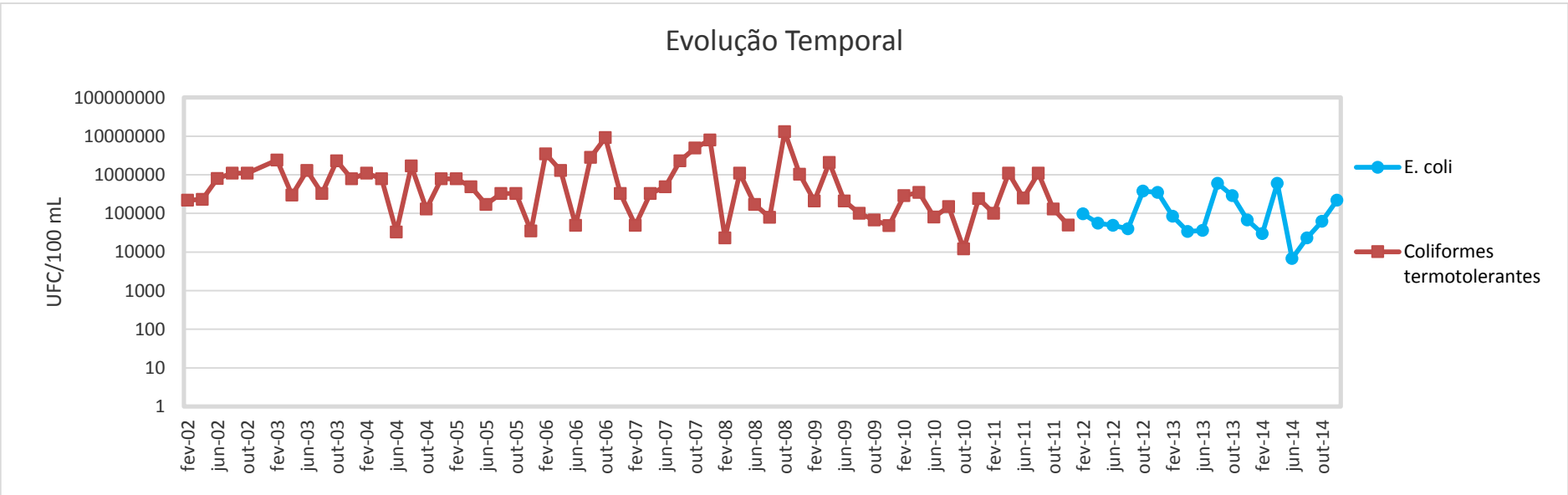
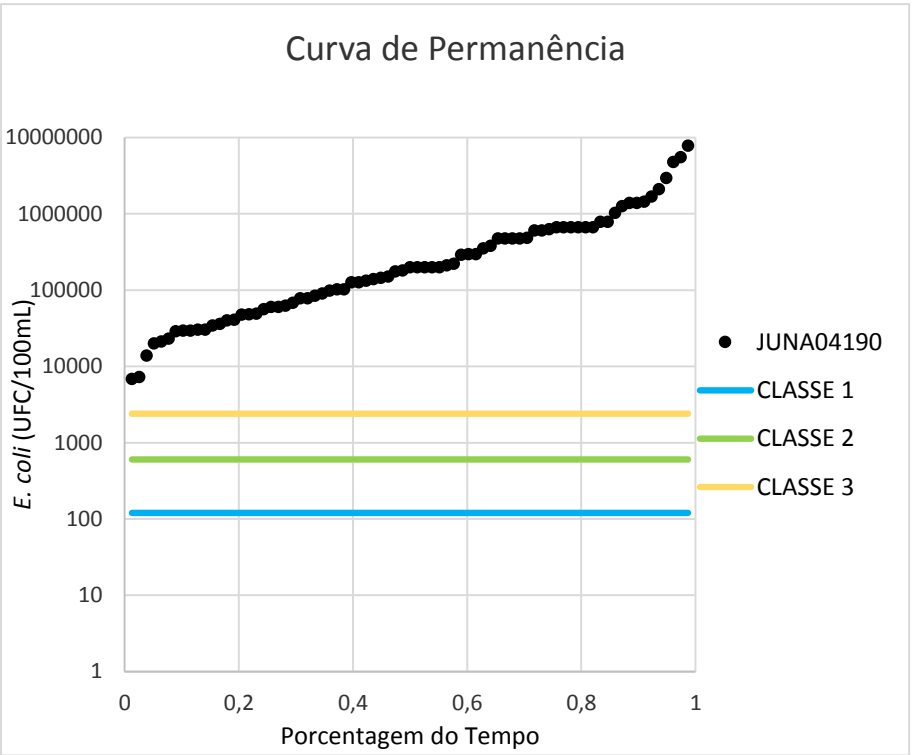


Evolução Temporal



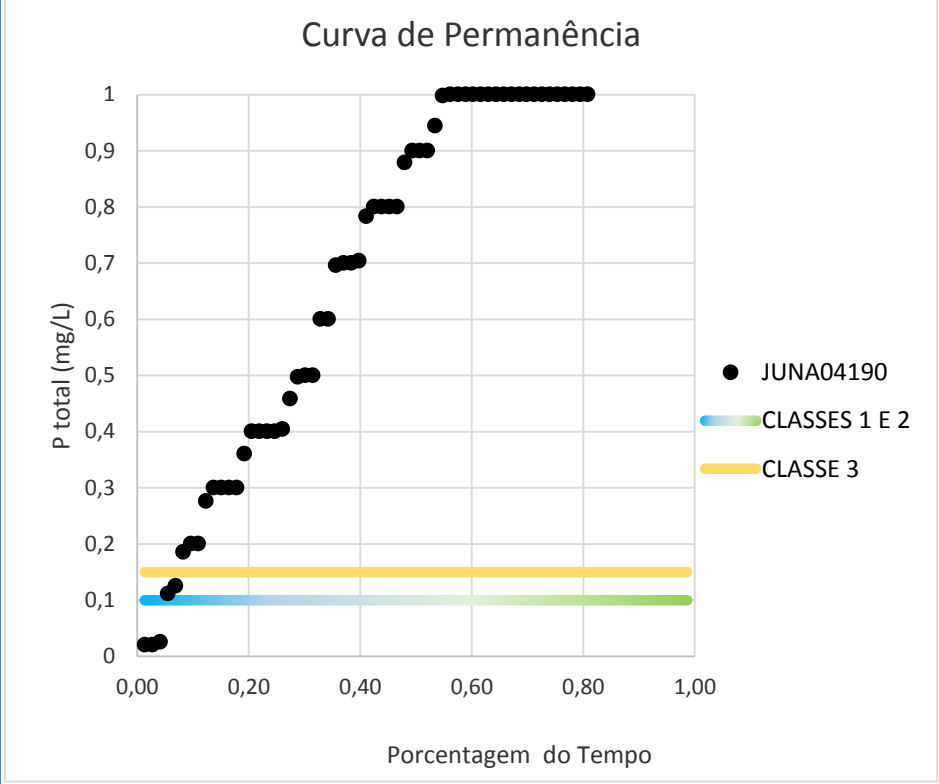
JUNA 04190 – *Escherichia coli* (UFC/100mL)

Não há padrão para Classe 04

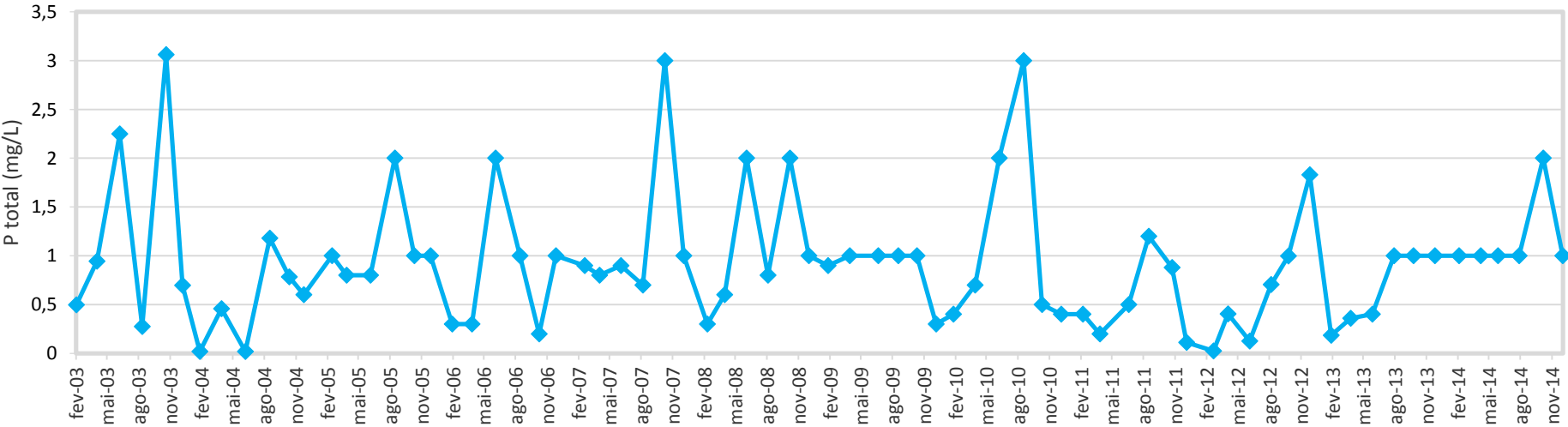


JUNA 04190 – Fósforo Total (mg/L)

Não há padrão para Classe 04

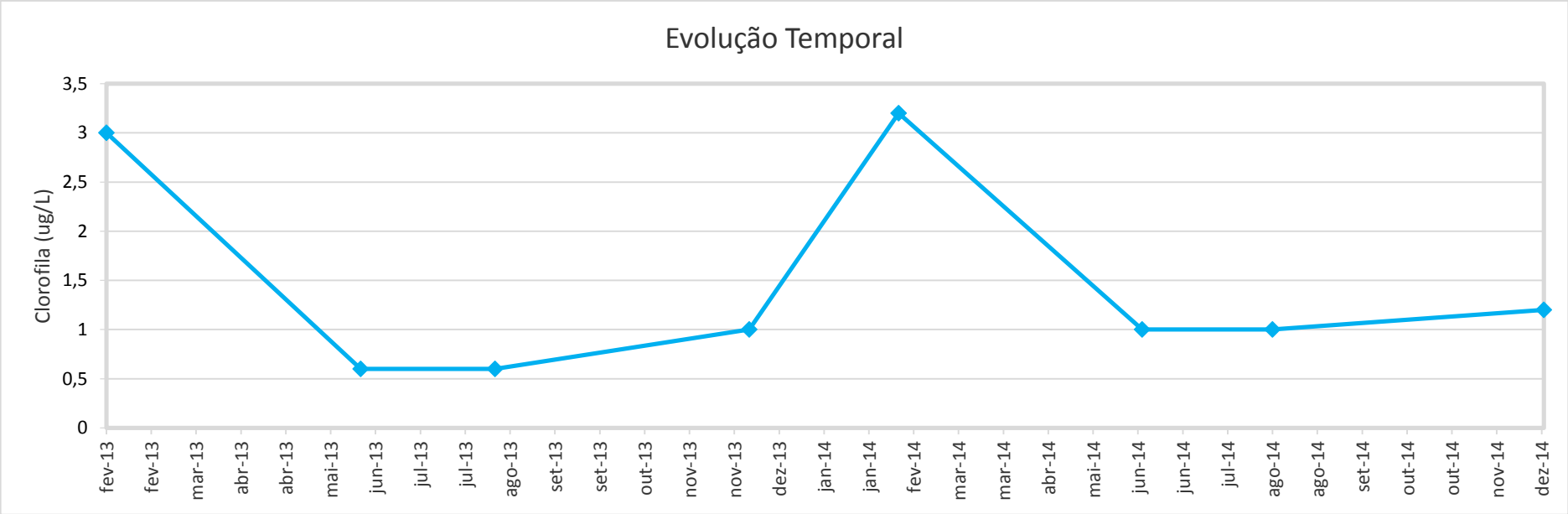
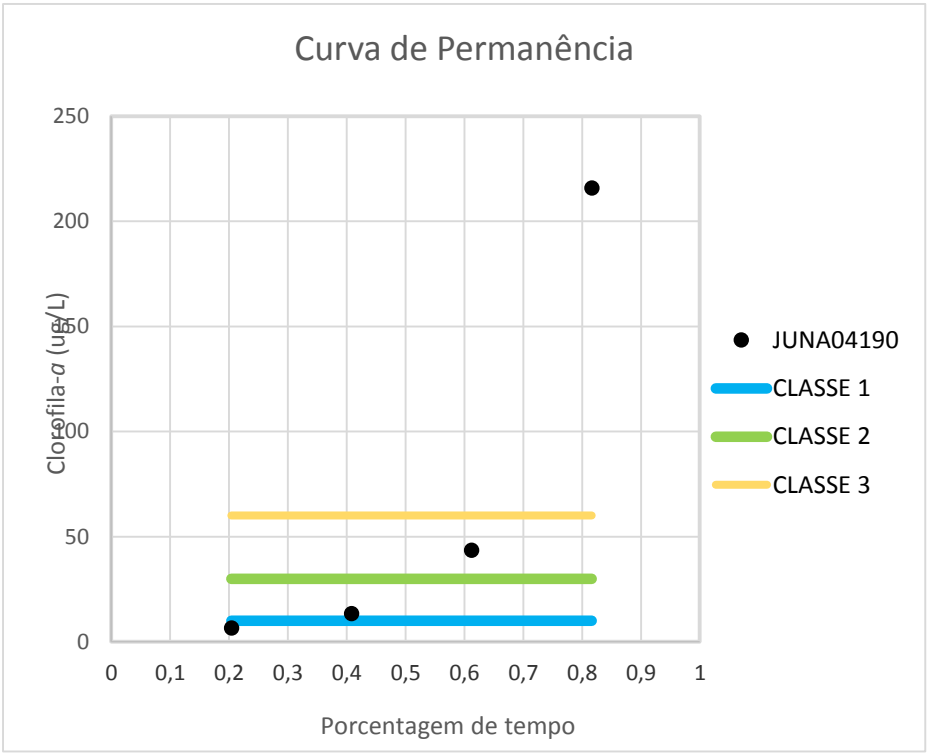


Evolução Temporal



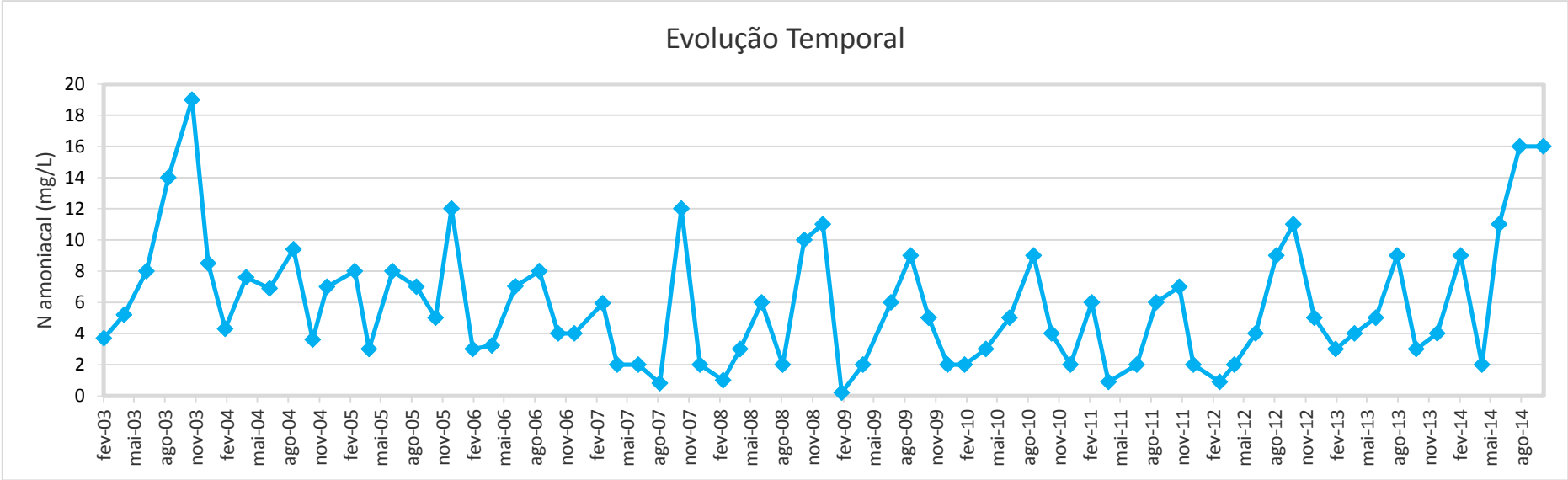
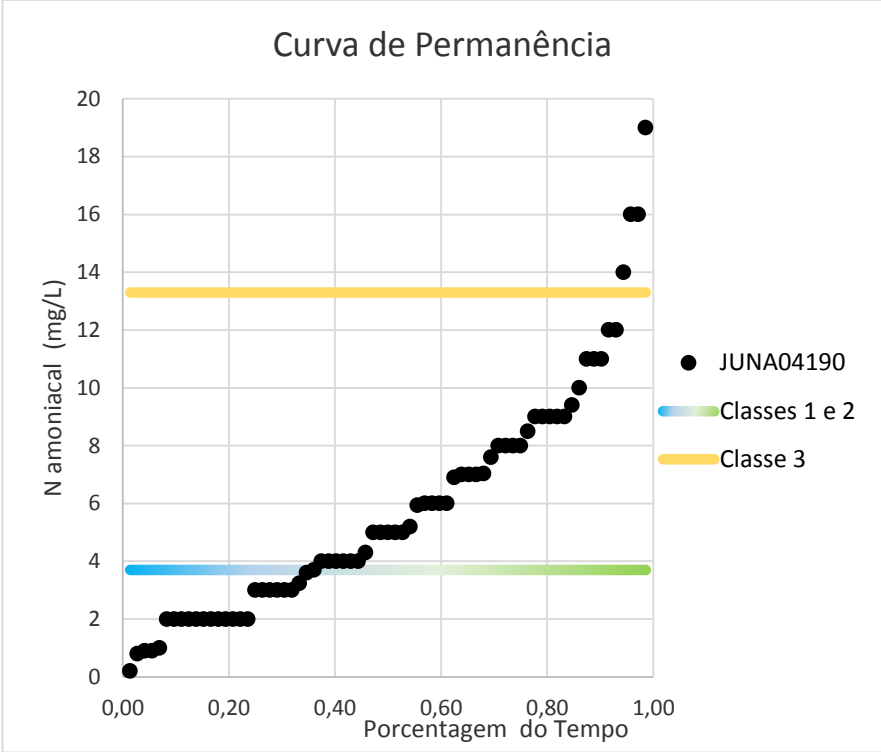
JUNA 04190 – Clorofila-*a* (µg/L)

Não há padrão para Classe 04



JUNA 04190 – Nitrogênio Amoniacal (mg/L)

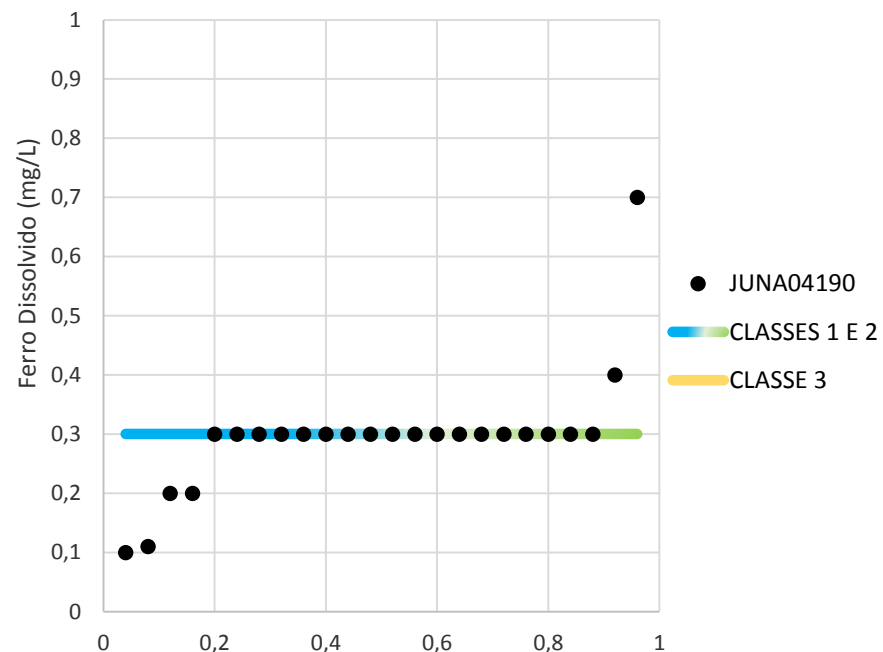
Não há padrão para Classe 04



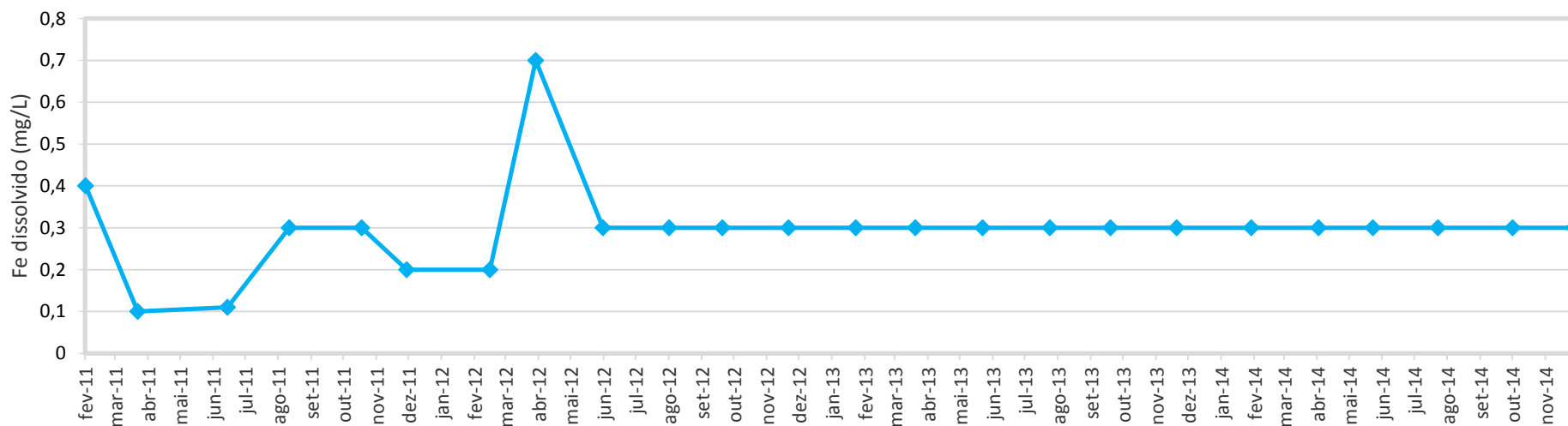
JUNA 04190 – Ferro Dissolvido (mg/L)

Não há padrão para Classe 04

Curva de Permanência

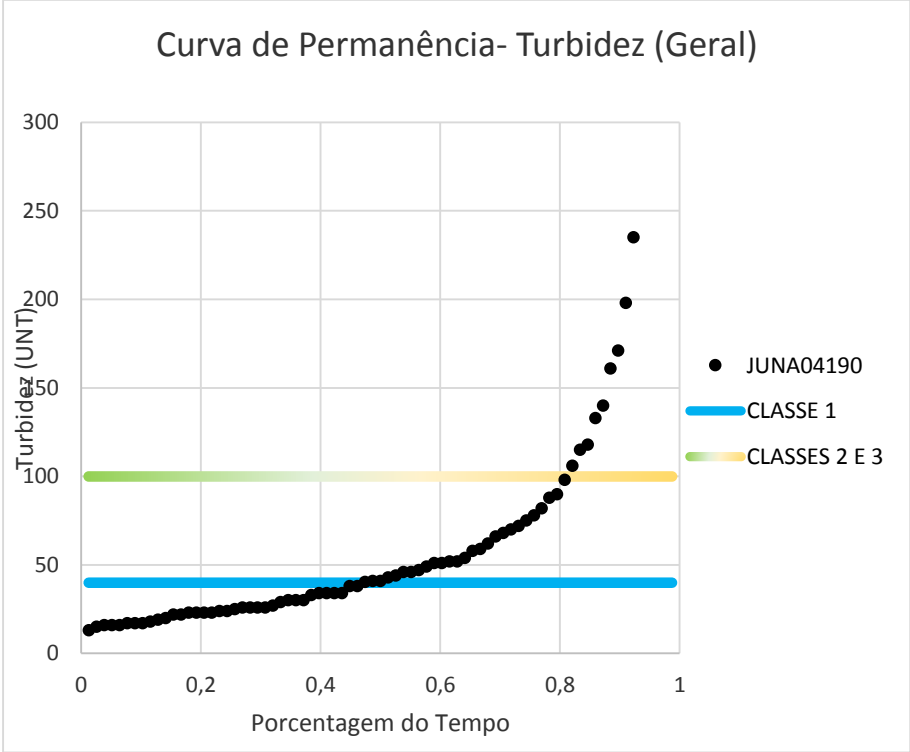


Evolução Temporal

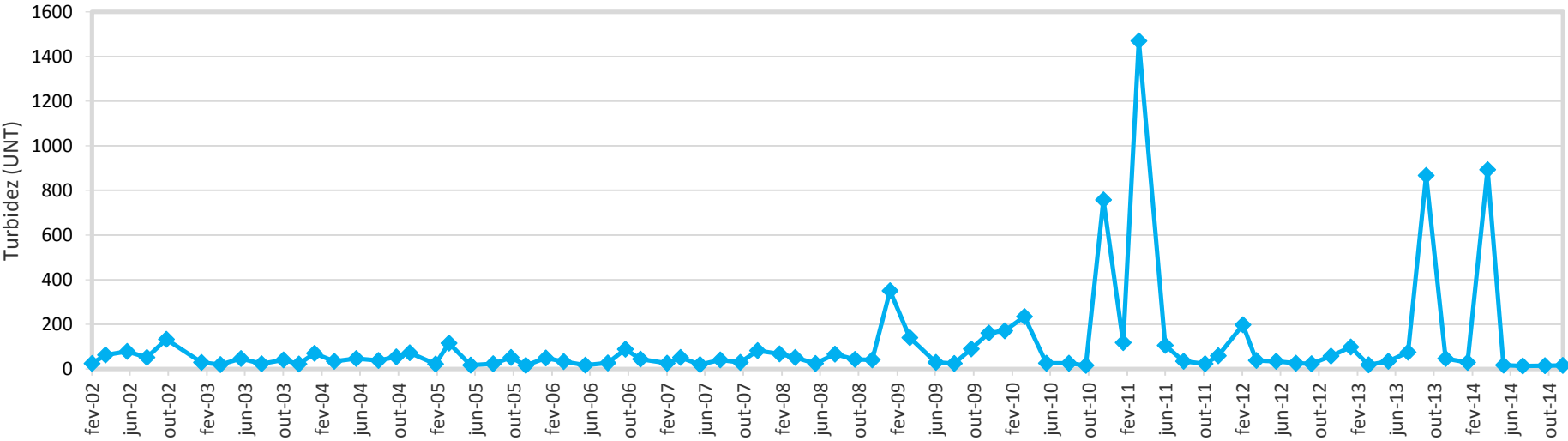


JUNA 04190 – Turbidez (UNT)

Não há padrão para Classe 04

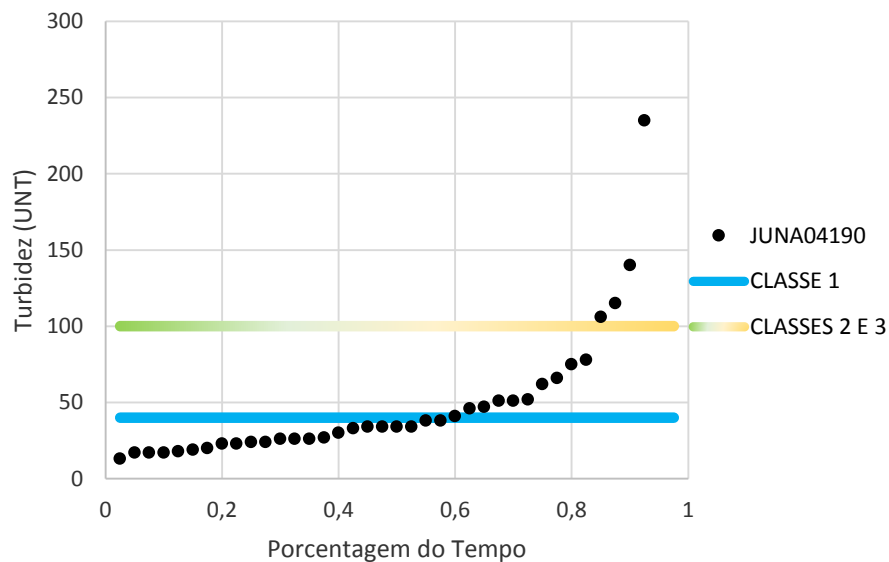


Evolução Temporal

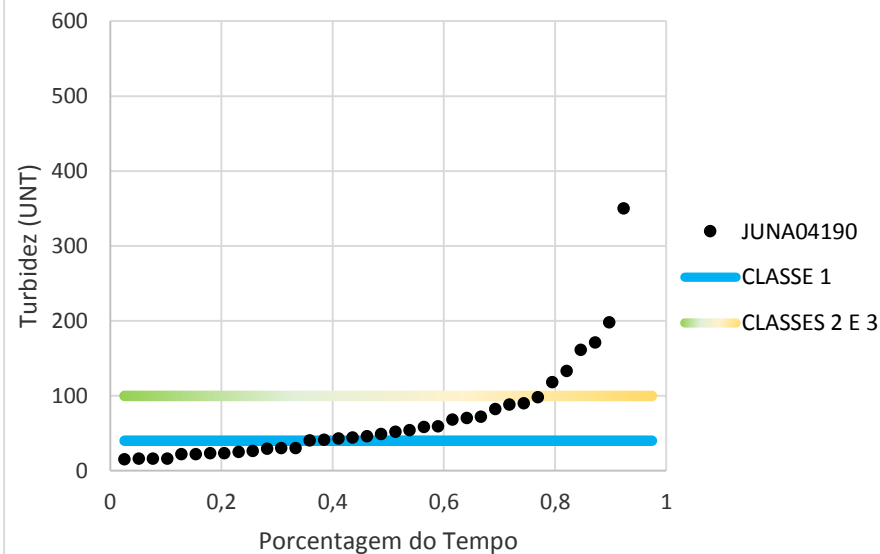


JUNA 04190 – Turbidez (Período Seco x Período Chuvoso)

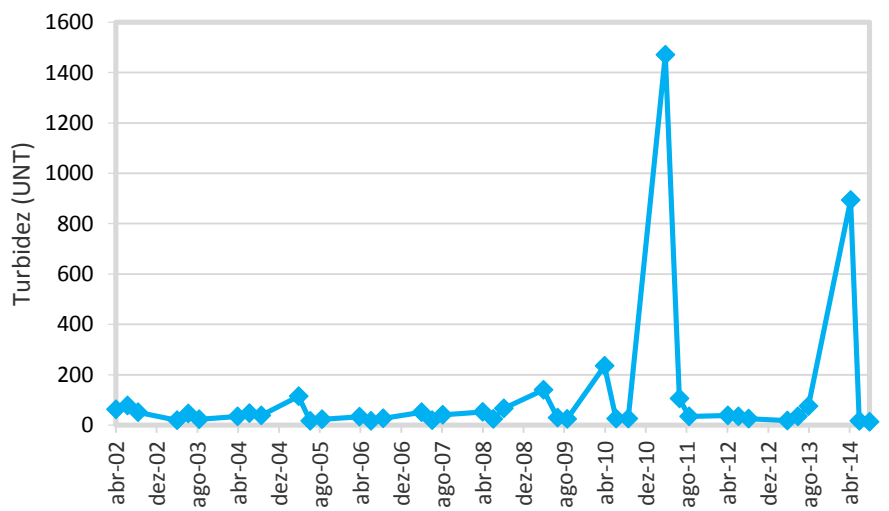
Curva de Permanência- Turbidez (Período Seco)



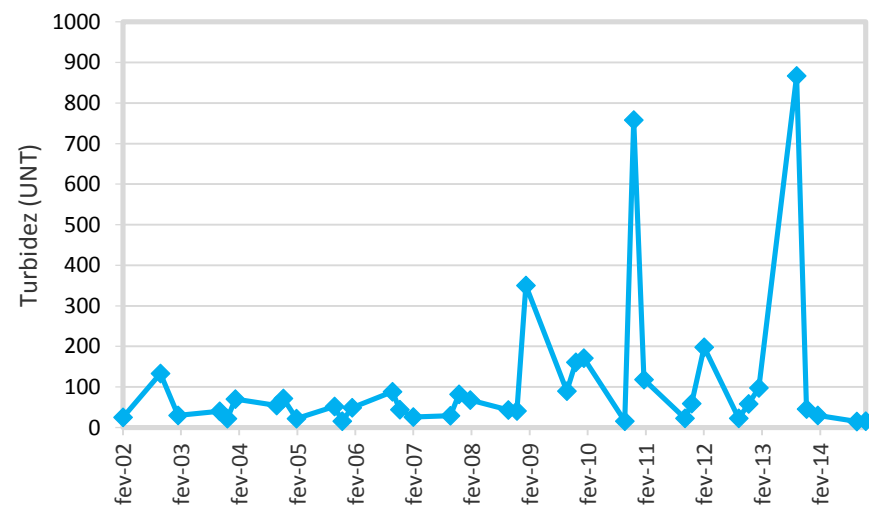
Curva de Permanência- Turbidez (Período Chuvoso)



Evolução Temporal - Período Seco



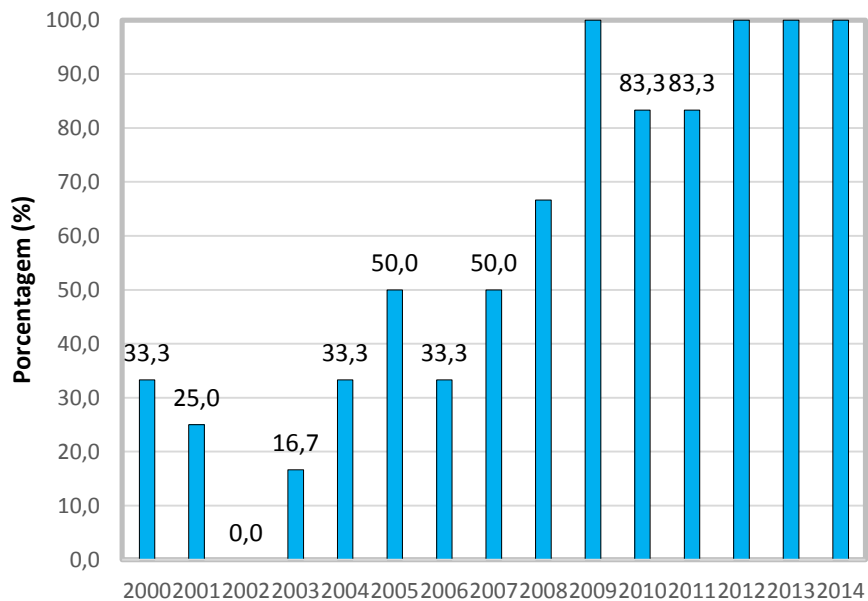
Evolução Temporal - Período Chuvoso



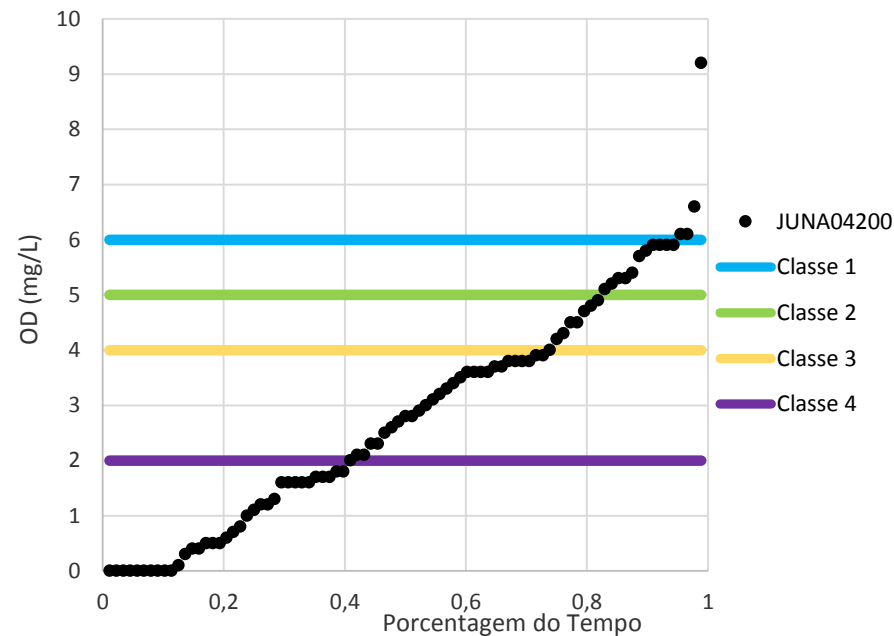
Rio Jundiaí
JUNA 04200

JUNA 04200 – Oxigênio Dissolvido (mg/L)

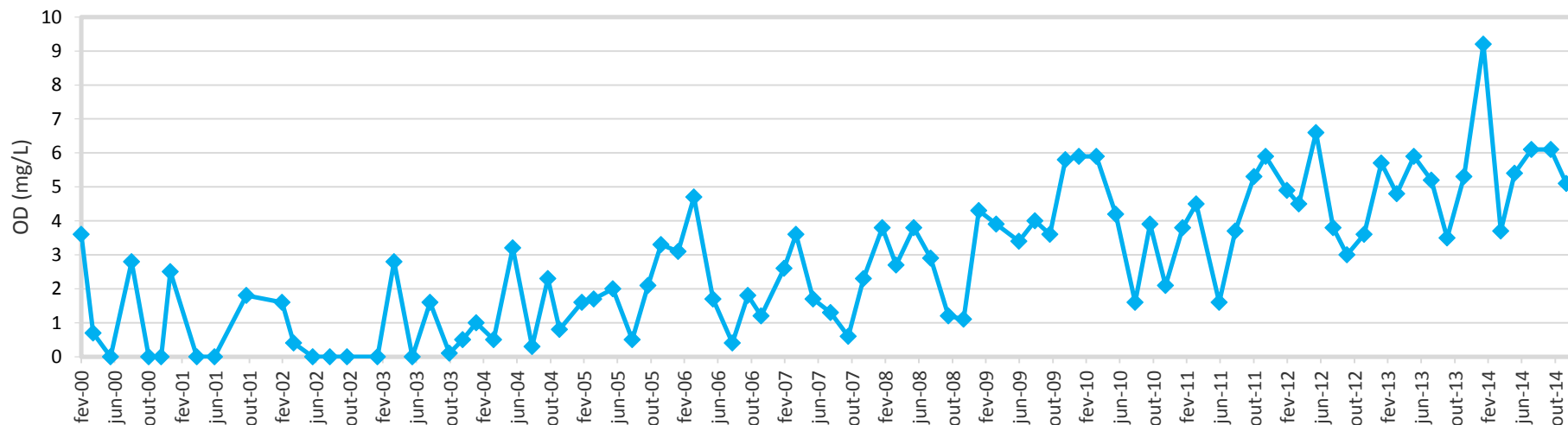
Porcentagem de Atendimento ao Padrão Classe 4 - OD



Curva de Permanência



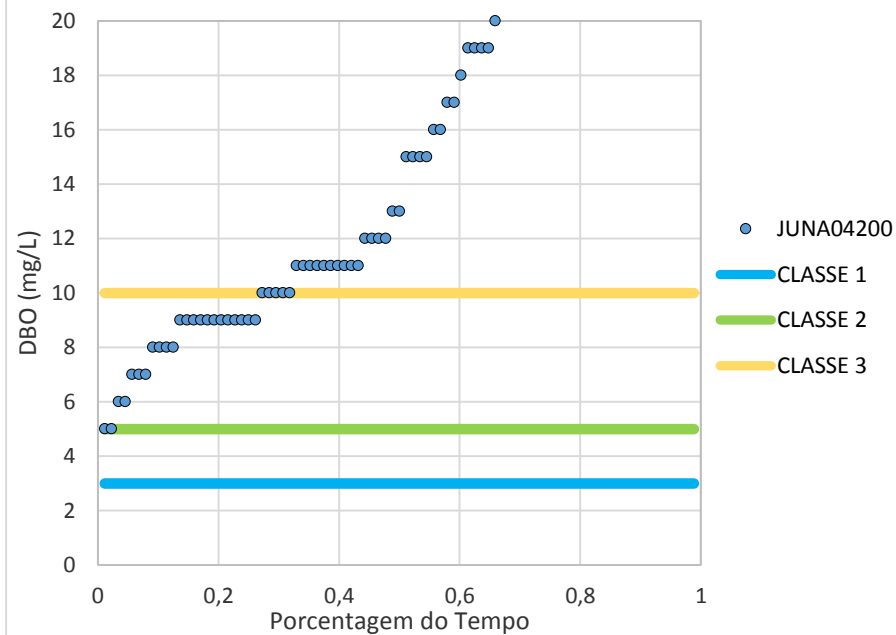
Evolução Temporal



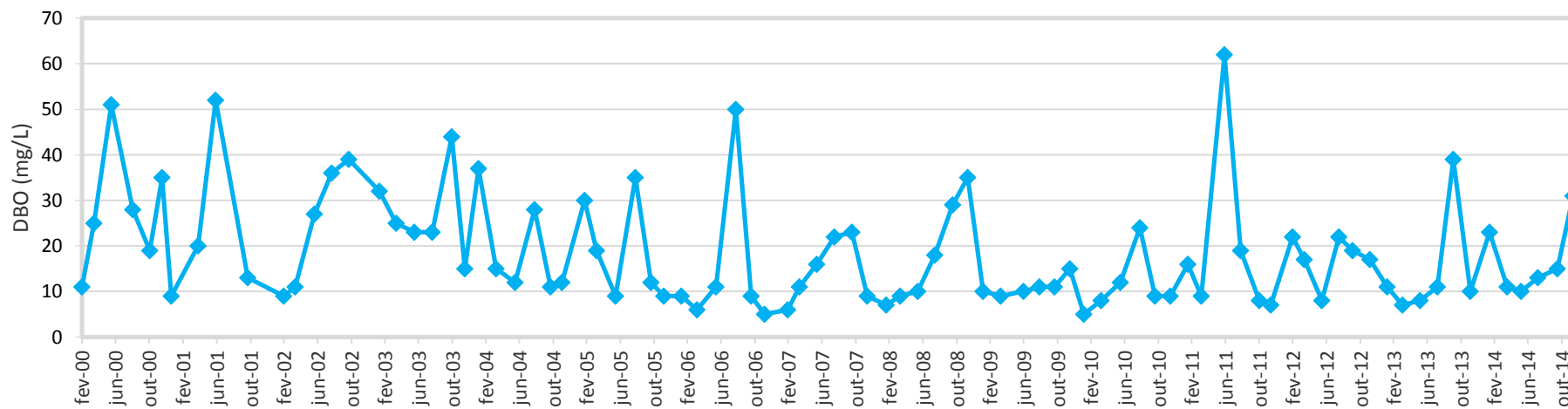
JUNA 04200– DBO (mg/L)

Não há padrão para Classe 04

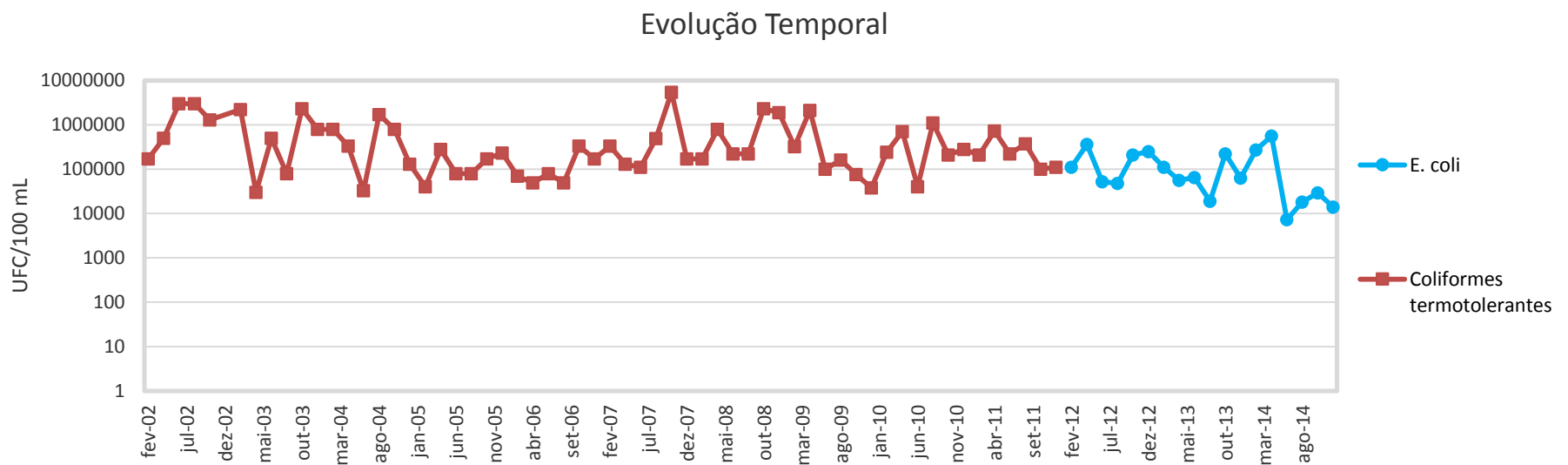
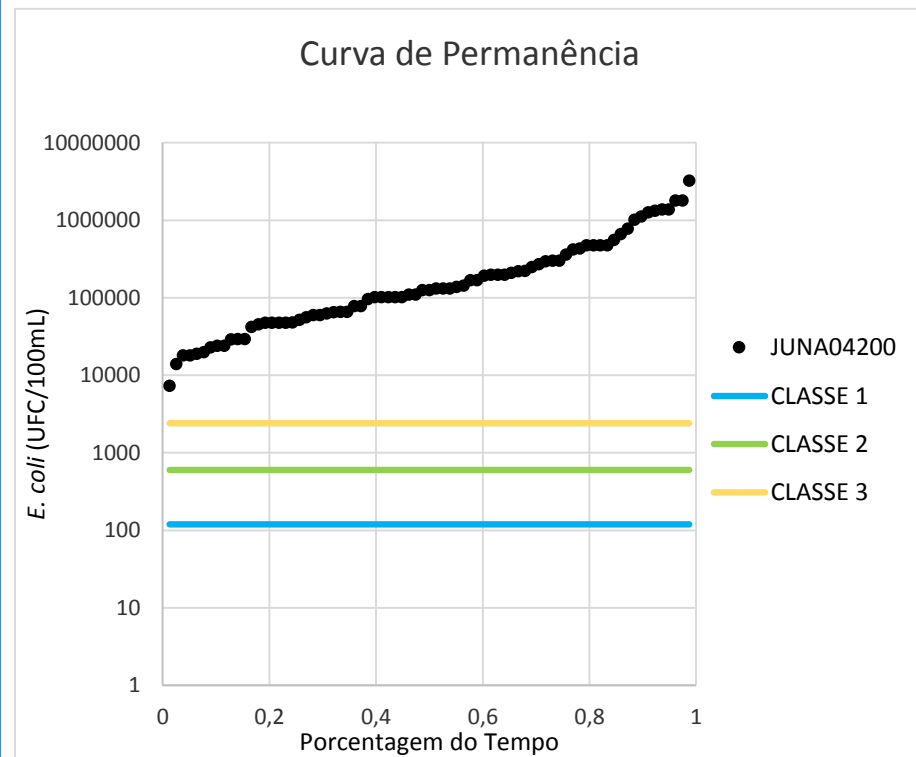
Curva de Permanência



Evolução Temporal

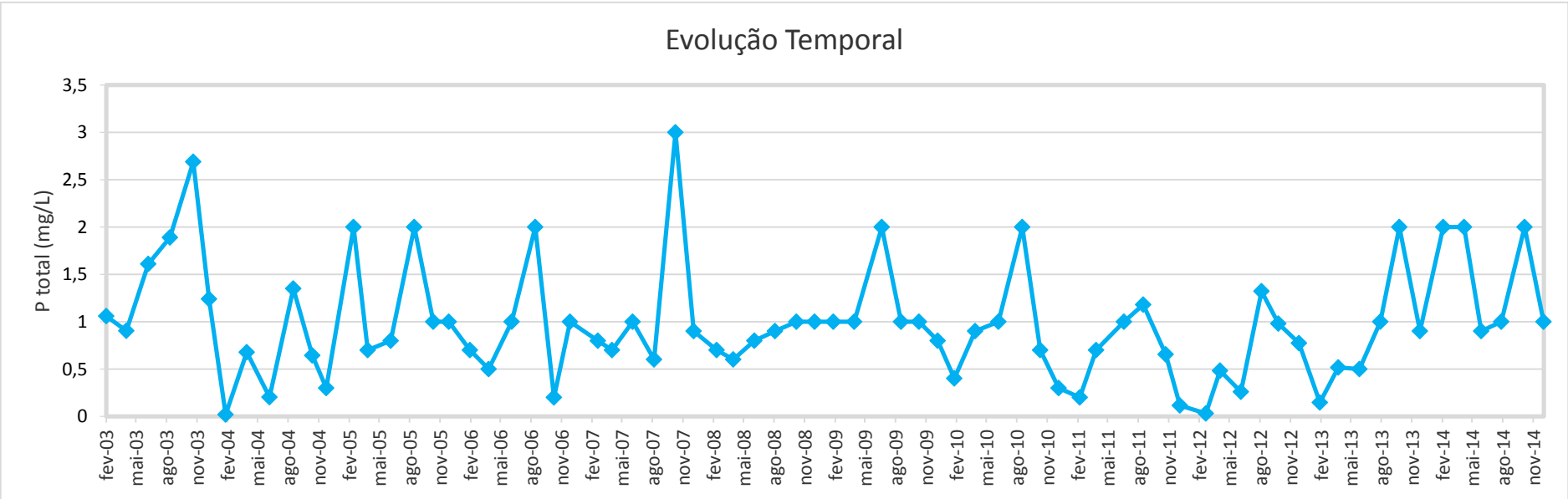
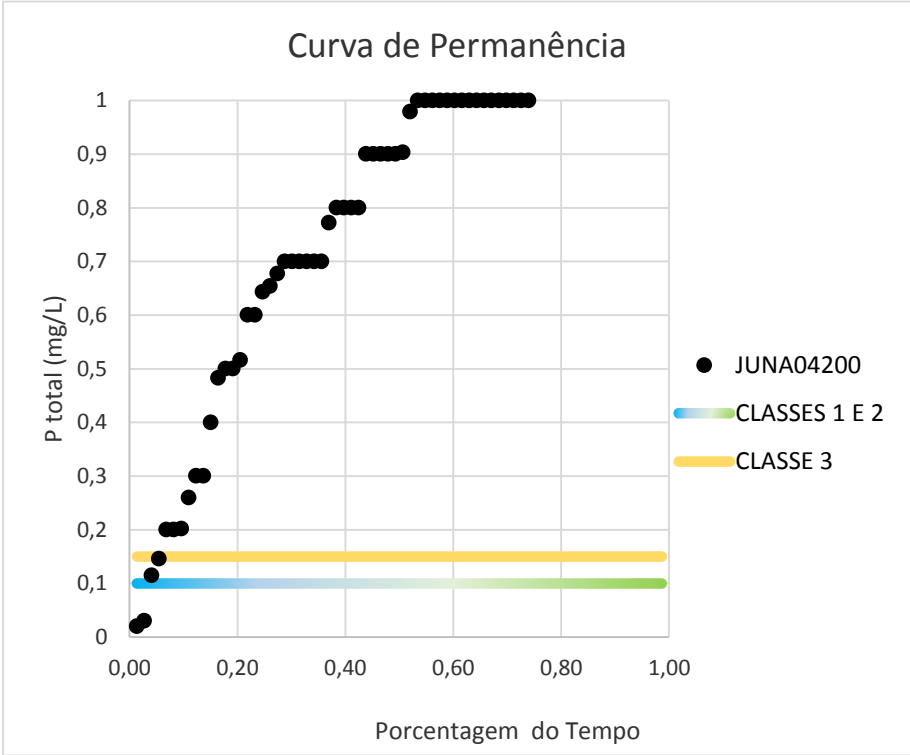


Não há padrão para Classe 04



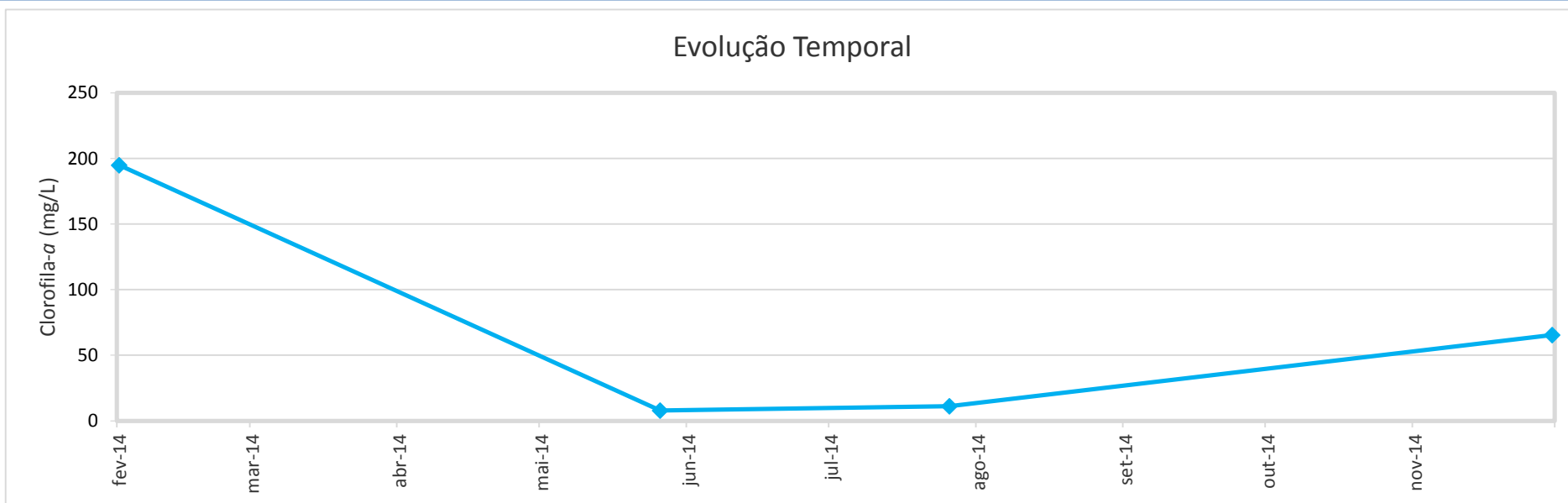
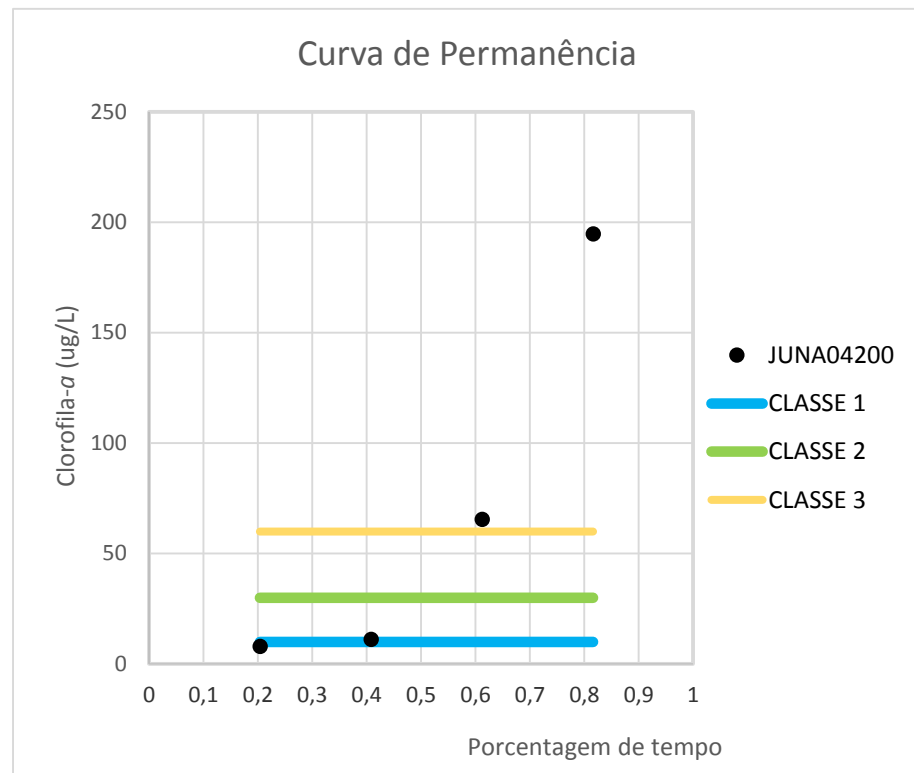
JUNA 04200 – Fósforo Total (mg/L)

Não há padrão para Classe 04



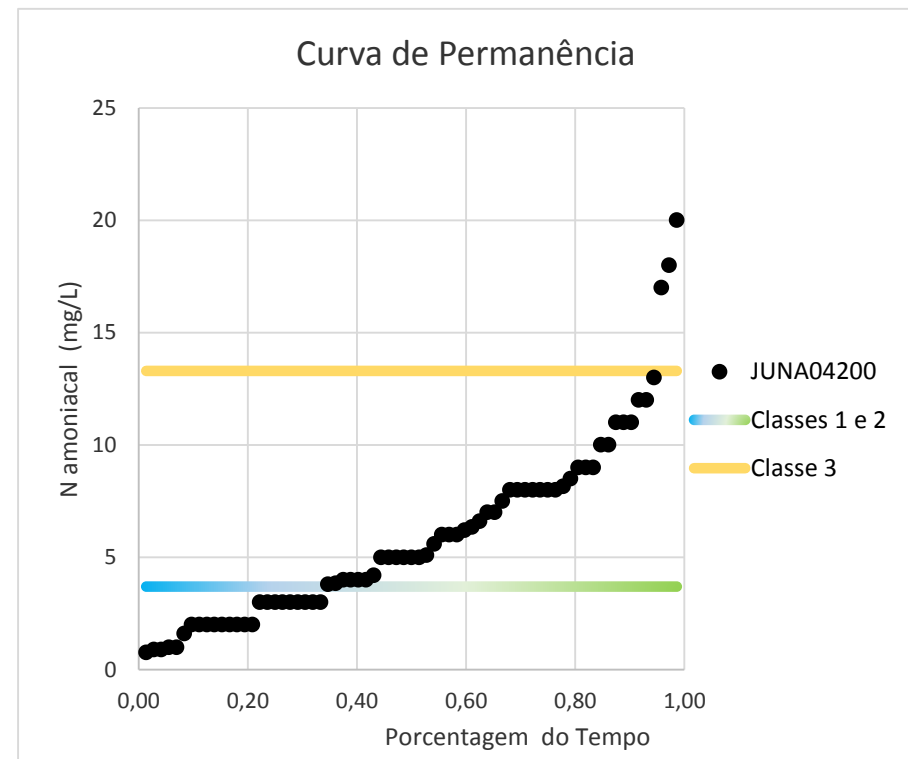
JUNA 04200 – Clorofila-*a* (µg/L)

Não há padrão para Classe 04

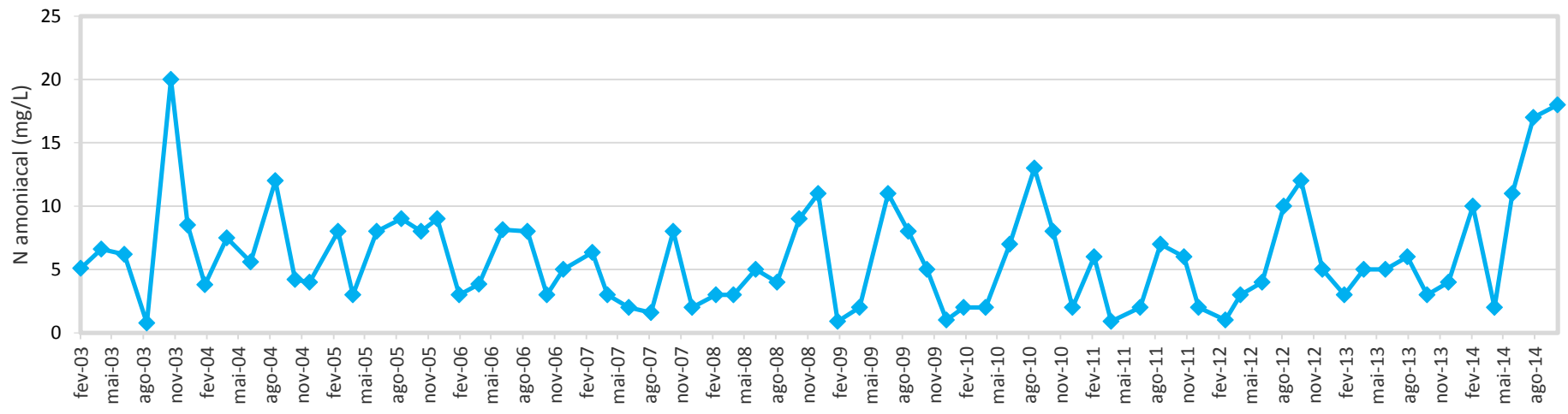


JUNA 04200 – Nitrogênio Amoniacal (mg/L)

Não há padrão para Classe 04

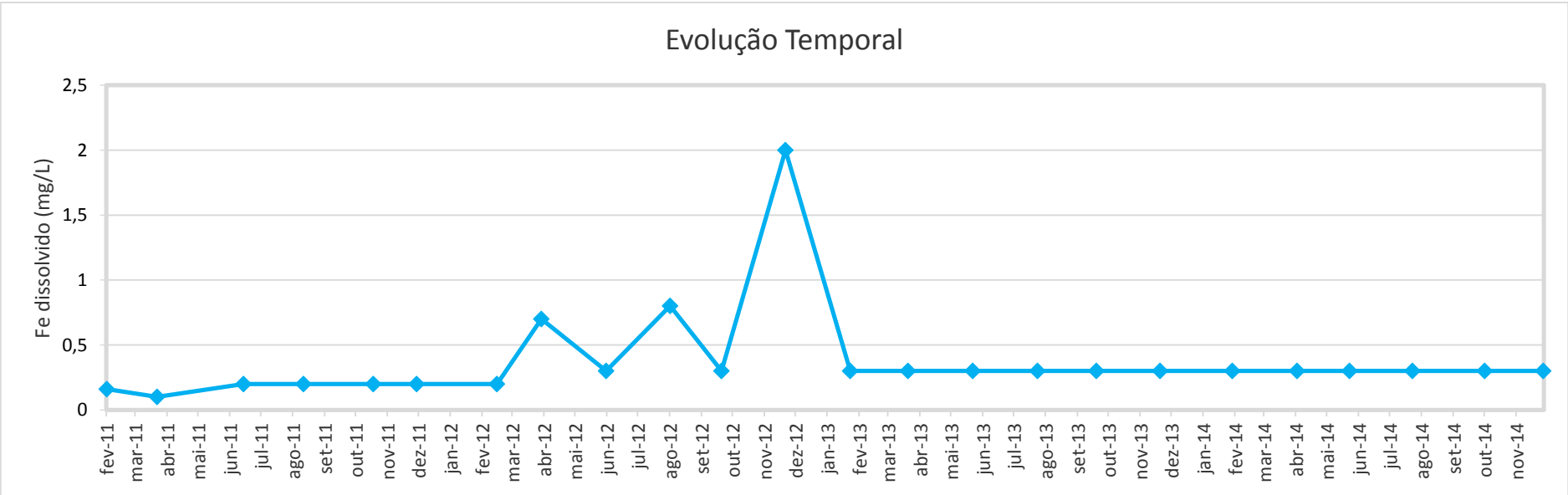
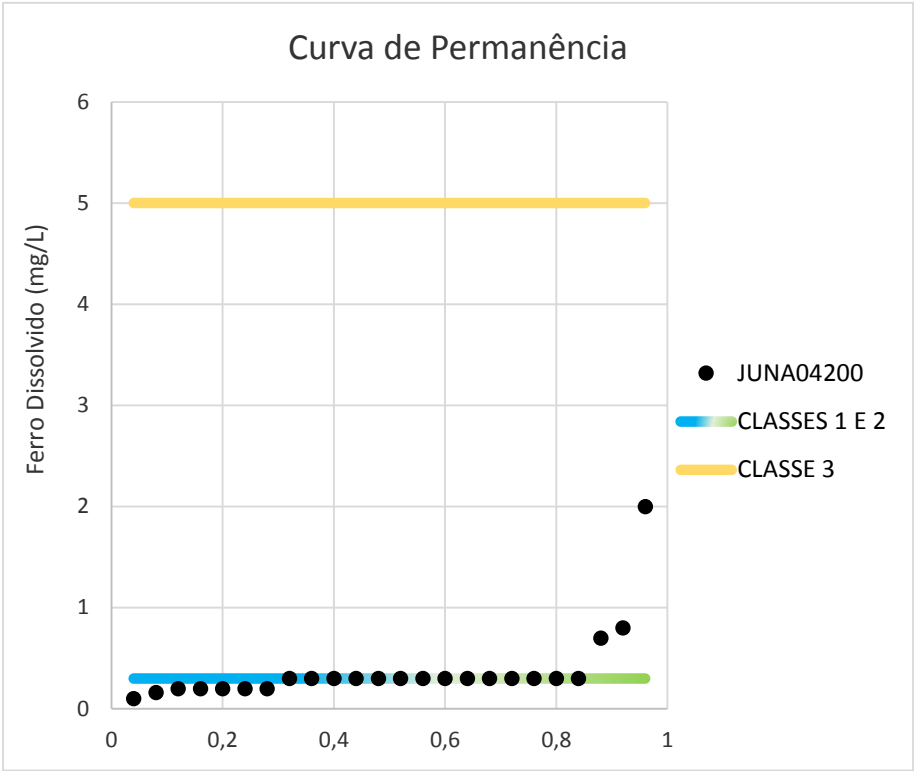


Evolução Temporal



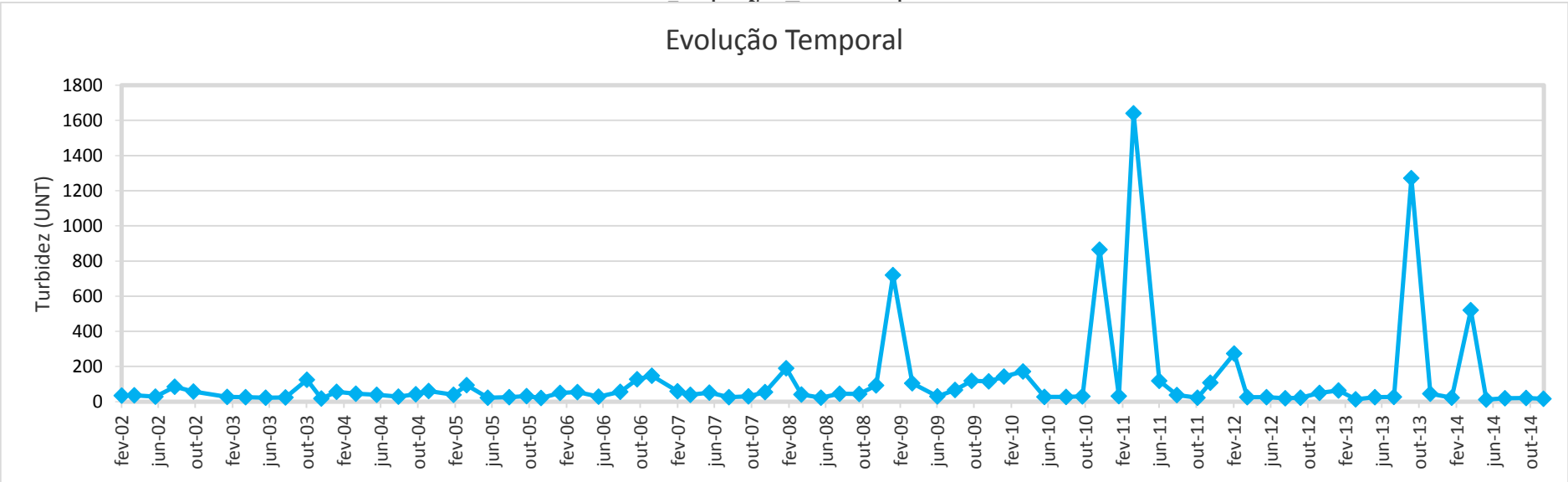
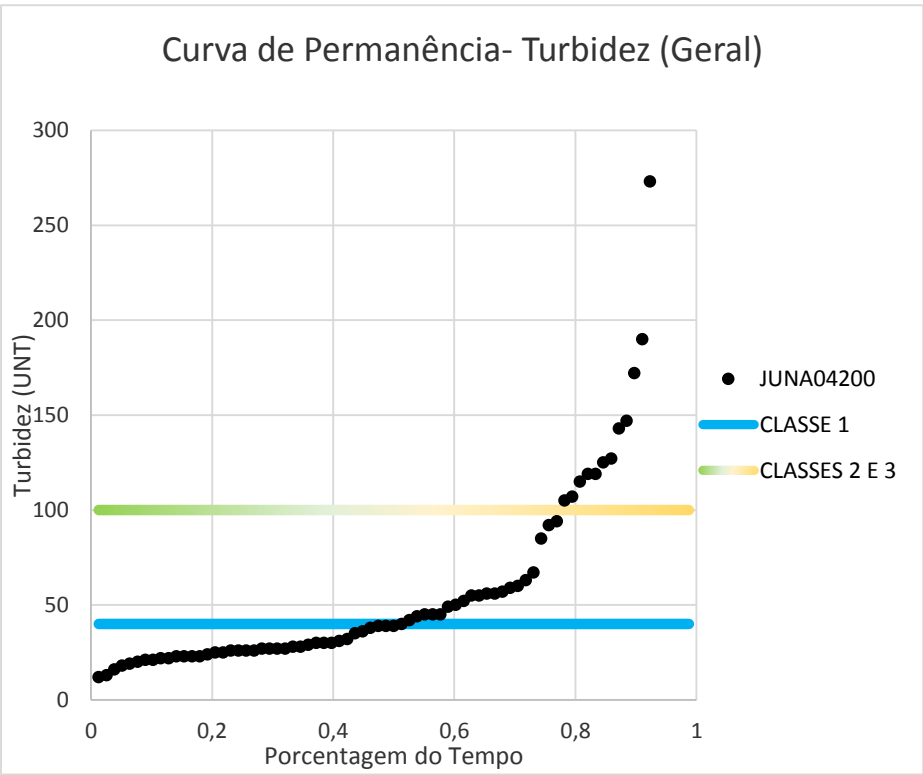
JUNA 04200 – Ferro Dissolvido (mg/L)

Não há padrão para Classe 04



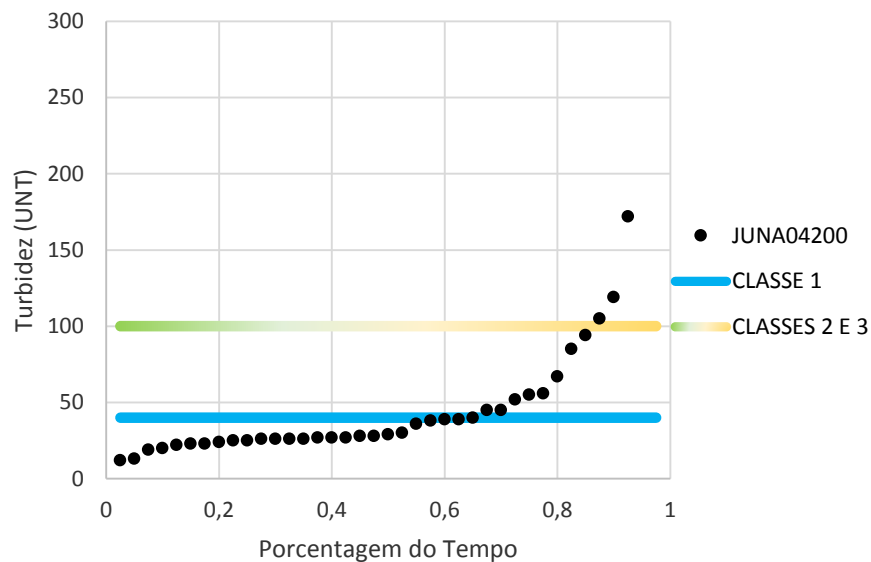
JUNA 04200 – Turbidez (UNT)

Não há padrão para Classe 04

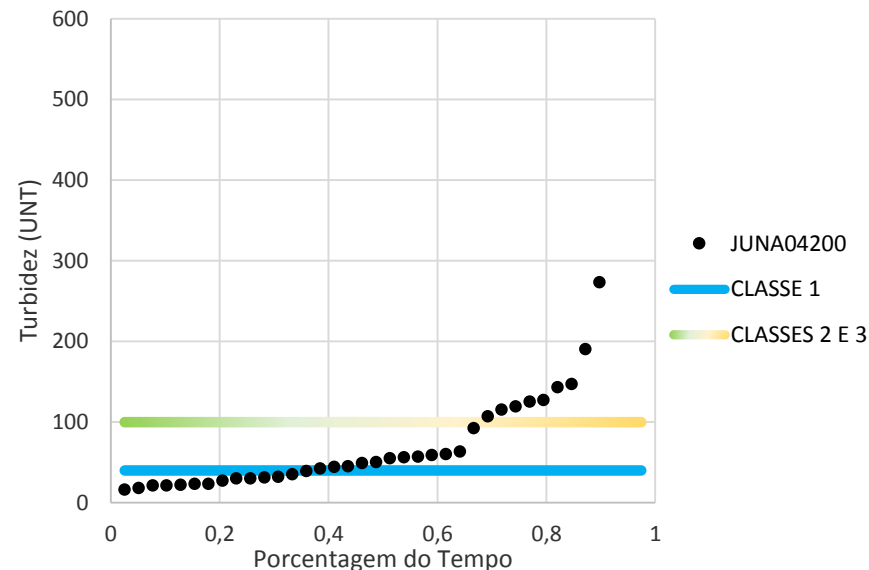


JUNA 04200 – Turbidez (Período Seco x Período Chuvoso)

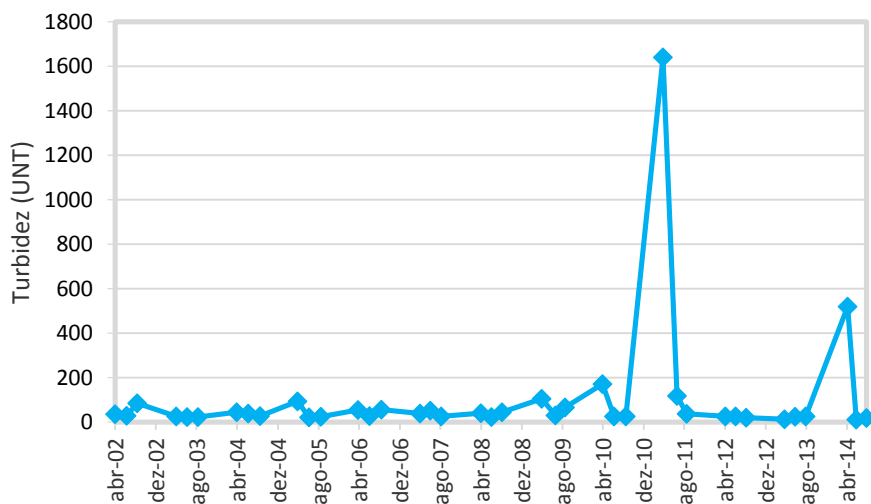
Curva de Permanência- Turbidez (Período Seco)



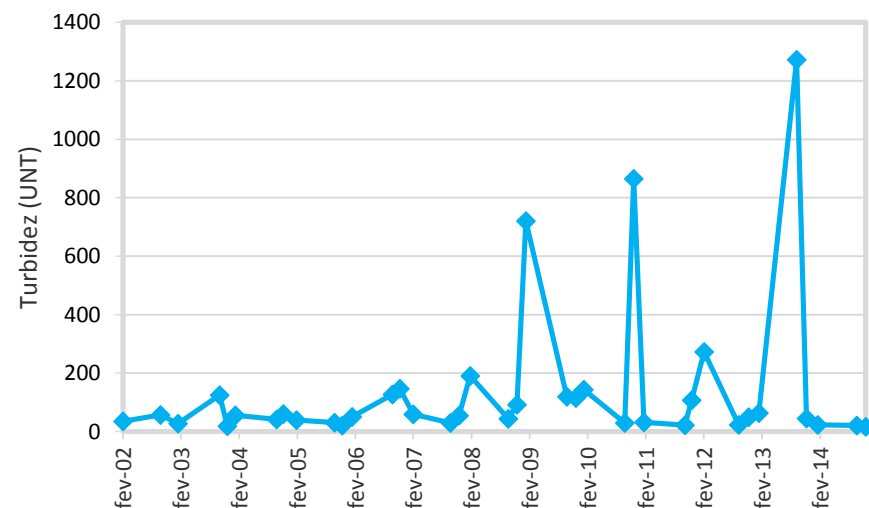
Curva de Permanência- Turbidez (Período Chuvoso)



Evolução Temporal - Período Seco



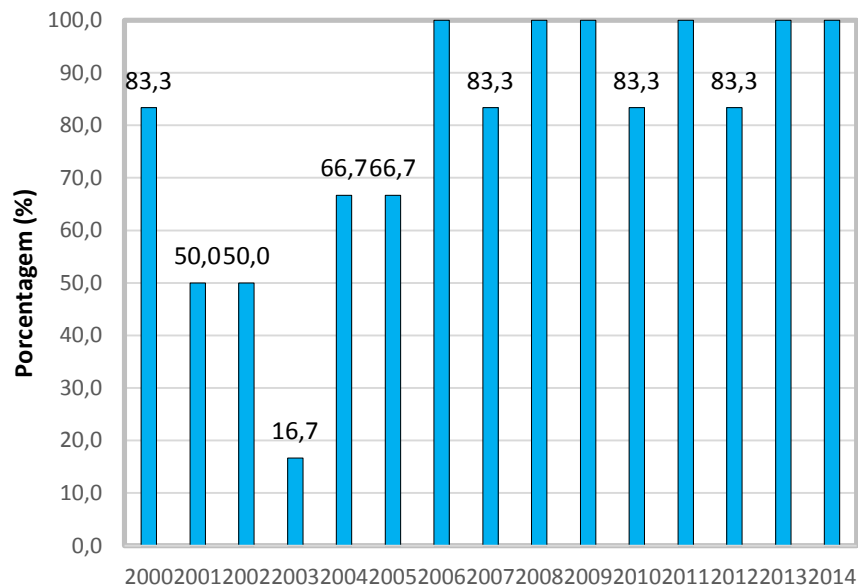
Evolução Temporal - Período Chuvoso



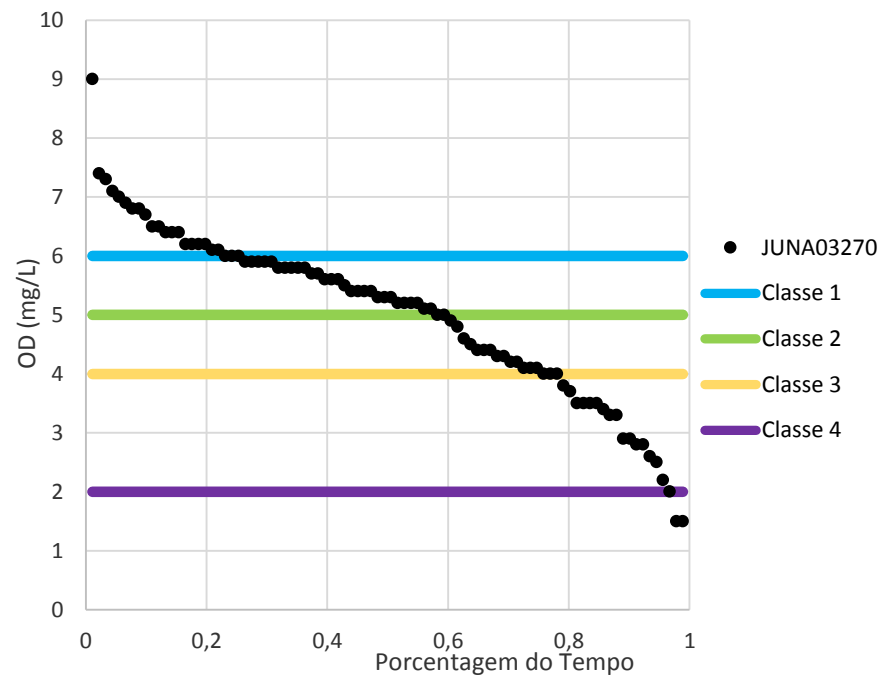
Rio Jundiaí
JUNA 03270

JUNA 03270 – Oxigênio Dissolvido (mg/L)

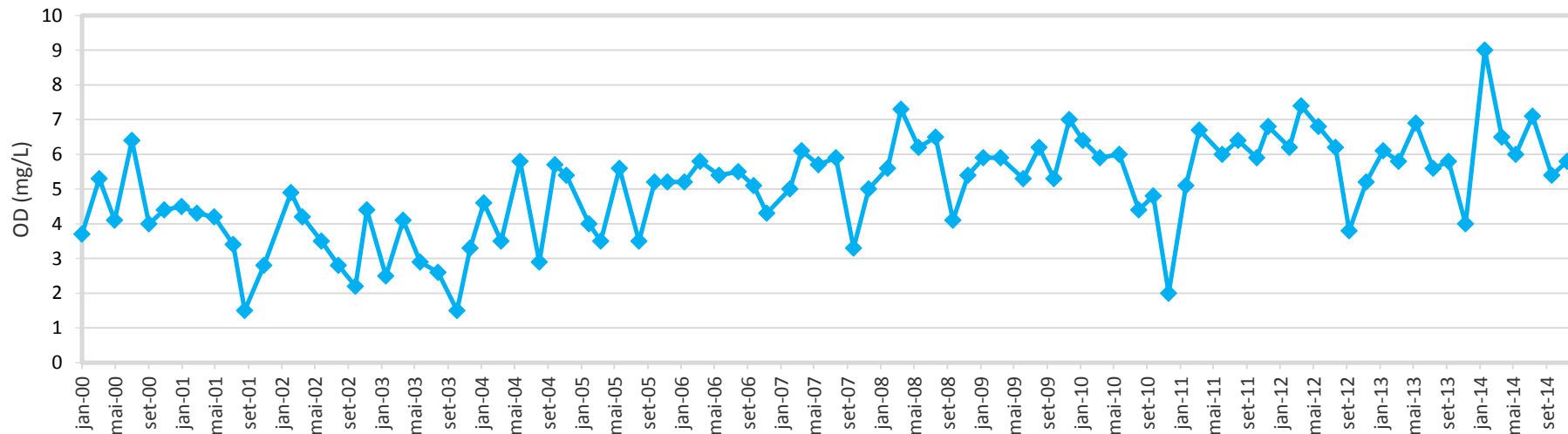
Porcentagem de Atendimento ao Padrão Classe 3 - OD



Curva de Permanência

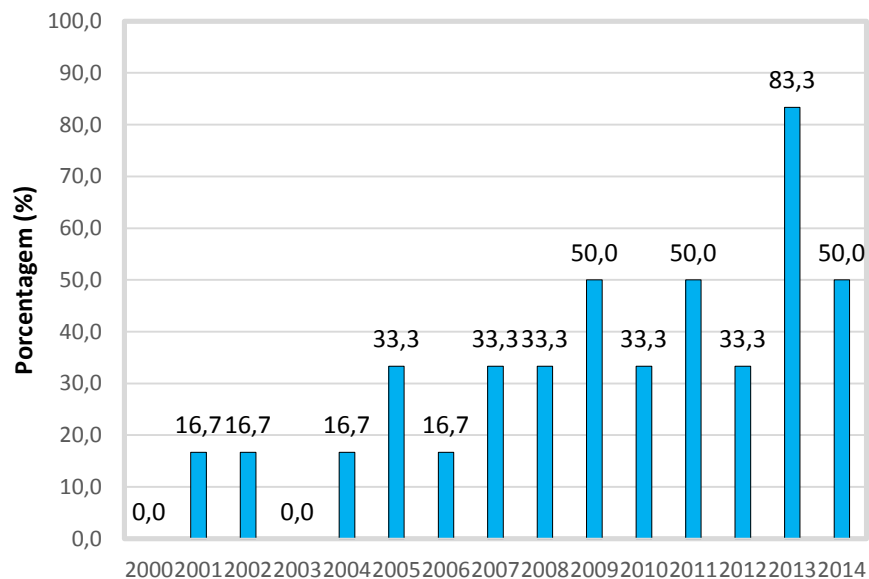


Evolução Temporal

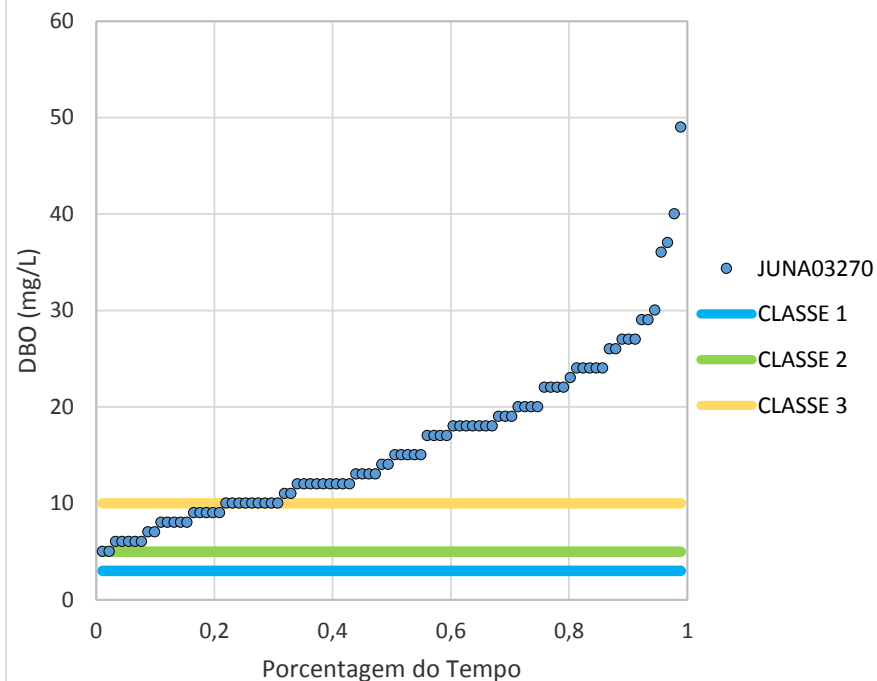


JUNA 03270 – DBO (mg/L)

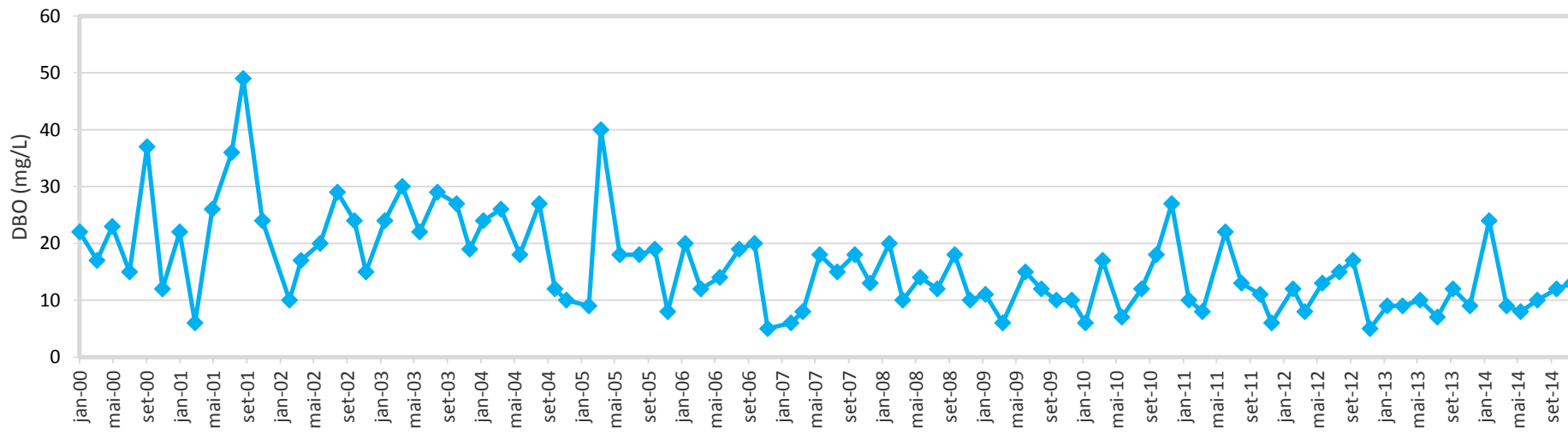
Porcentagem de Atendimento ao Padrão Classe 3 - DBO



Curva de Permanência

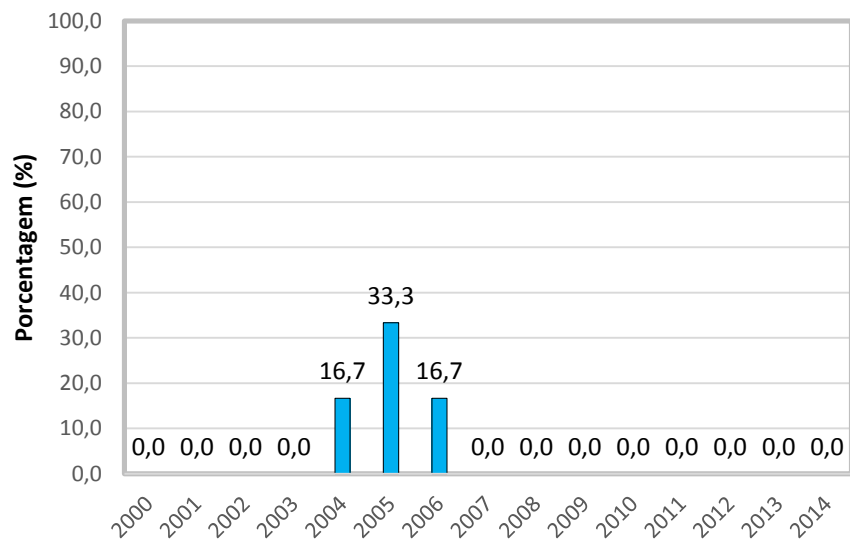


Evolução Temporal

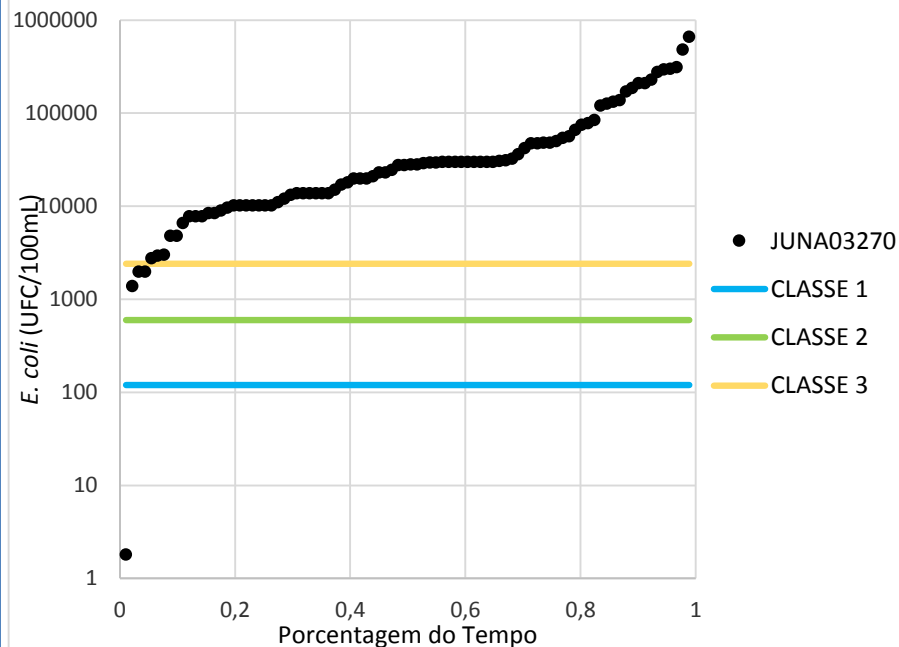


JUNA 03270 – *Escherichia coli* (UFC/100mL)

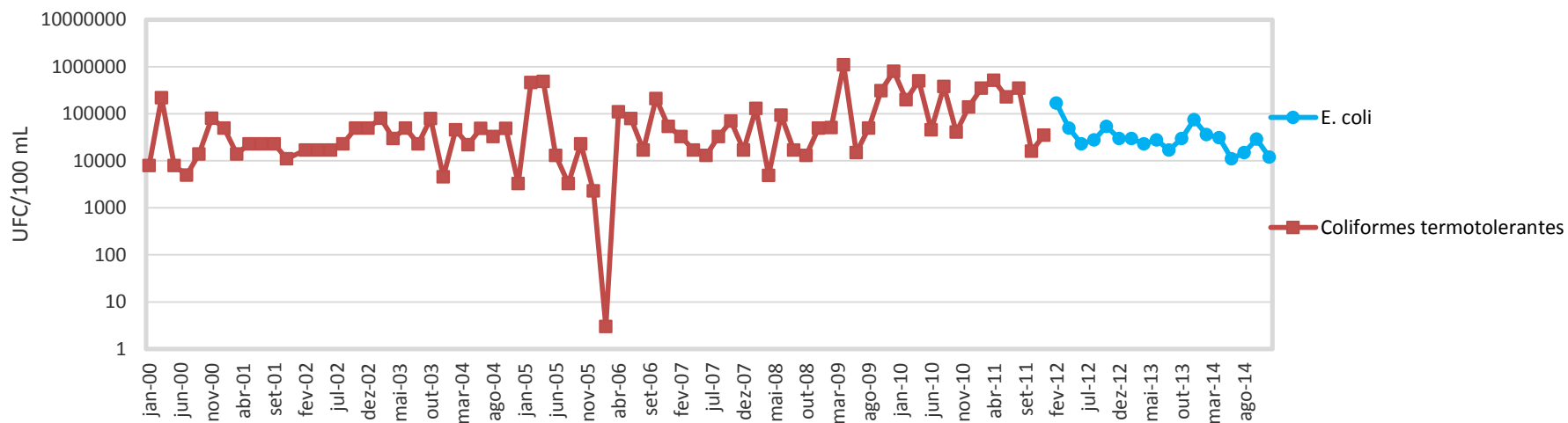
Porcentagem de Atendimento ao Padrão Classe 3 -
Colif. Term. e *E. coli*



Curva de Permanência

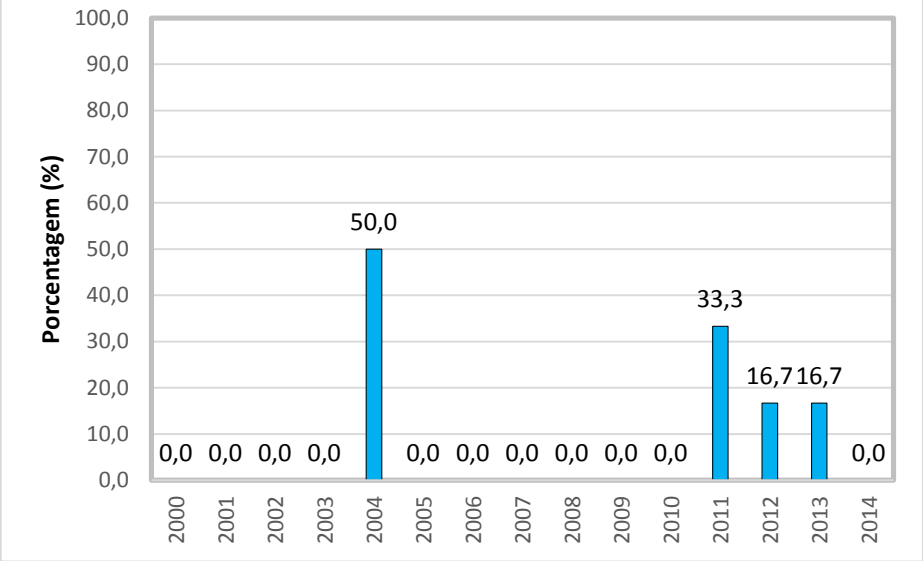


Evolução Temporal

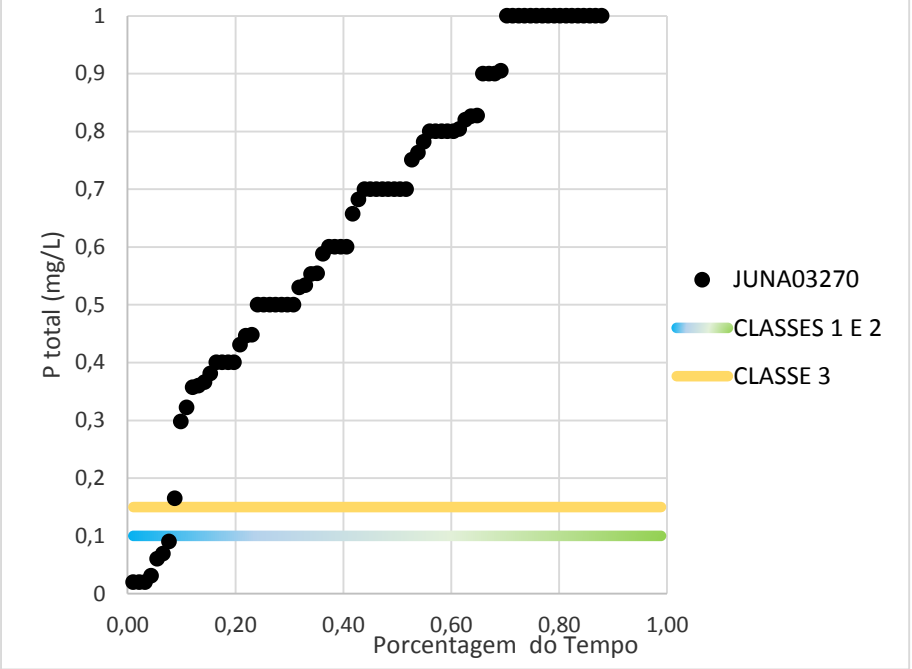


JUNA 03270 – Fósforo Total (mg/L)

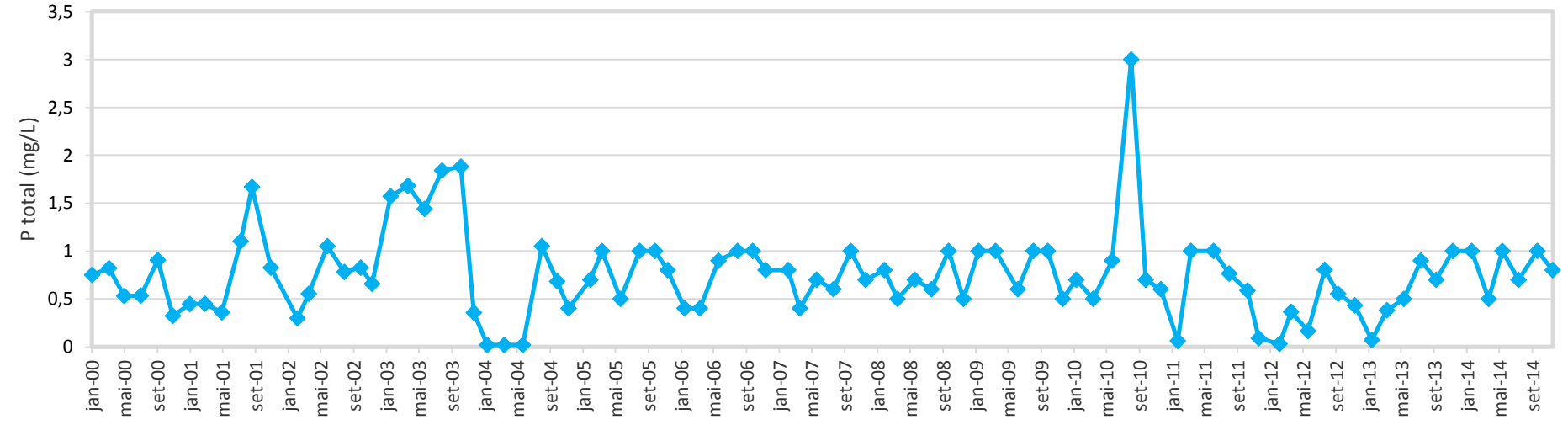
Porcentagem de Atendimento ao Padrão Classe 3 - P total



Curva de Permanência

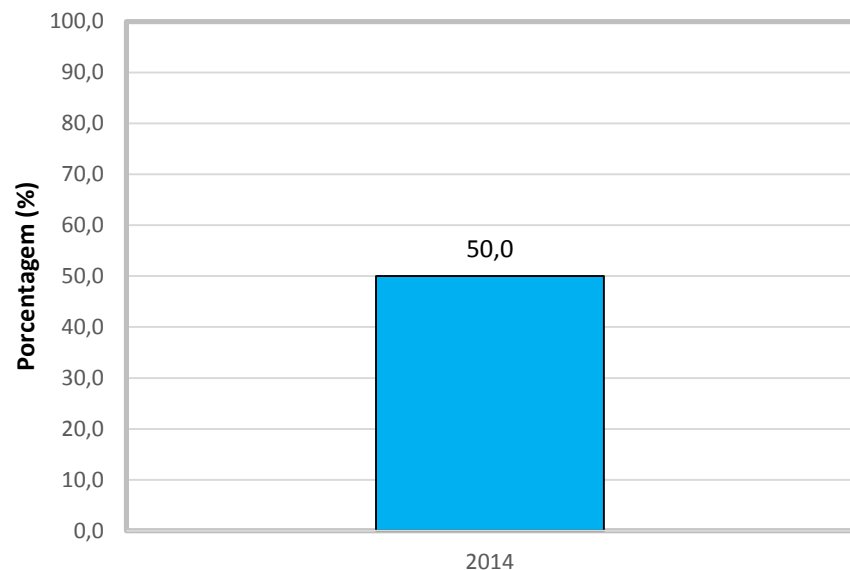


Evolução Temporal

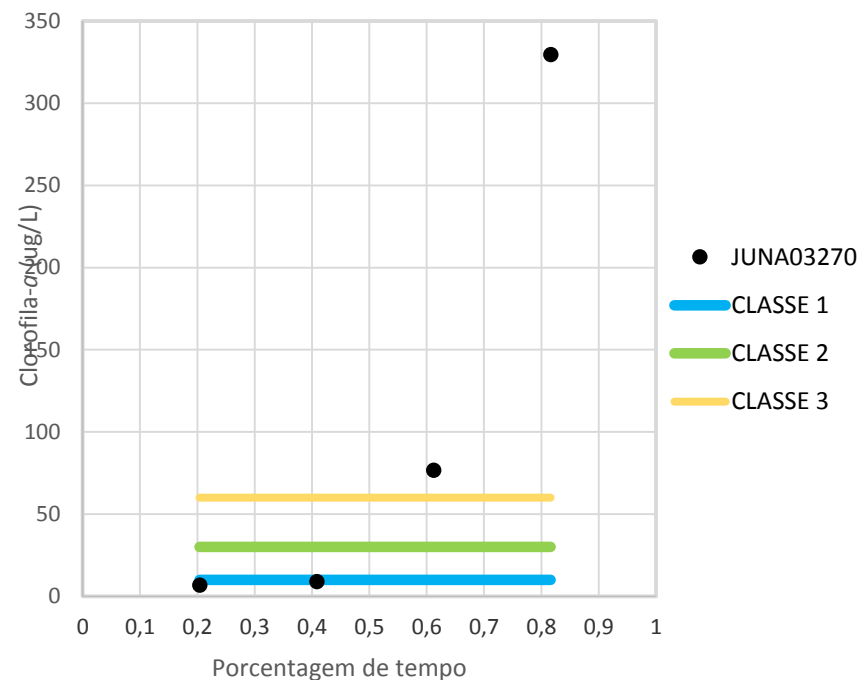


JUNA 03270 – Clorofila a (µg/L)

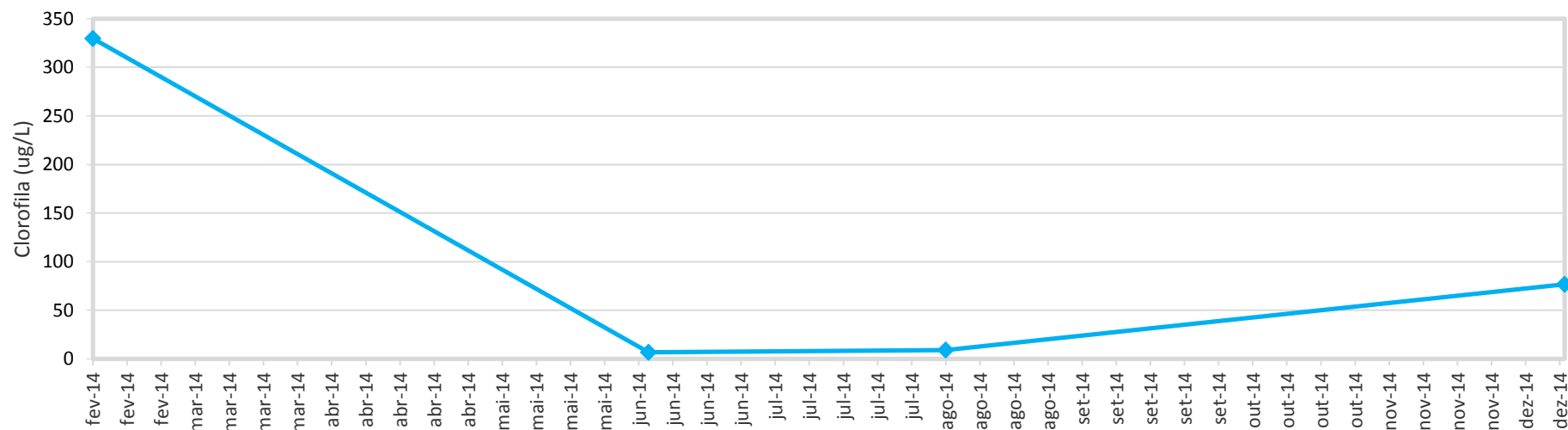
Porcentagem de Atendimento ao Padrão Classe 3 -
Clorofila-*a*



Curva de Permanência

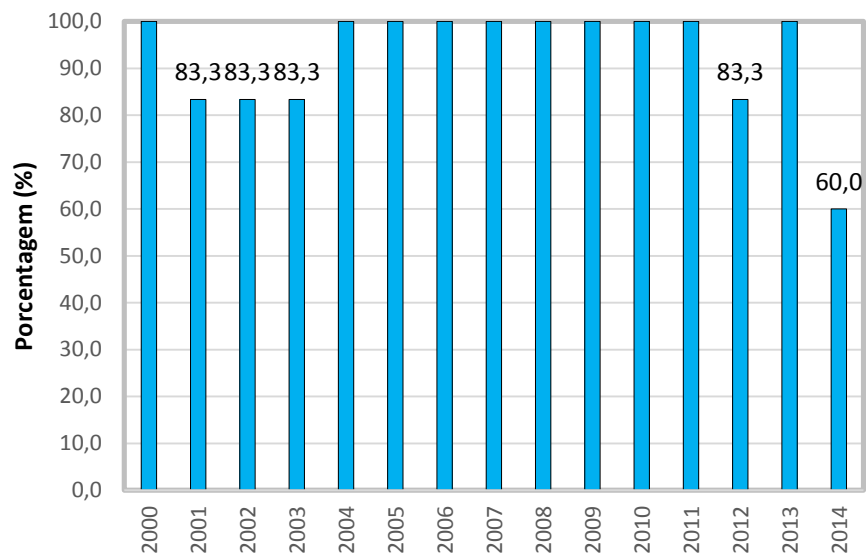


Evolução Temporal

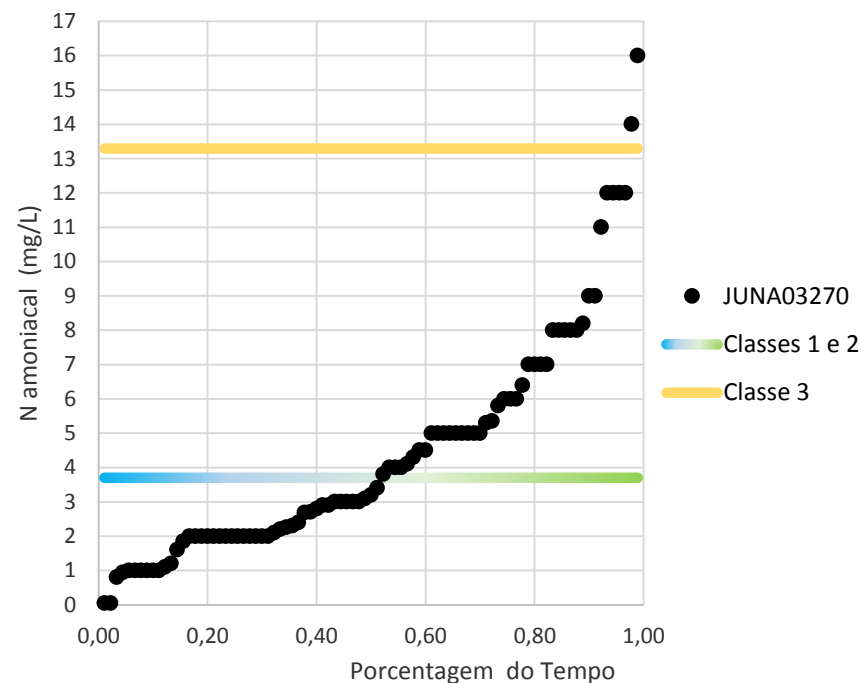


JUNA 03270 – Nitrogênio Amoniacal (mg/L)

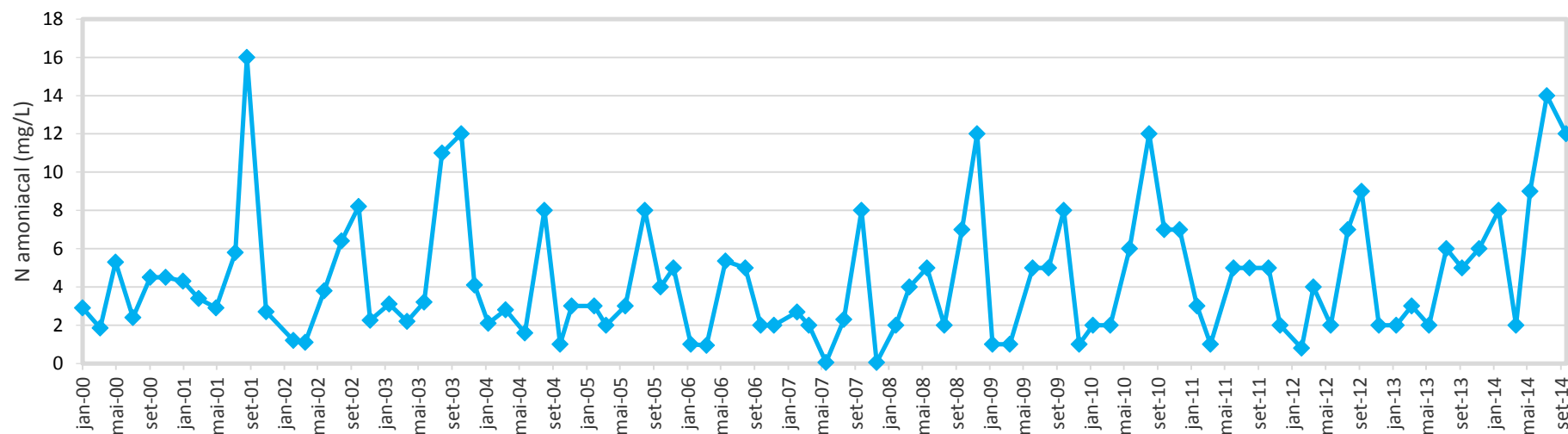
Porcentagem de Atendimento ao Padrão Classe 3 - N amoniacal



Curva de Permanência

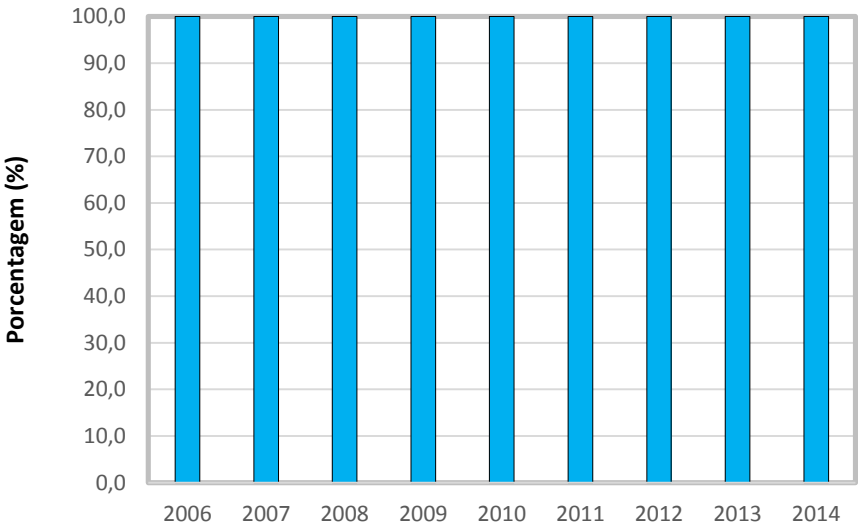


Evolução Temporal

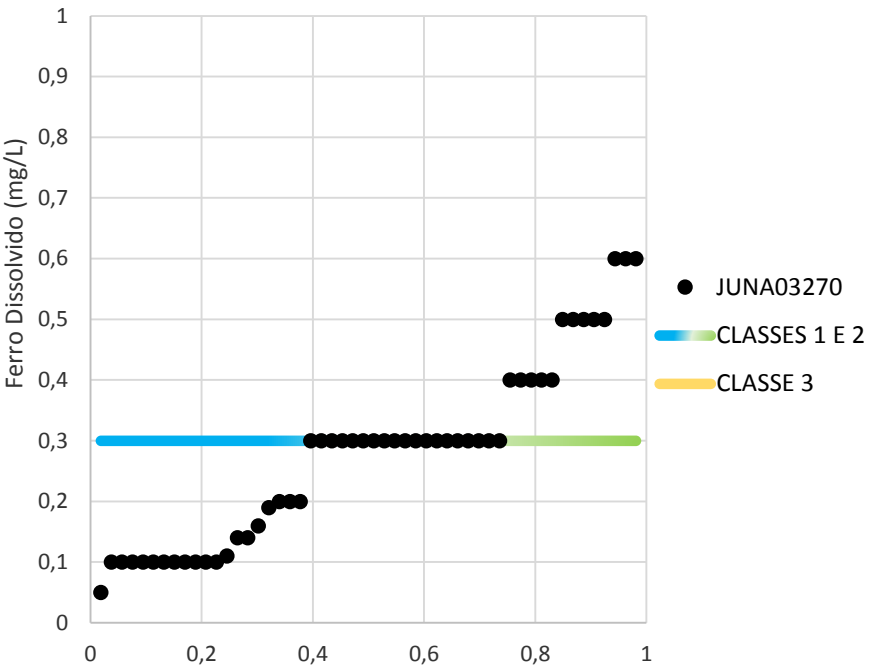


JUNA 03270 – Ferro Dissolvido (mg/L)

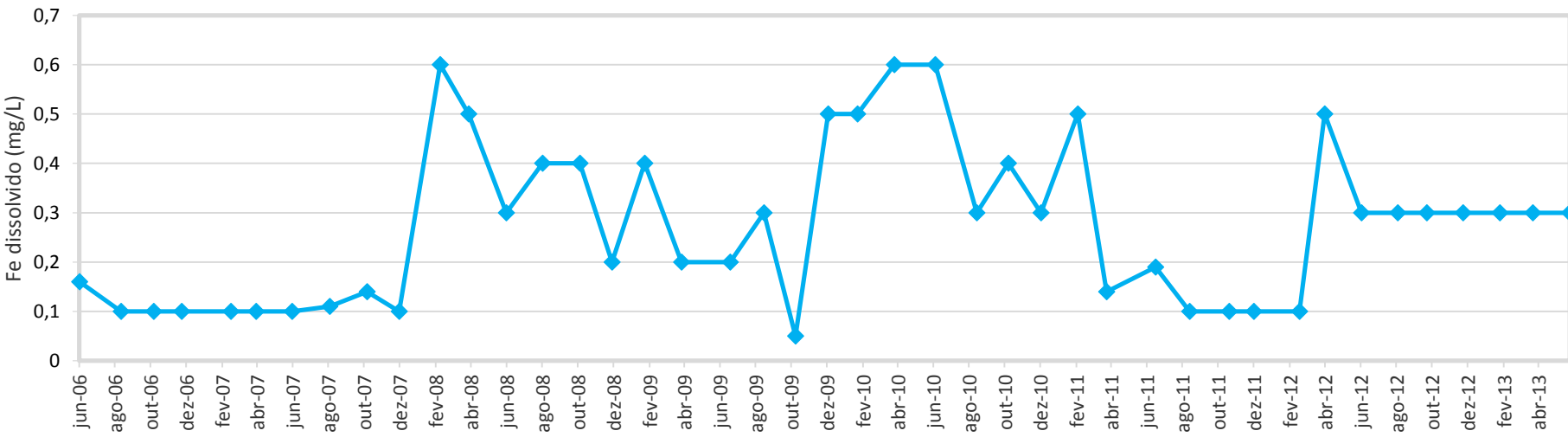
Porcentagem de Atendimento ao Padrão Classe 3 - Fe dissolvido



Curva de Permanência

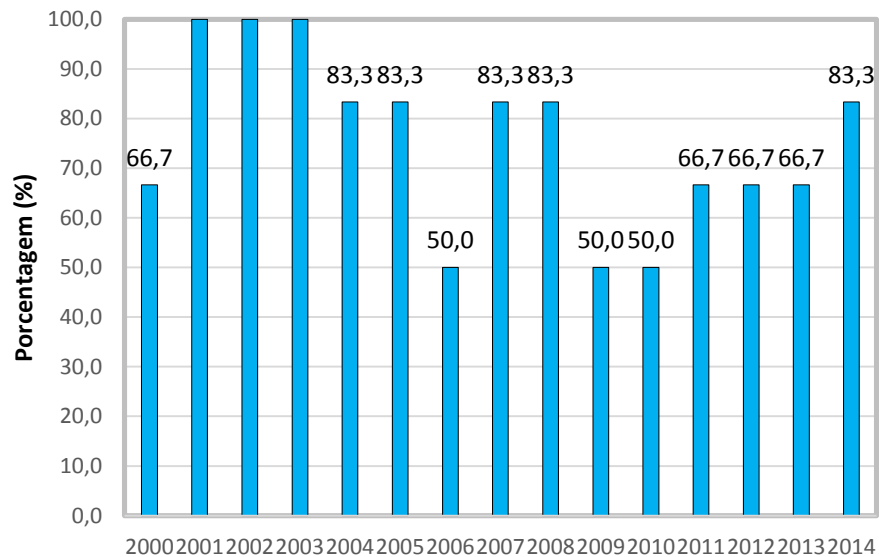


Evolução Temporal

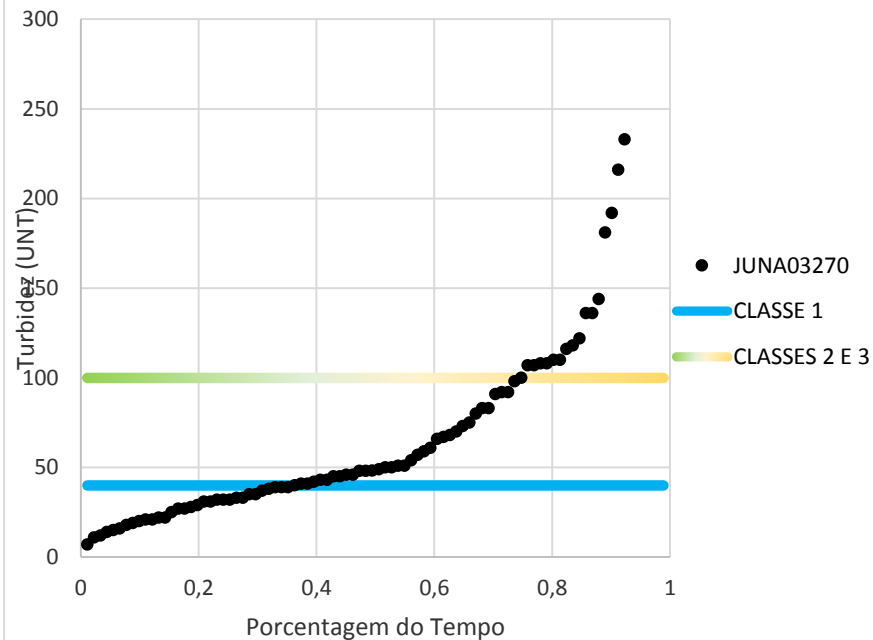


JUNA 03270 – Turbidez (UNT)

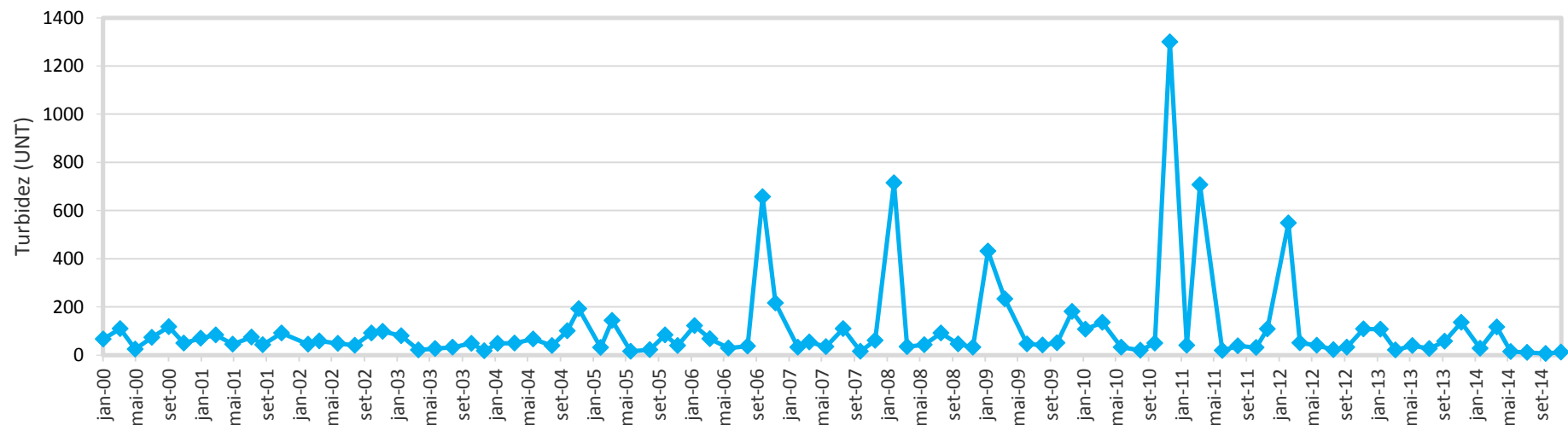
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

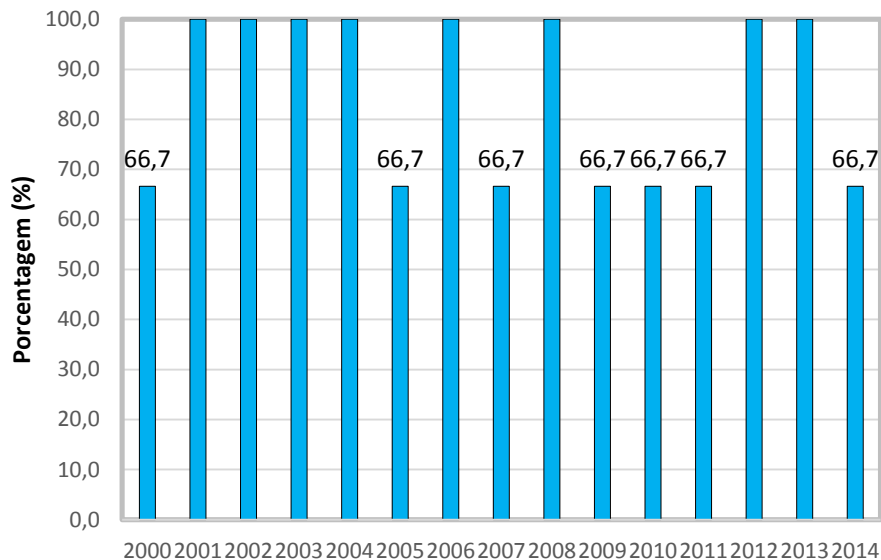


Evolução Temporal

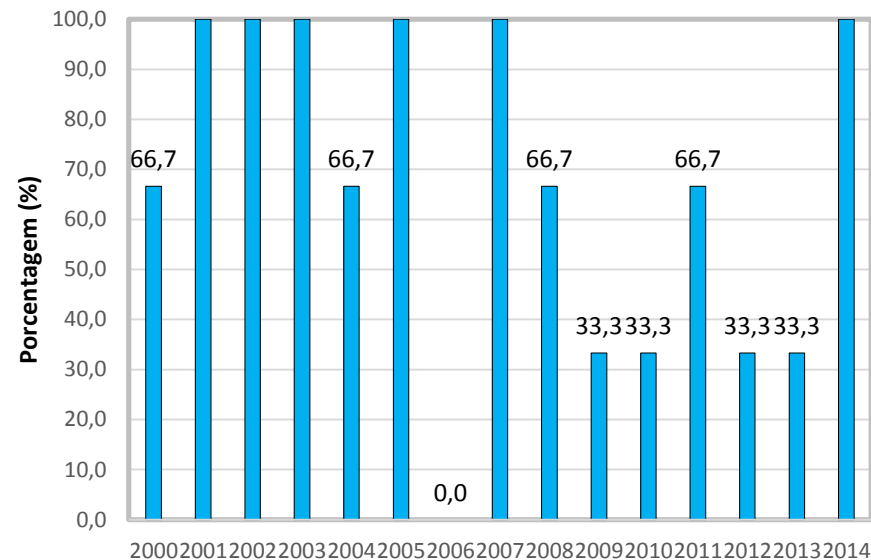


JUNA 03270 – Turbidez (Período Seco x Período Chuvoso)

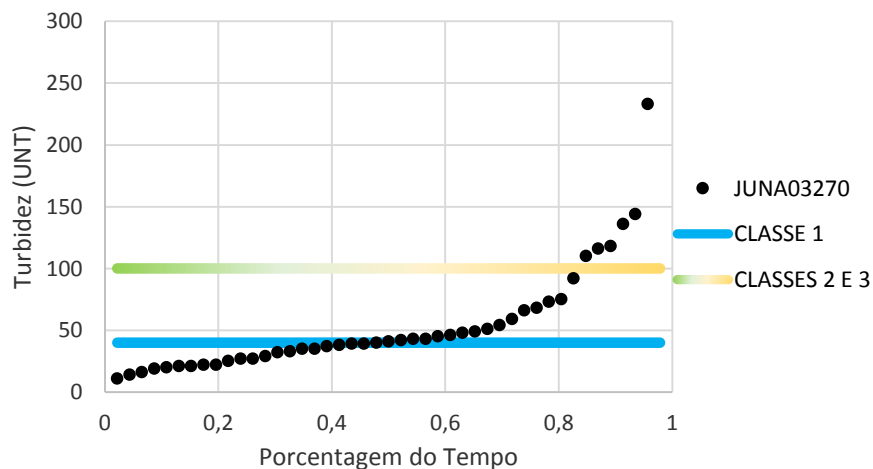
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (seco)



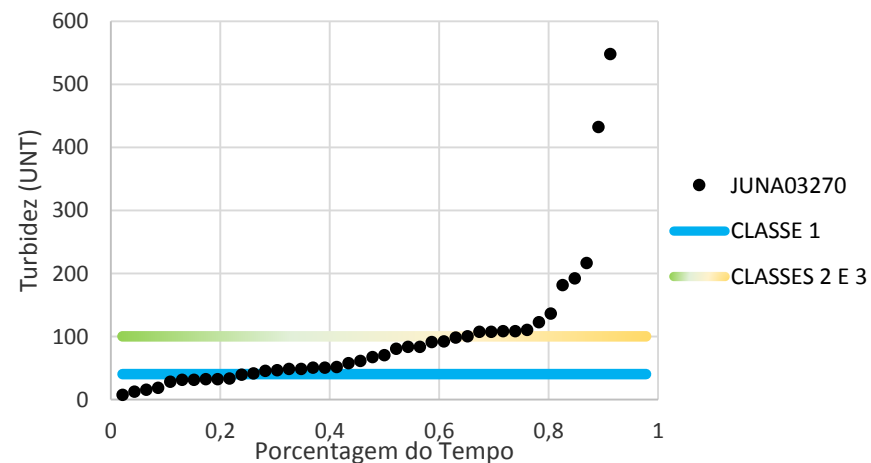
Porcentagem de Atendimento ao Padrão Classe 3 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

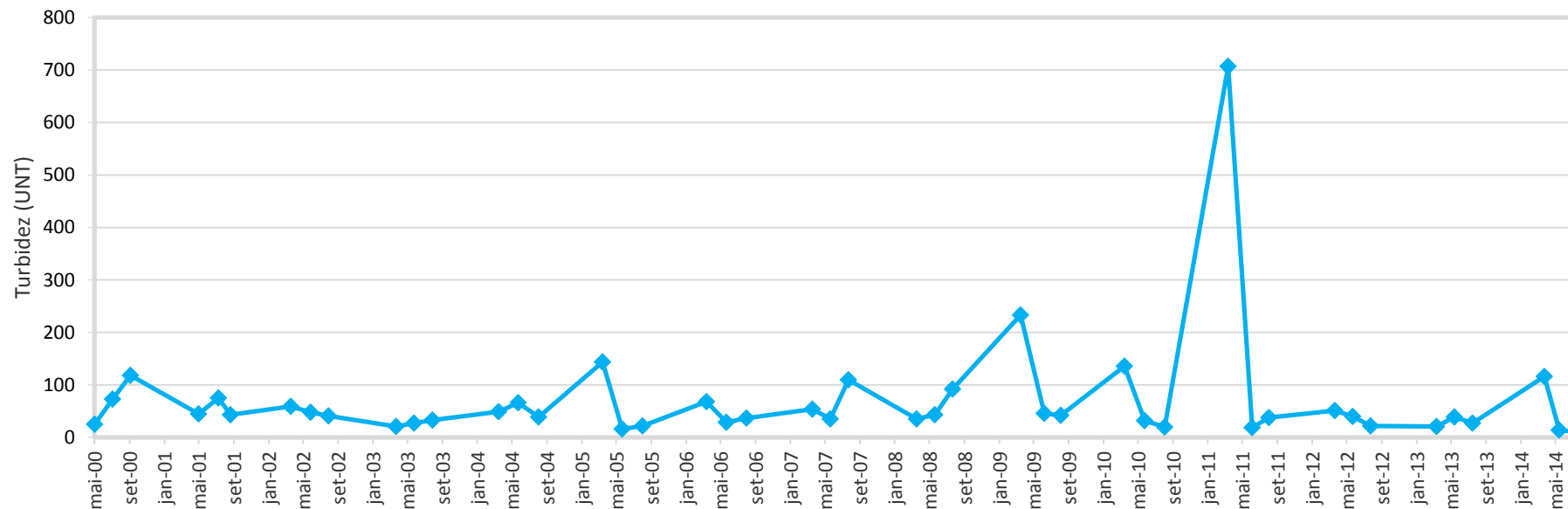


Curva de Permanência- Turbidez
(Período Chuvoso)

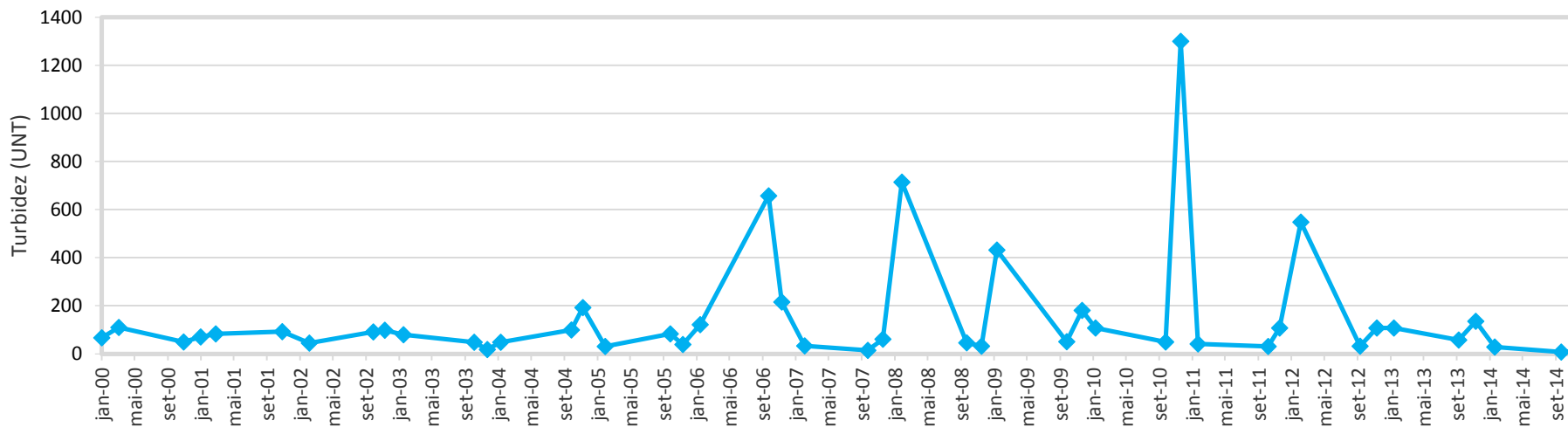


JUNA 03270 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



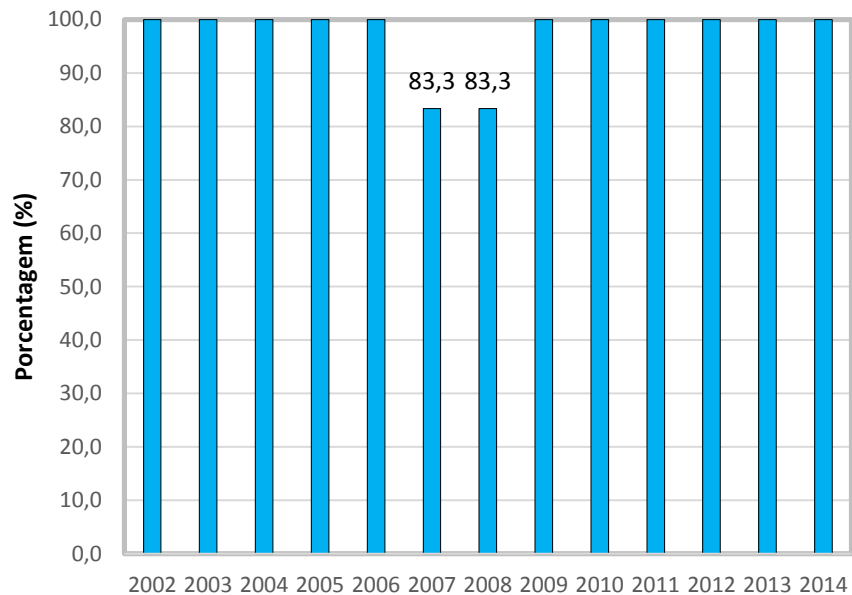
Evolução Temporal - Período Chuvoso



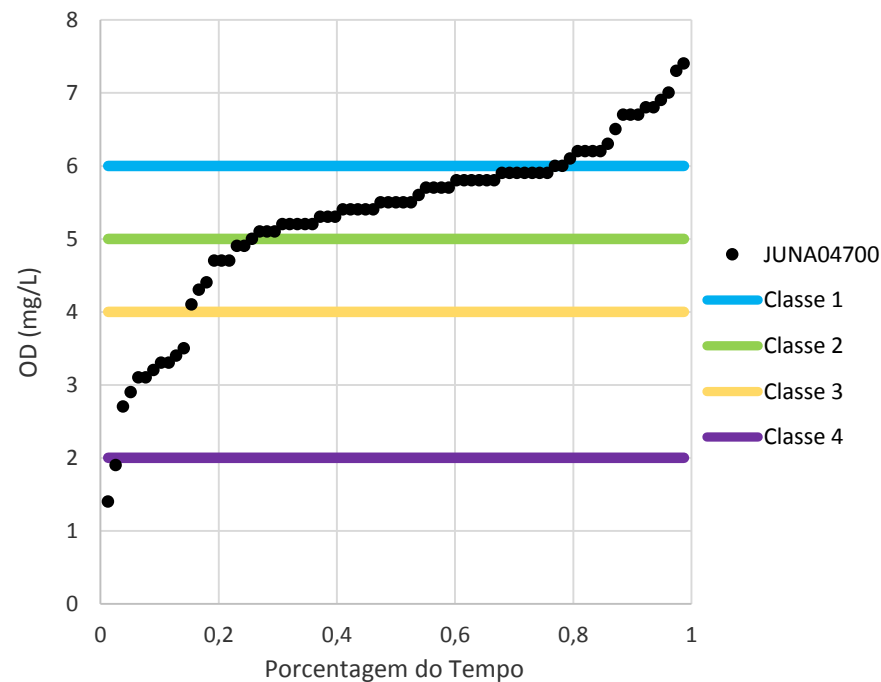
Rio Jundiaí
JUNA 04700

JUNA 04700 – Oxigênio Dissolvido (mg/L)

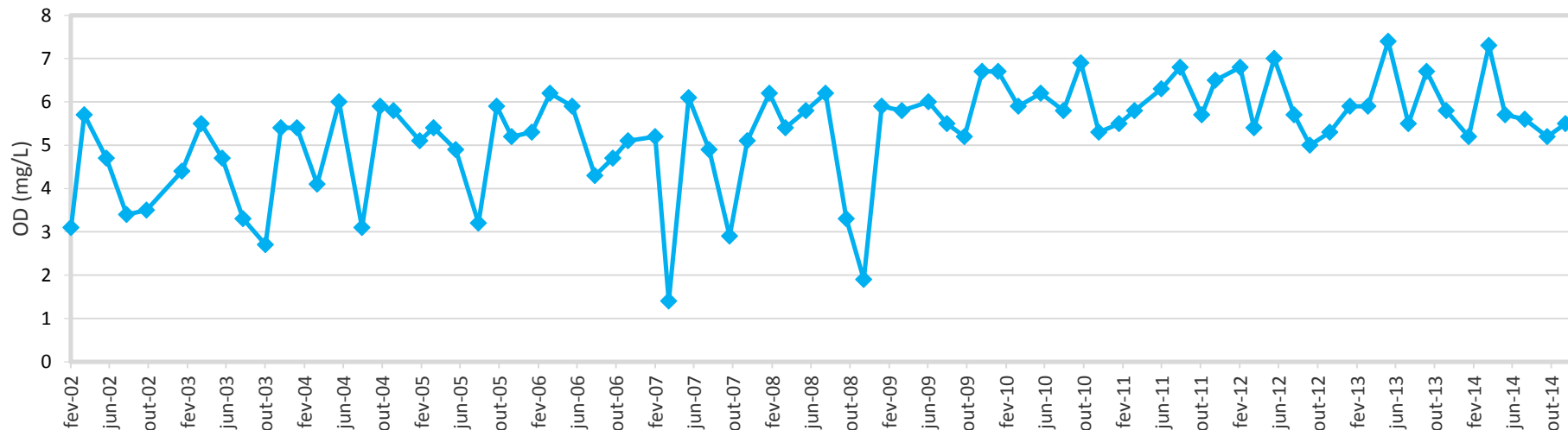
Porcentagem de Atendimento ao Padrão Classe 4 - OD



Curva de Permanência



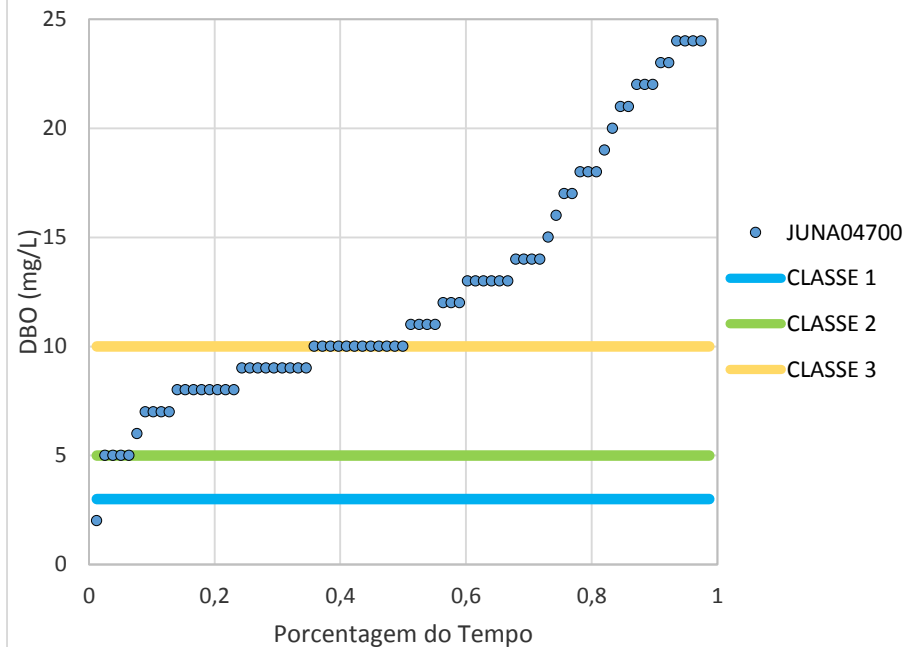
Evolução Temporal



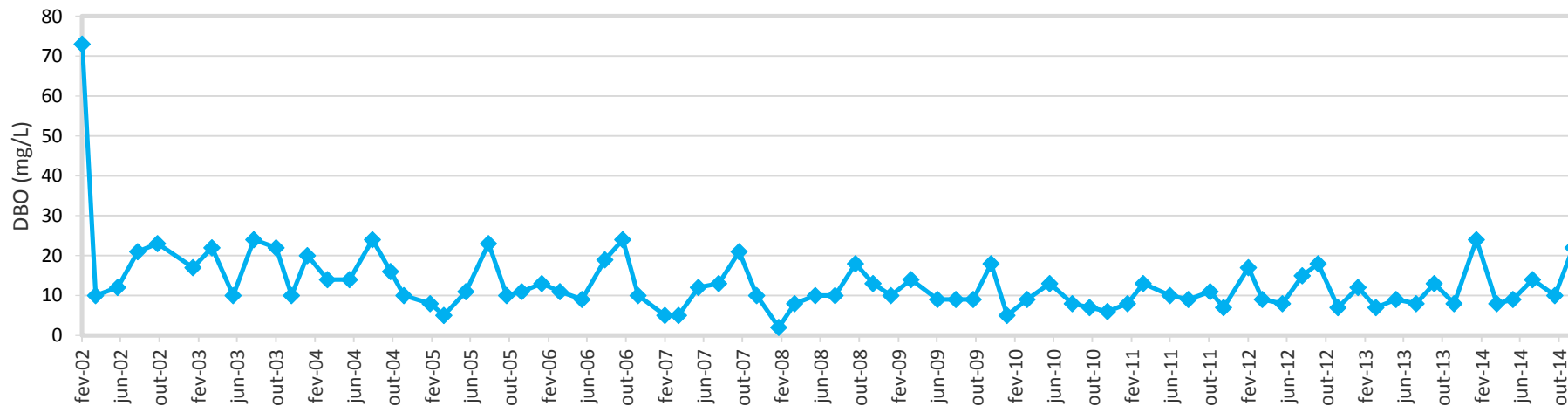
JUNA 04700 – DBO (mg/L)

Não há padrão para Classe 04

Curva de Permanência

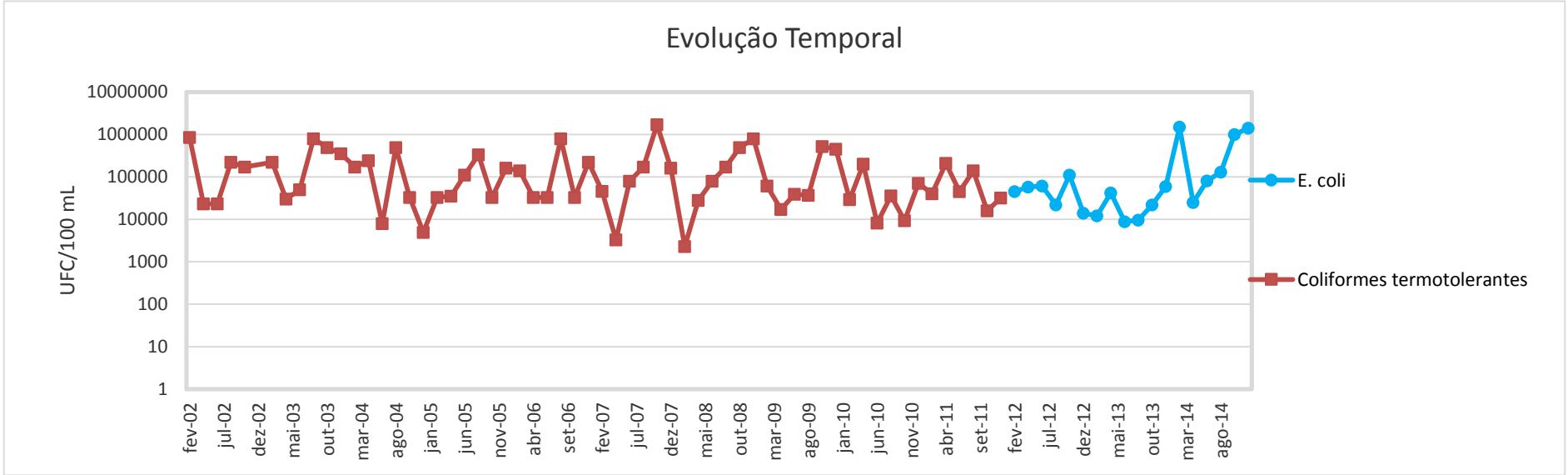
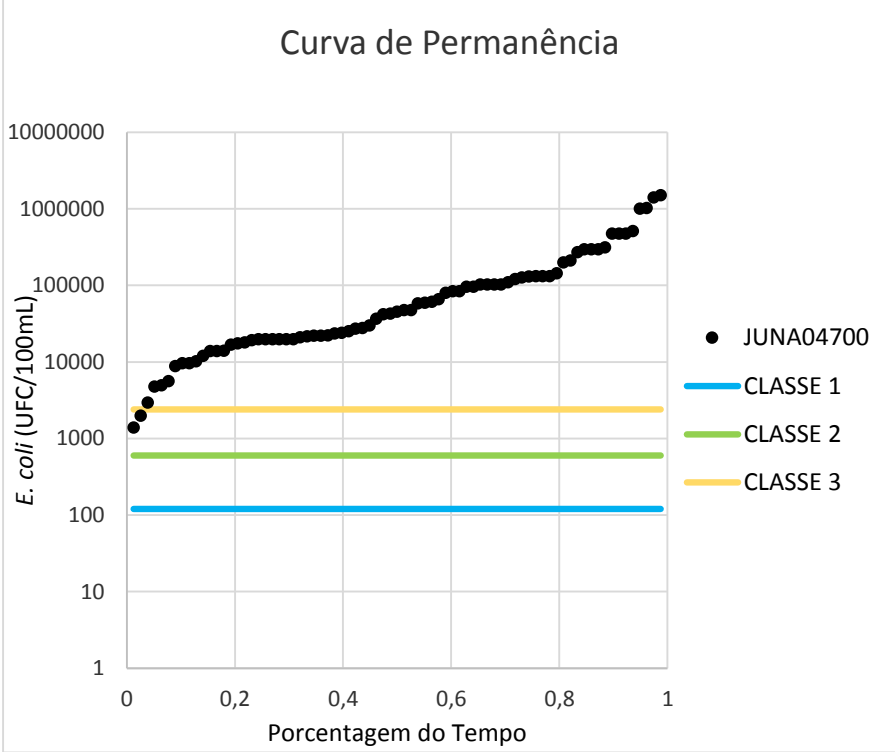


Evolução Temporal



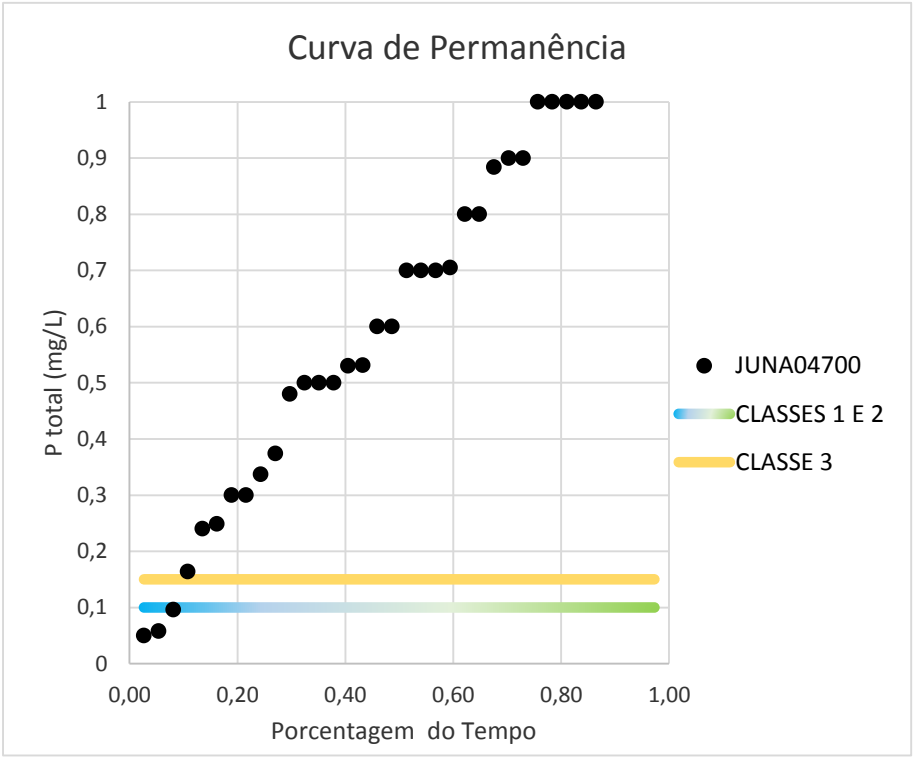
JUNA 04700– *Escherichia coli* (UFC/100mL)

Não há padrão para Classe 04

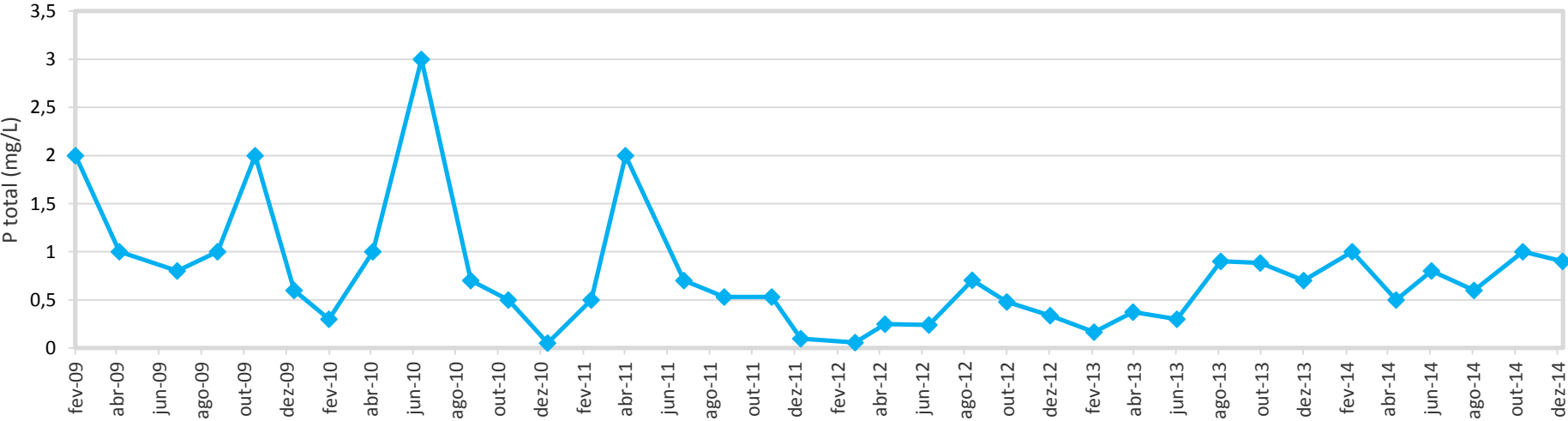


JUNA 04700 – Fósforo Total (mg/L)

Não há padrão para Classe 04



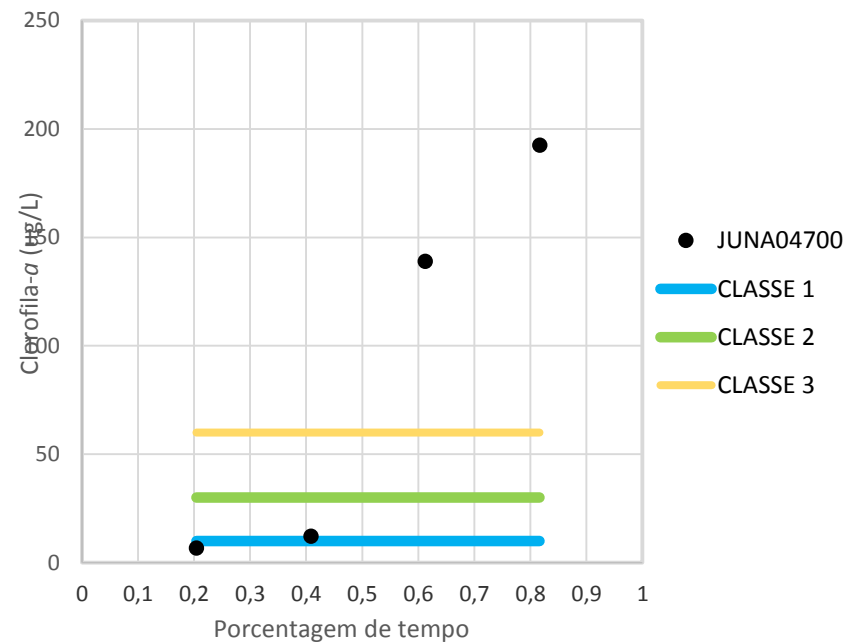
Evolução Temporal



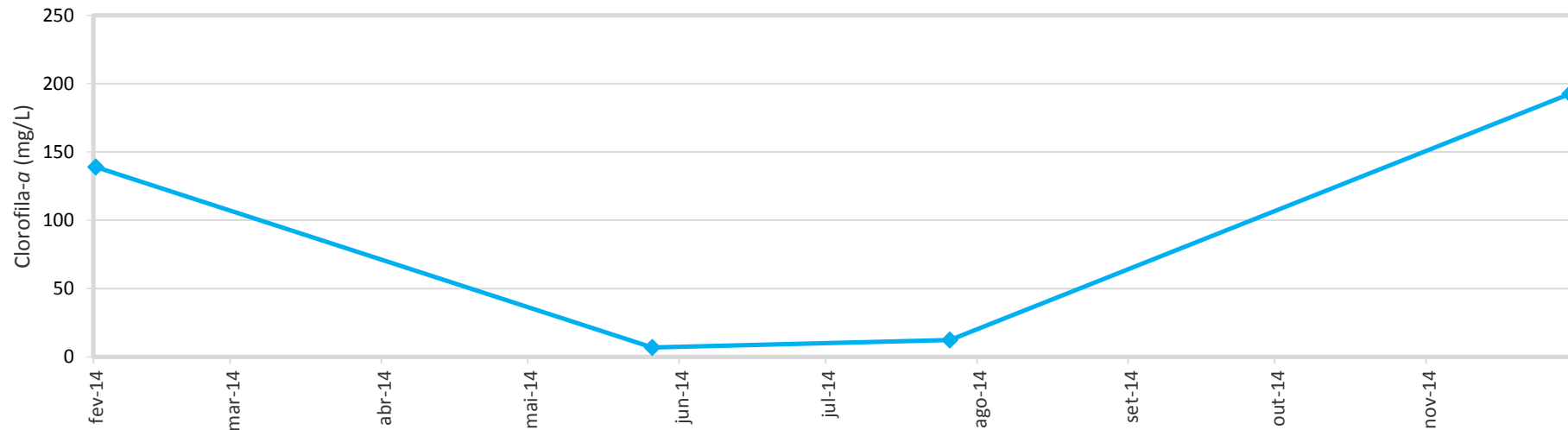
JUNA 04700 – Clorofila a ($\mu\text{g/L}$)

Não há padrão para Classe 04

Curva de Permanência

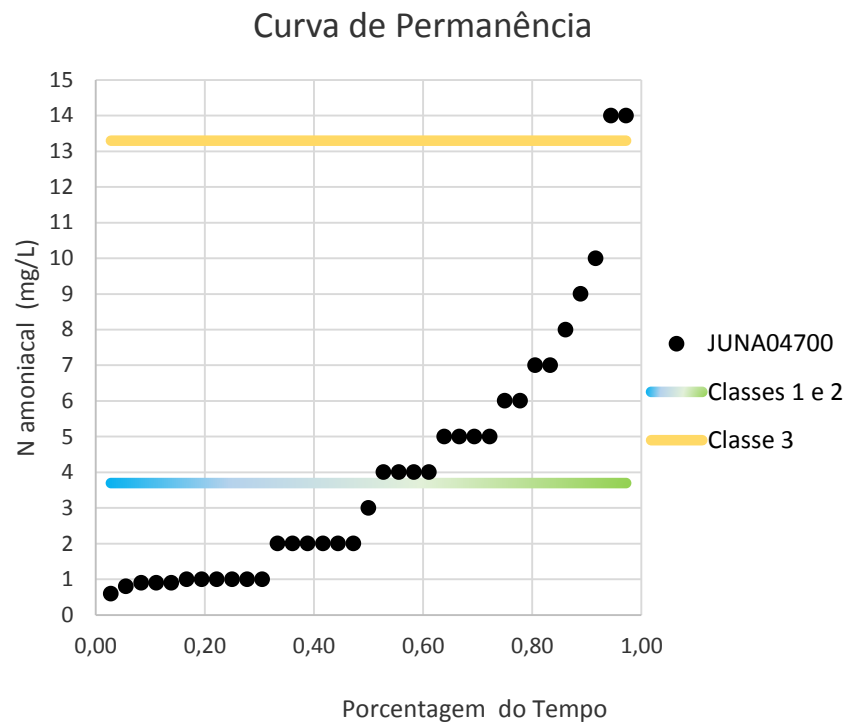


Evolução Temporal

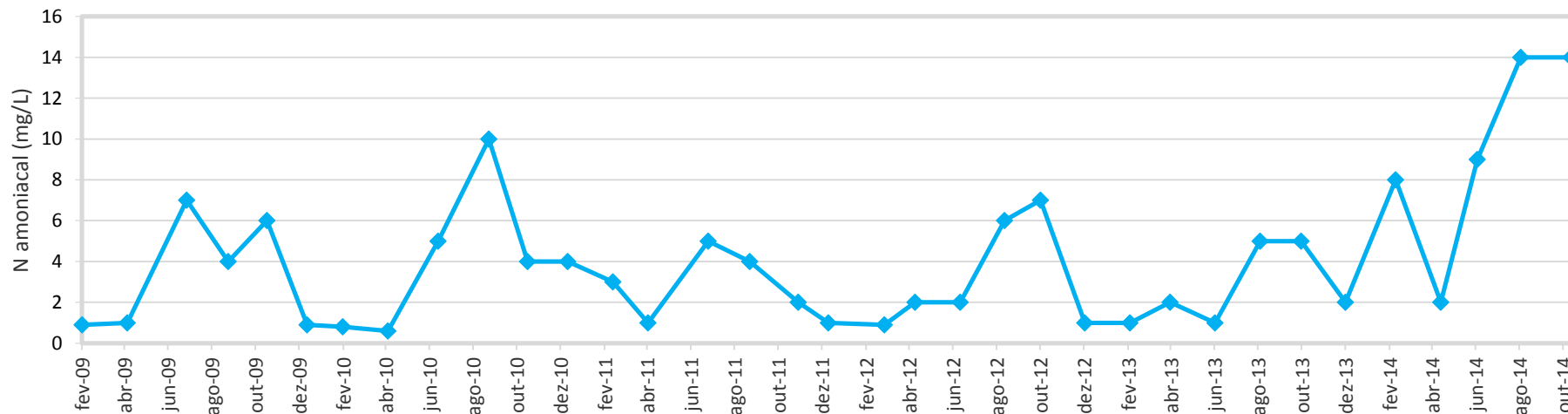


JUNA 04700 – Nitrogênio Amoniacal (mg/L)

Não há padrão para Classe 04

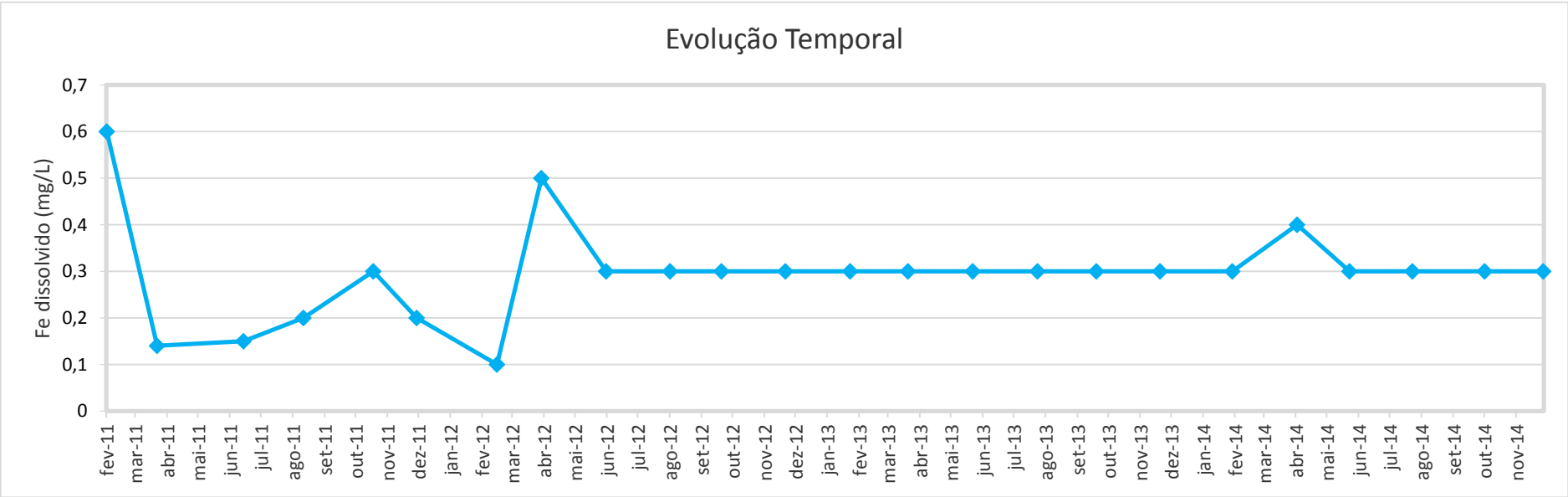
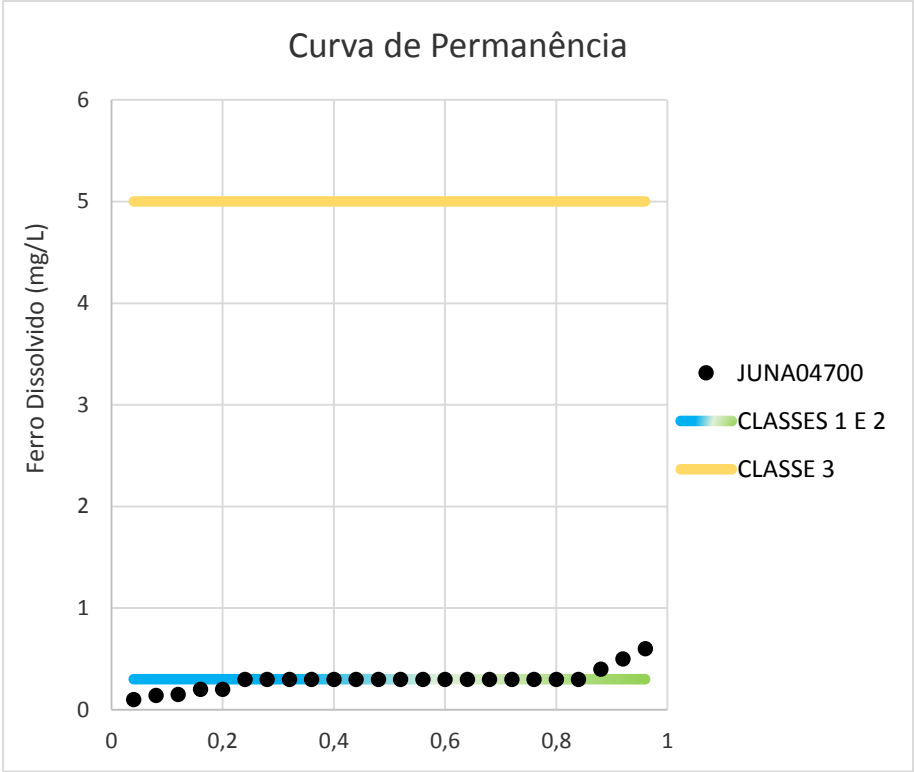


Evolução Temporal



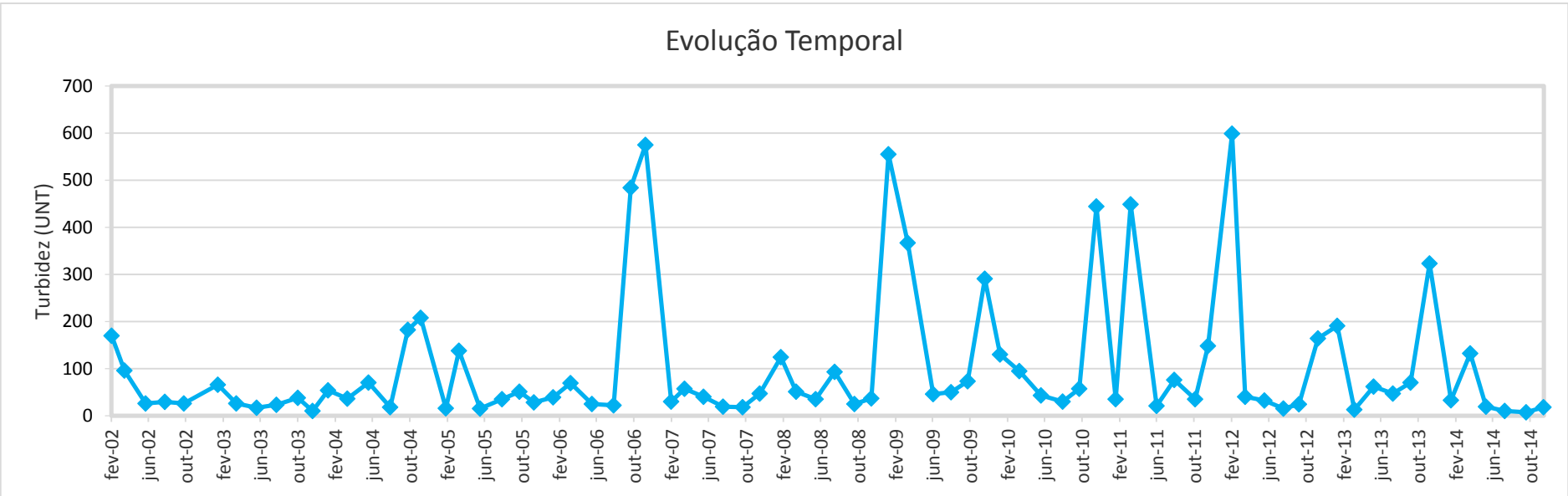
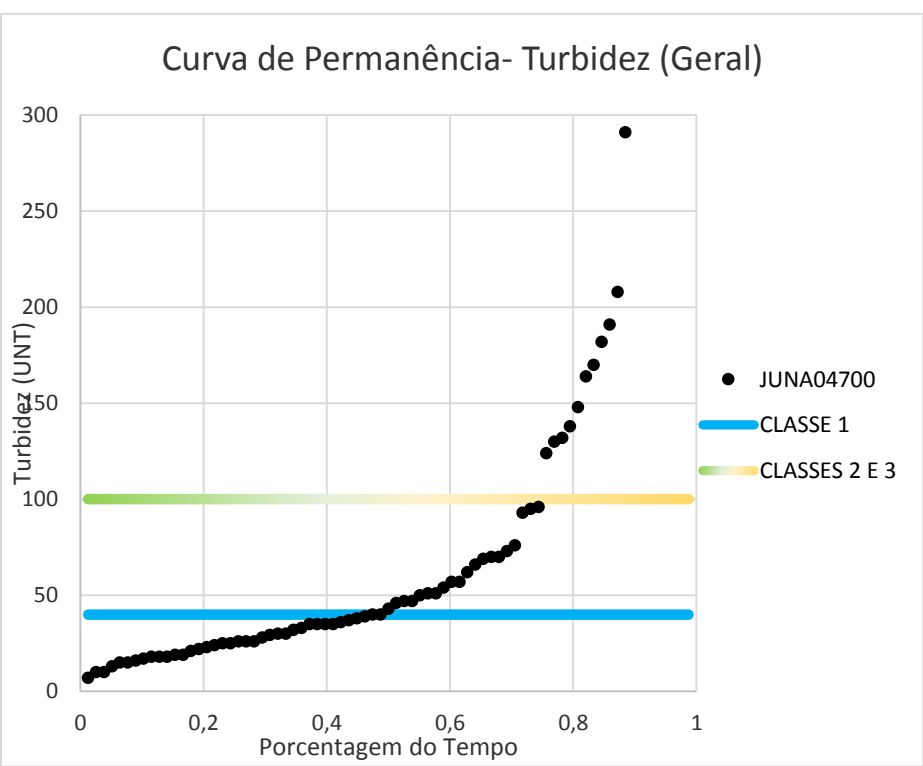
JUNA 04700 – Ferro Dissolvido (mg/L)

Não há padrão para Classe 04



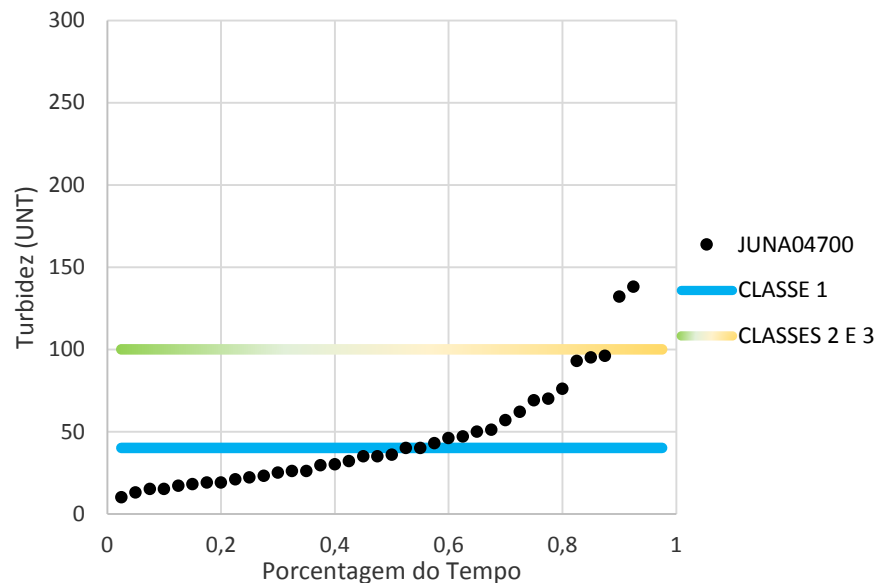
JUNA 04700 – Turbidez (UNT)

Não há padrão para Classe 04

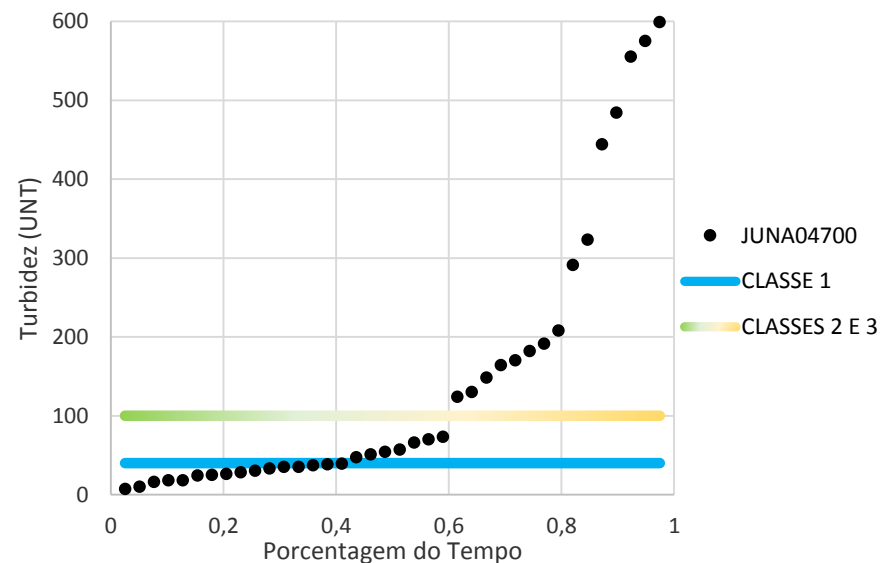


JUNA 04700 – Turbidez (Período Seco x Período Chuvoso)

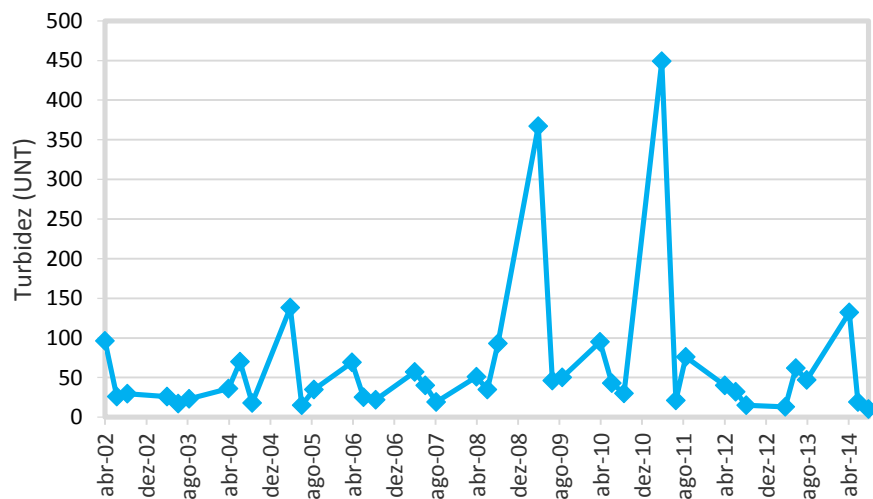
Curva de Permanência- Turbidez (Período Seco)



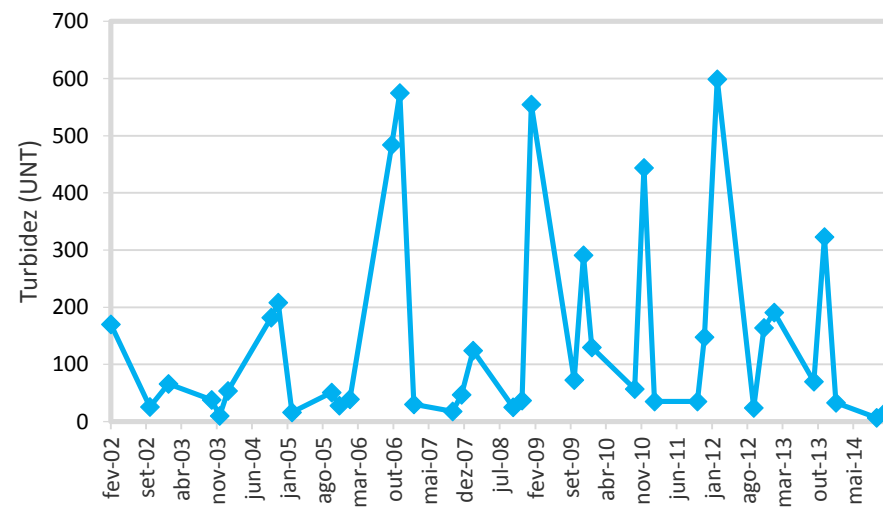
Curva de Permanência- Turbidez (Período Chuvoso)



Evolução Temporal - Período Seco



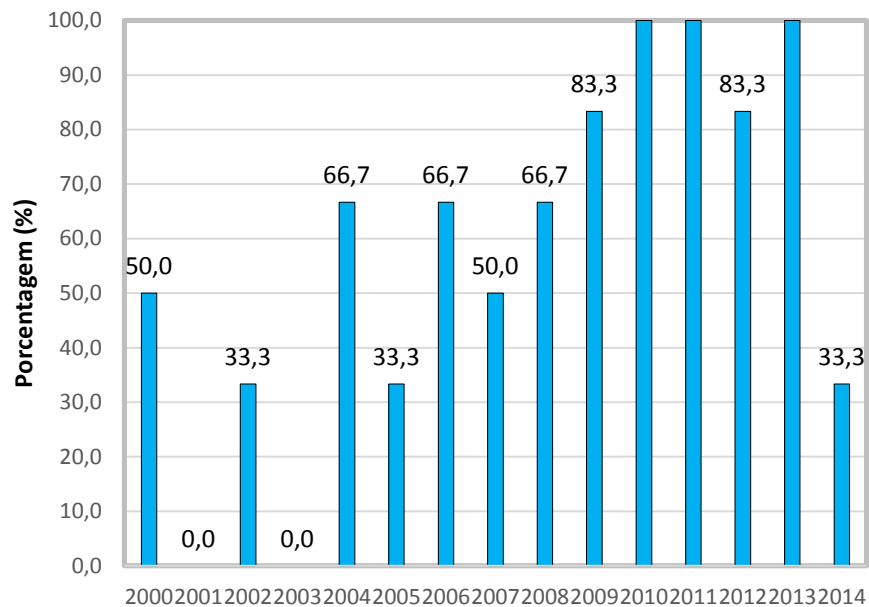
Evolução Temporal - Período Chuvoso



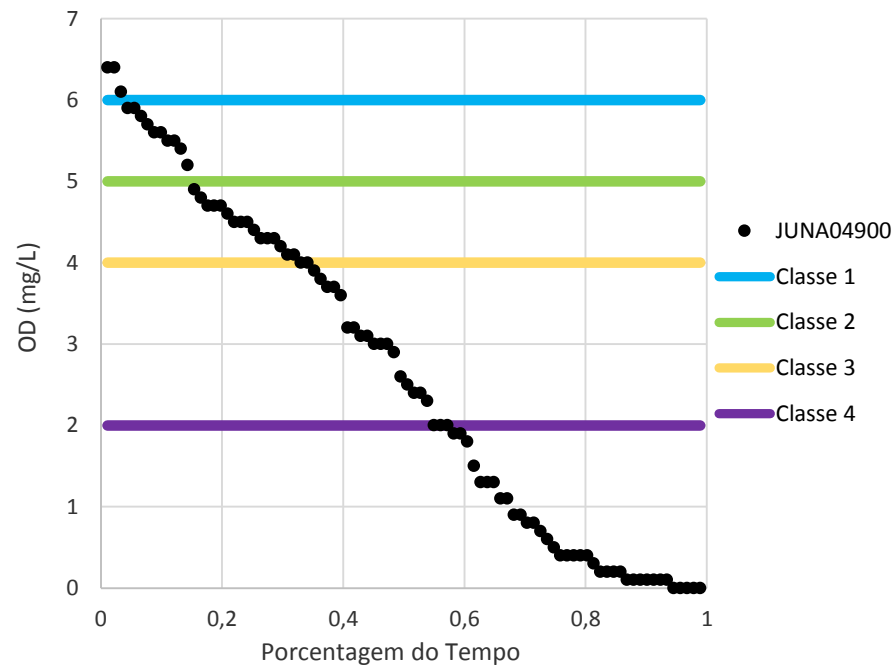
Rio Jundiaí
JUNA 04900

JUNA 04900 – Oxigênio Dissolvido (mg/L)

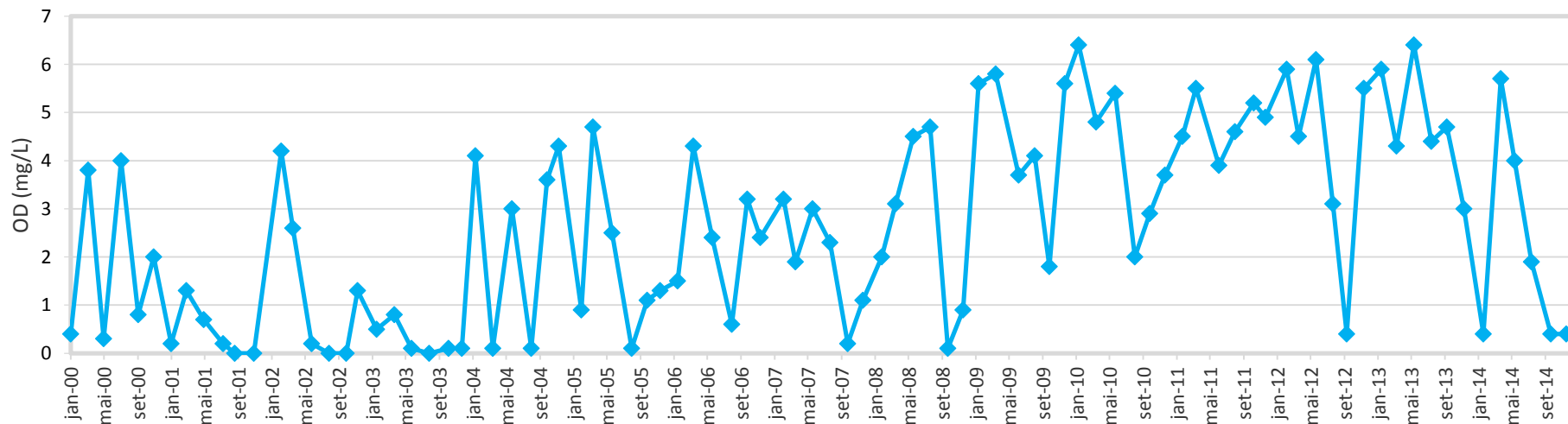
Porcentagem de Atendimento ao Padrão Classe 4 - OD



Curva de Permanência

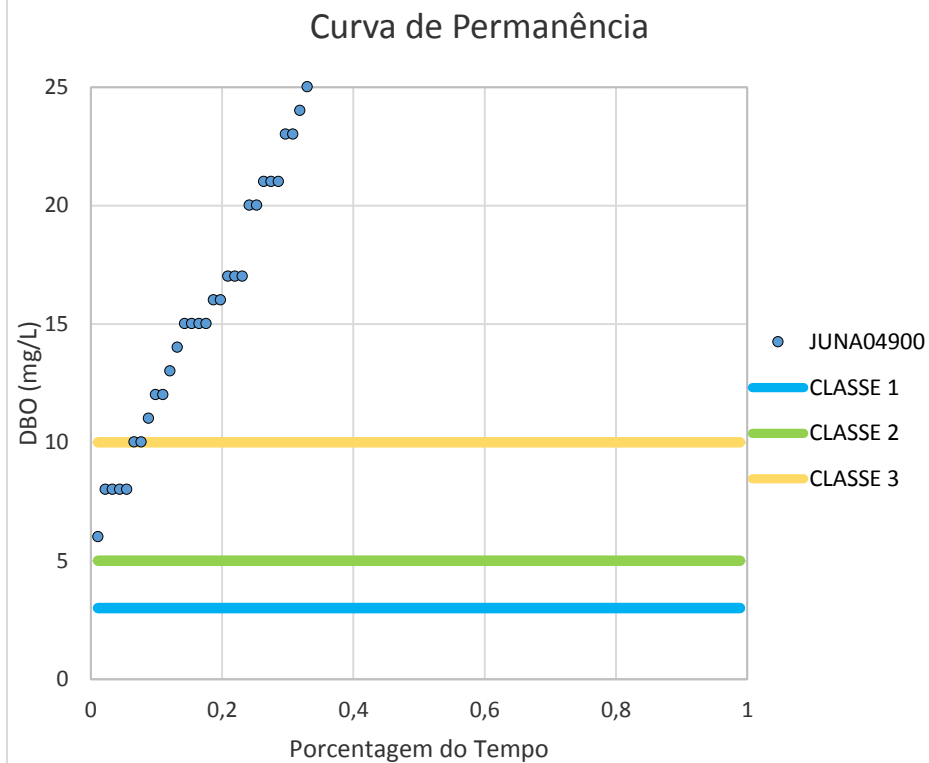


Evolução Temporal

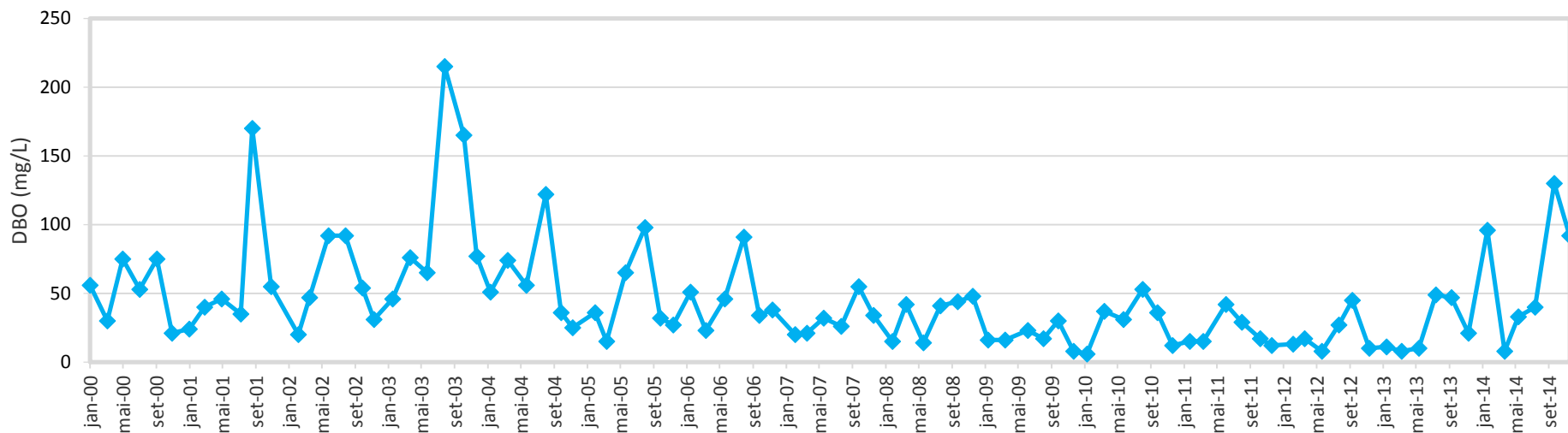


JUNA 04900 – DBO (mg/L)

Não há padrão para Classe 04

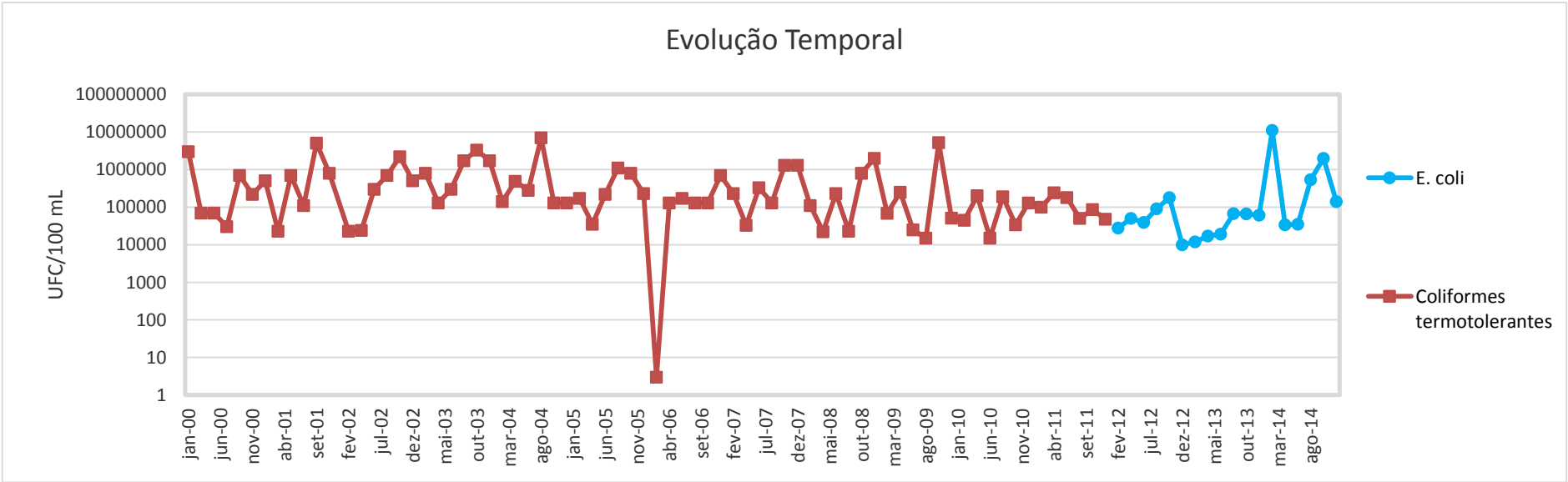
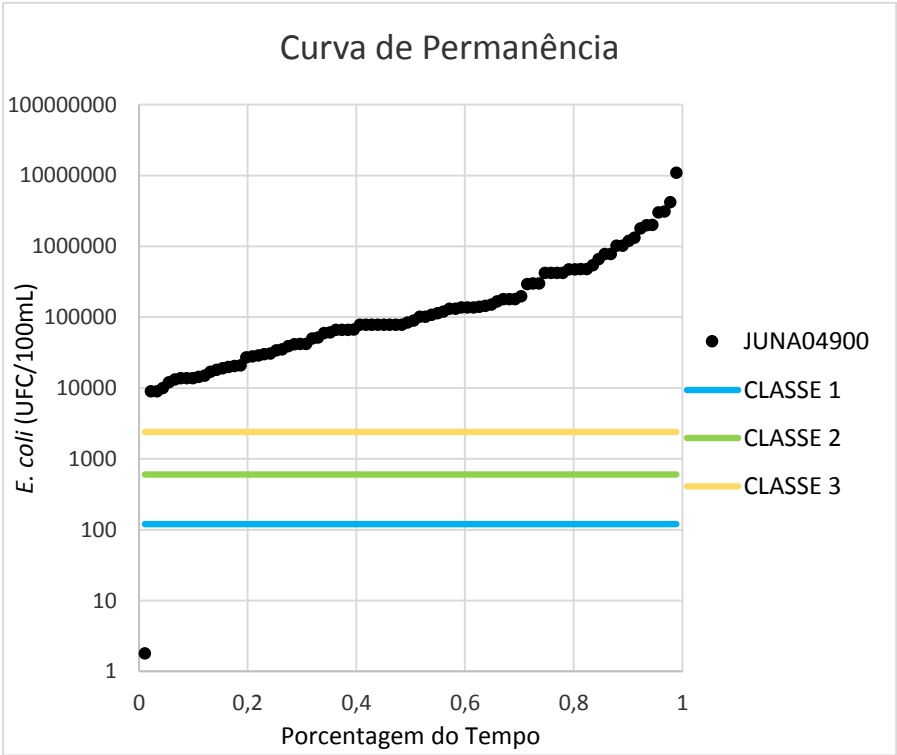


Evolução Temporal



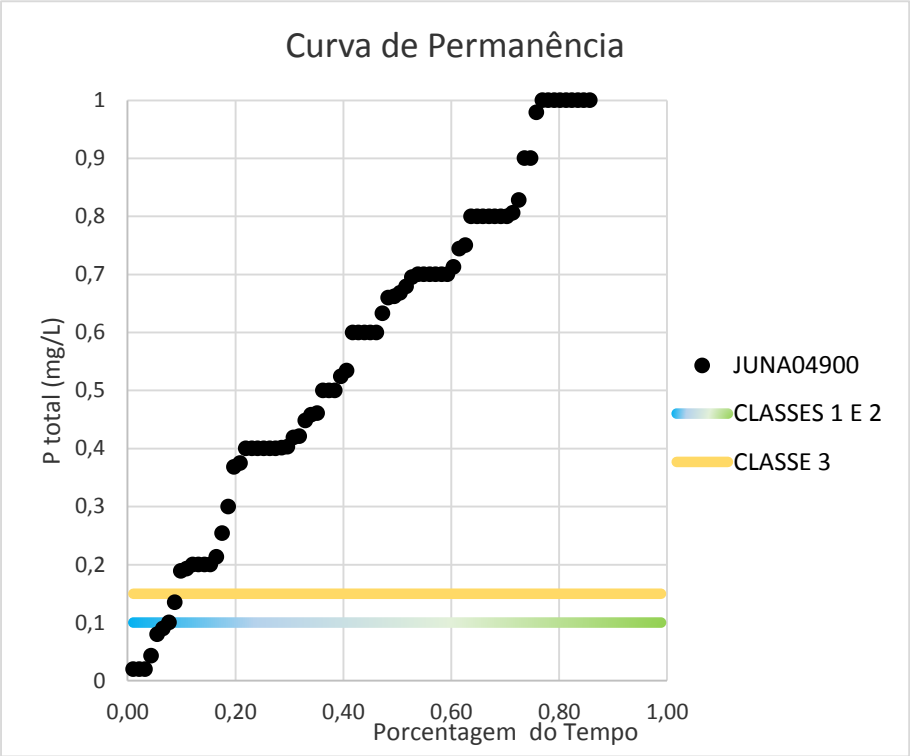
JUNA 04900 – *Escherichia coli* (UFC/100mL)

Não há padrão para Classe 04

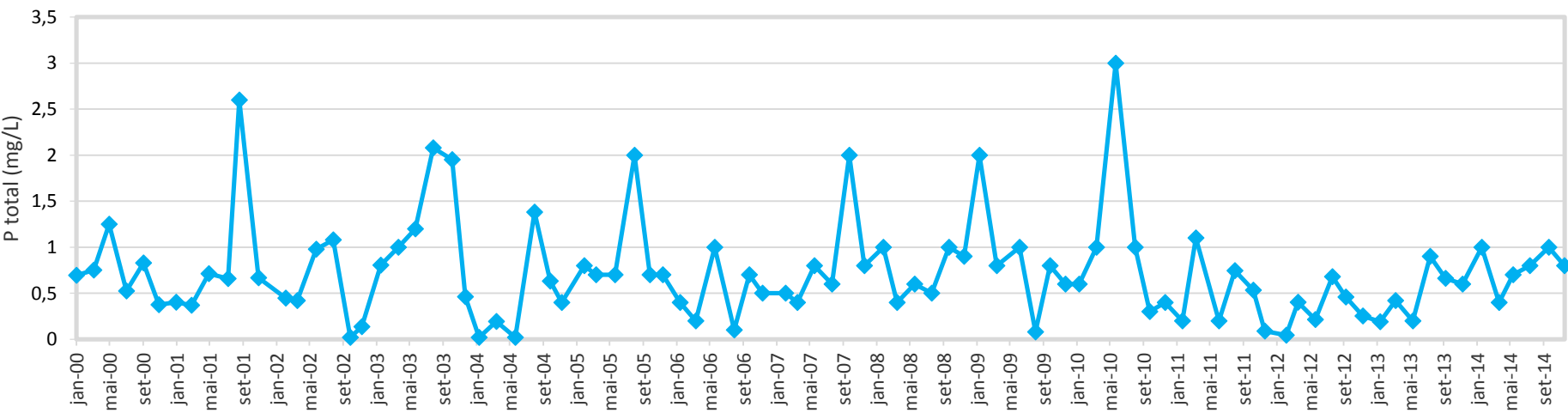


JUNA 04900 – Fósforo Total (mg/L)

Não há padrão para Classe 04

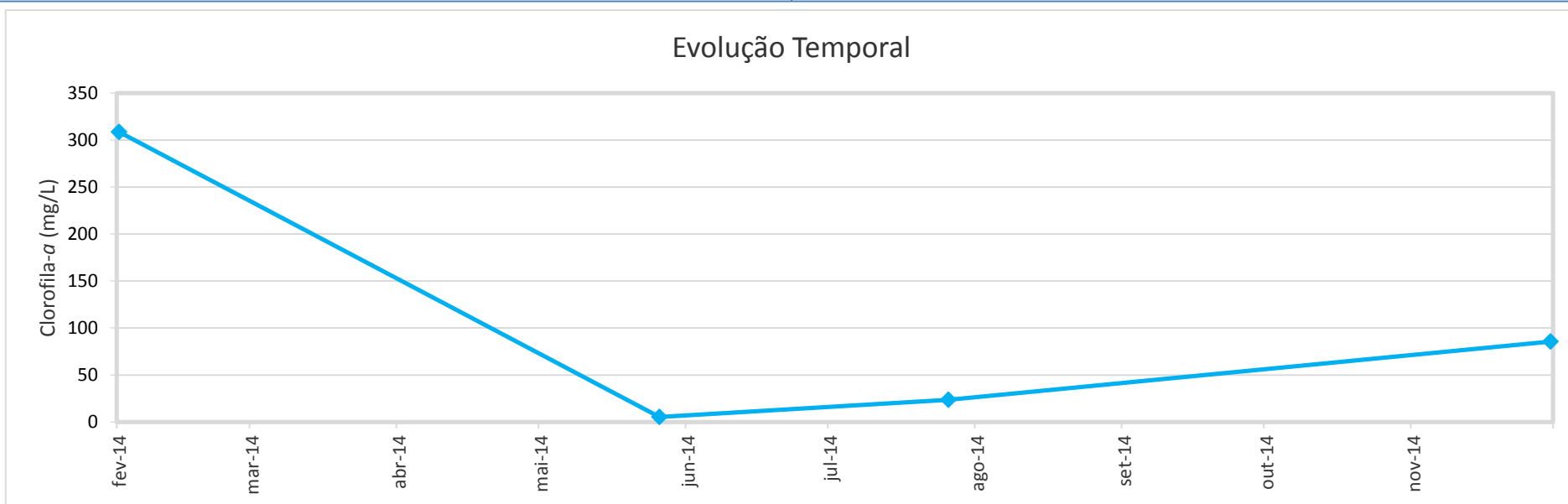
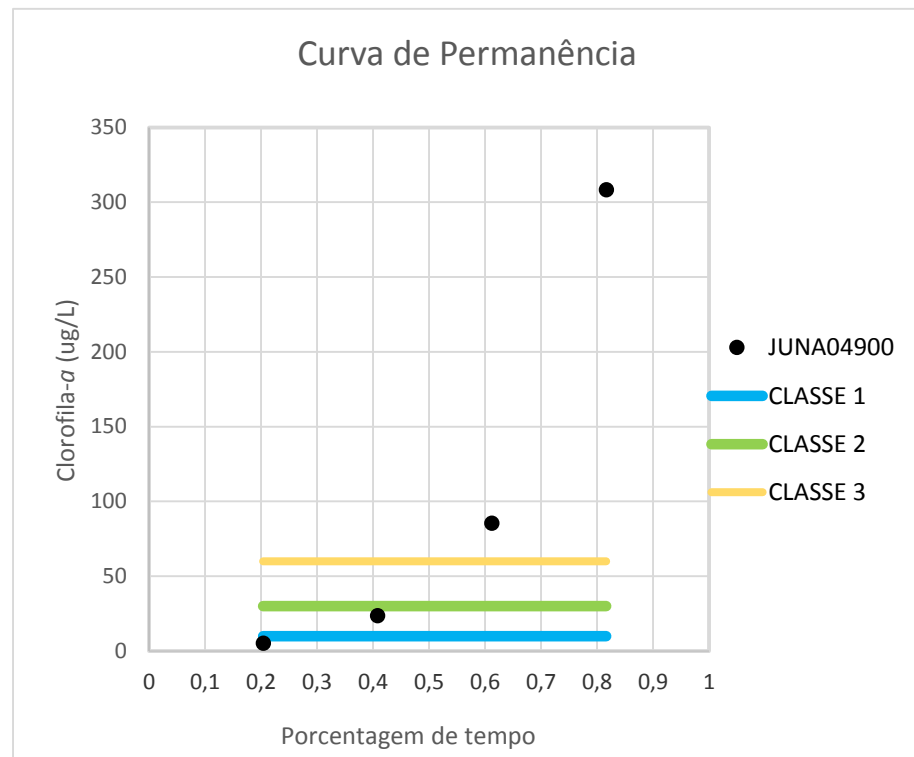


Evolução Temporal



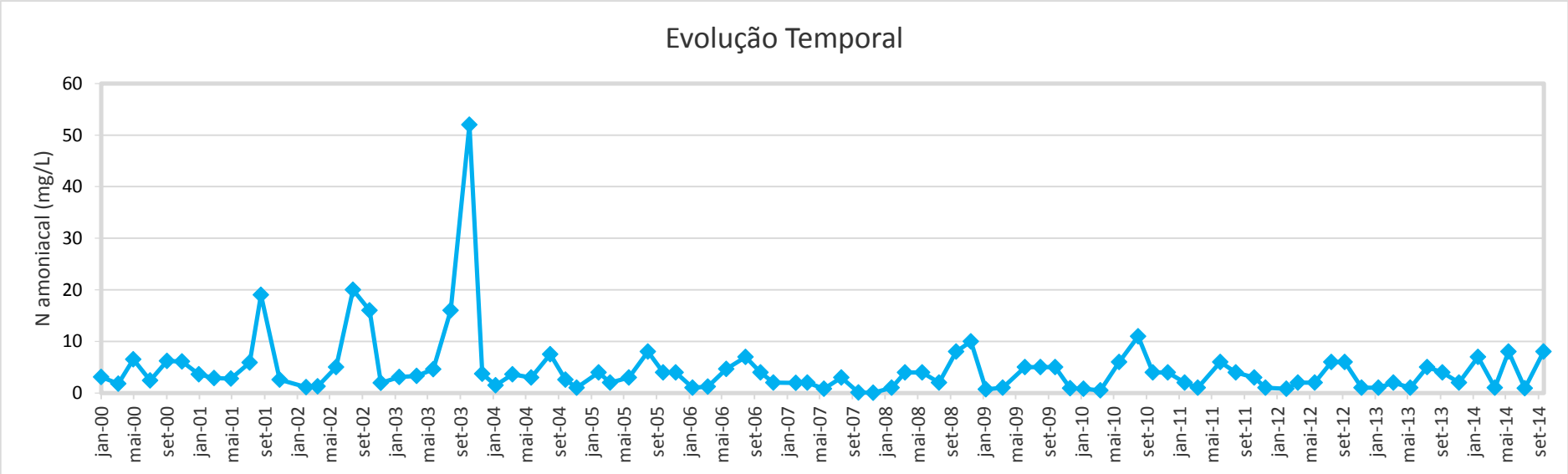
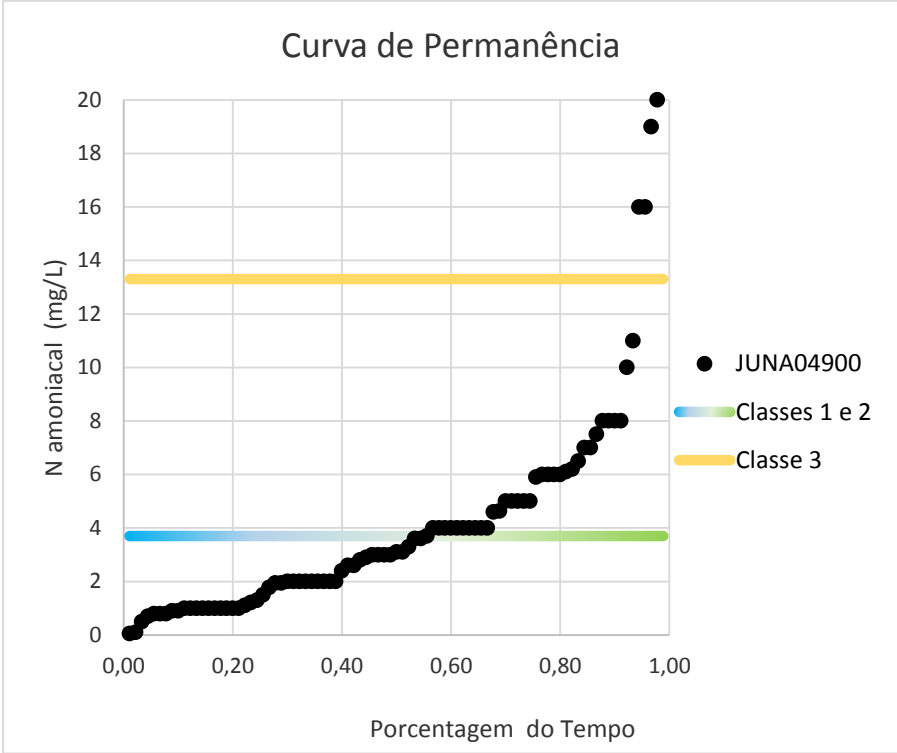
JUNA 04900 – Clorofila a ($\mu\text{g/L}$)

Não há padrão para Classe 04



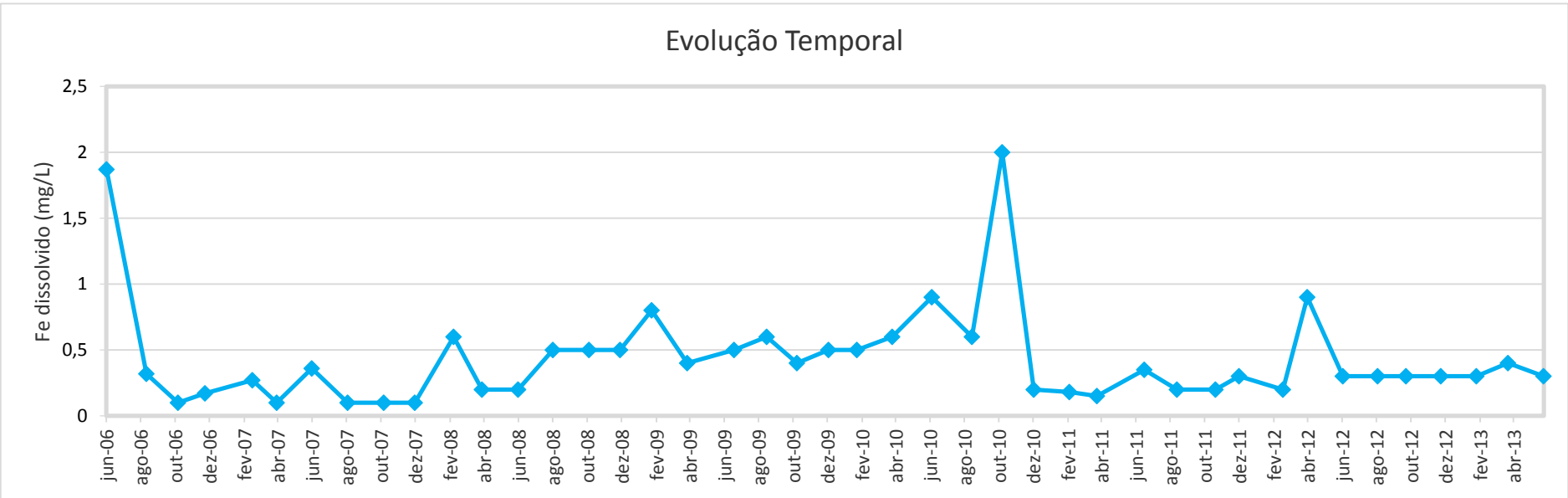
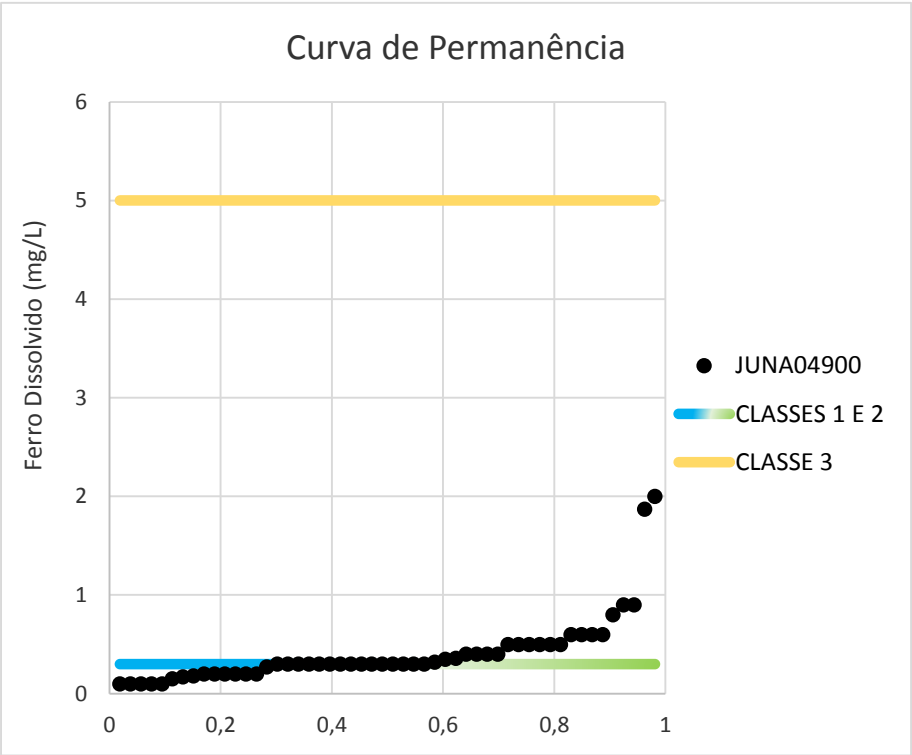
JUNA 04900 – Nitrogênio Amoniacal (mg/L)

Não há padrão para Classe 04



JUNA 04900 – Ferro Dissolvido (mg/L)

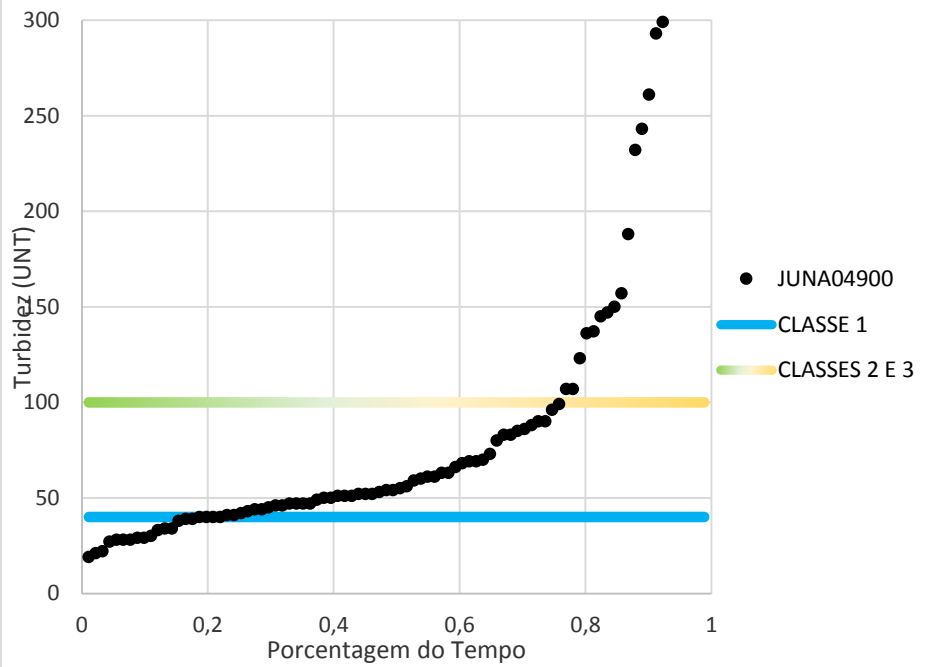
Não há padrão para Classe 04



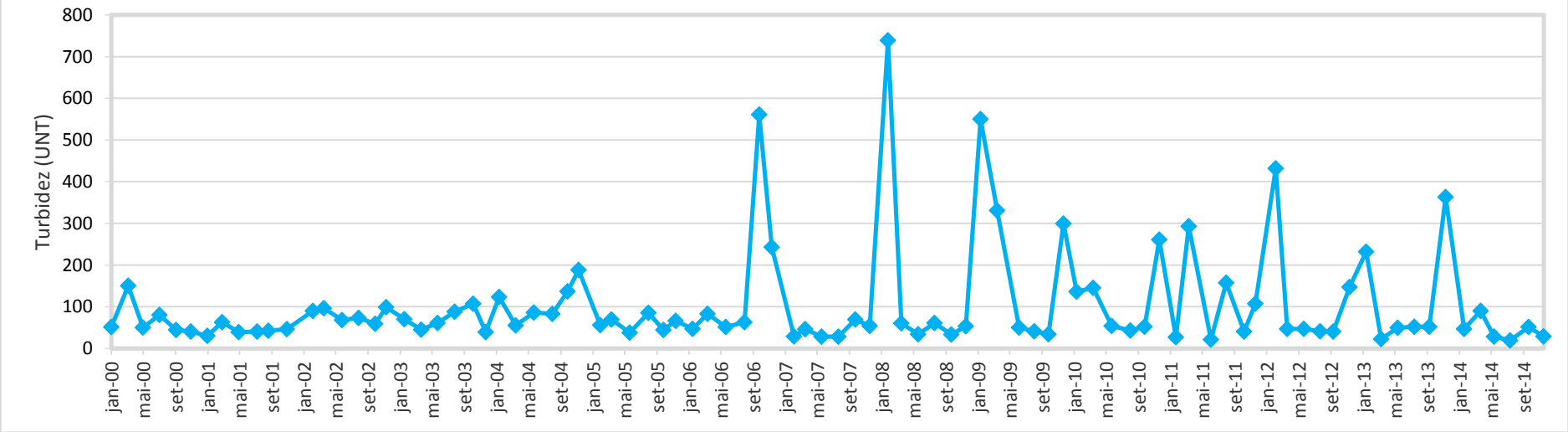
JUNA 04900 – Turbidez (UNT)

Não há padrão para Classe 04

Curva de Permanência- Turbidez (Geral)

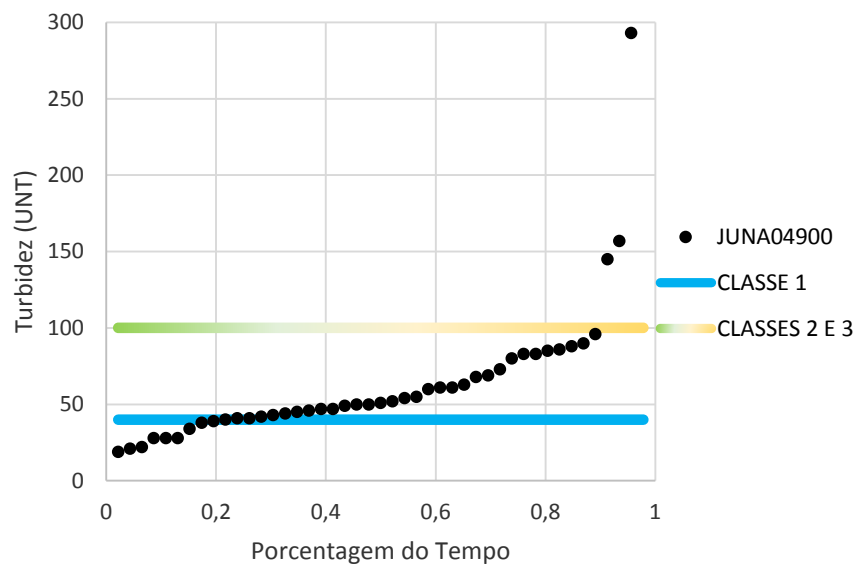


Evolução Temporal

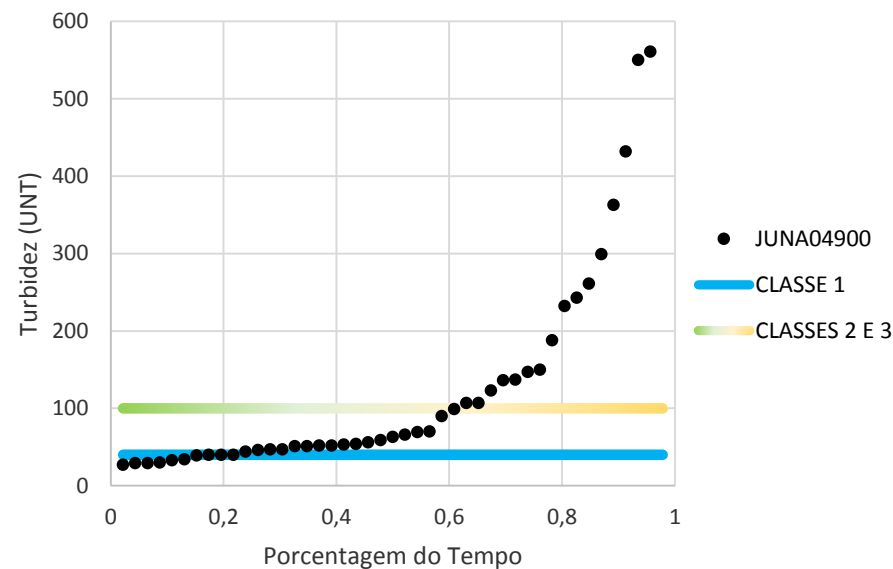


JUNA 04900 – Turbidez (Período Seco x Período Chuvoso)

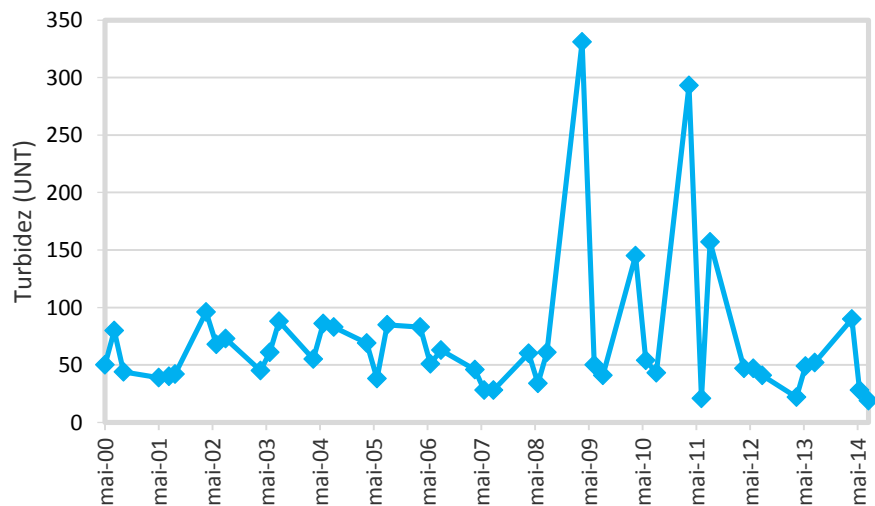
Curva de Permanência- Turbidez (Período Seco)



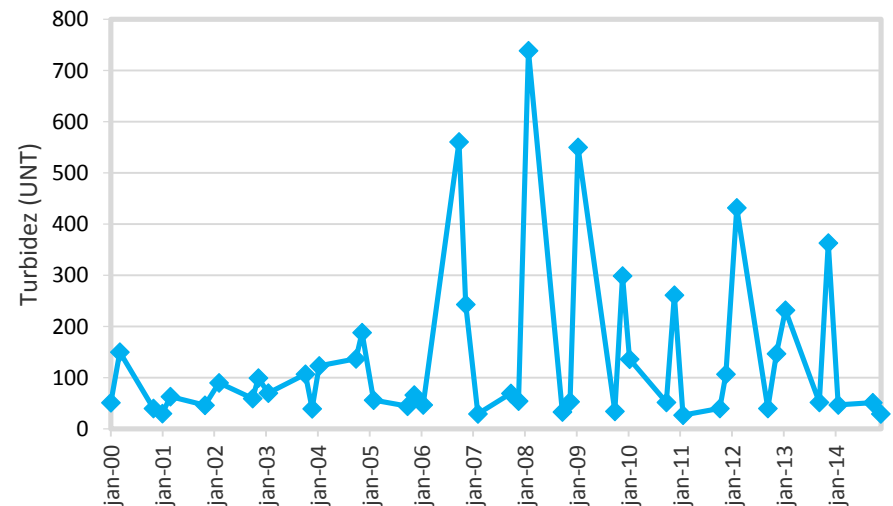
Curva de Permanência- Turbidez (Período Chuvoso)



Evolução Temporal - Período Seco



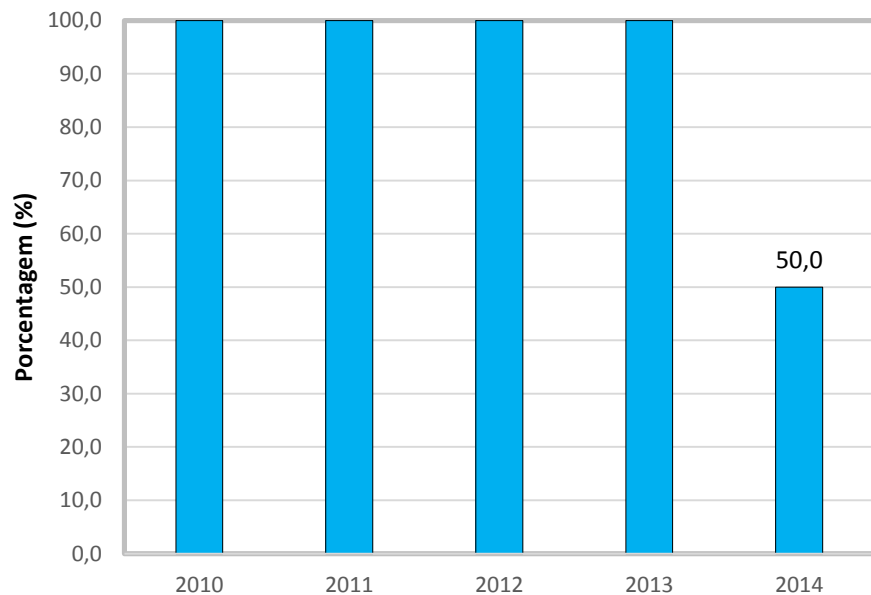
Evolução Temporal - Período Chuvoso



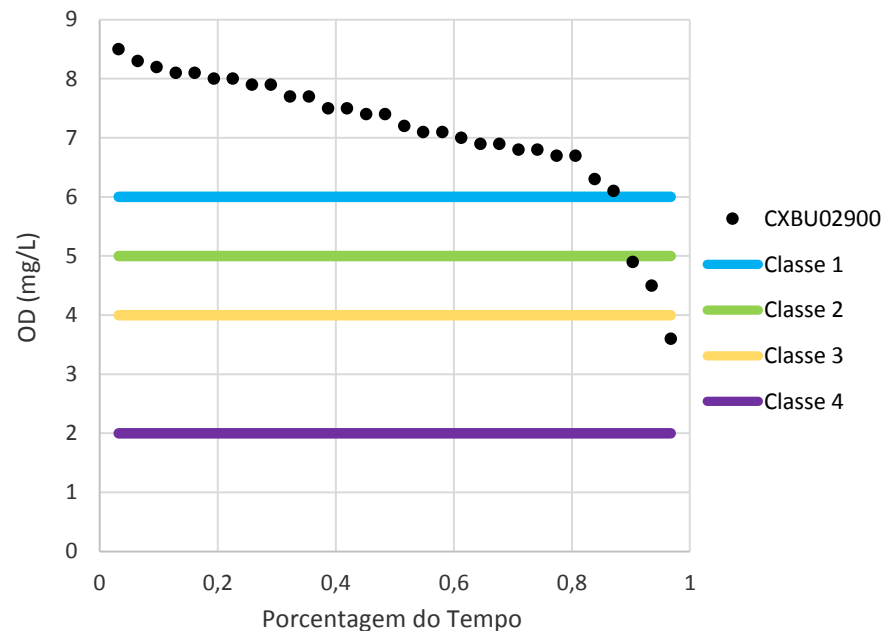
Ribeirão do Caxambu
CXBU 02900

CXBU 02900 – Oxigênio Dissolvido (mg/L)

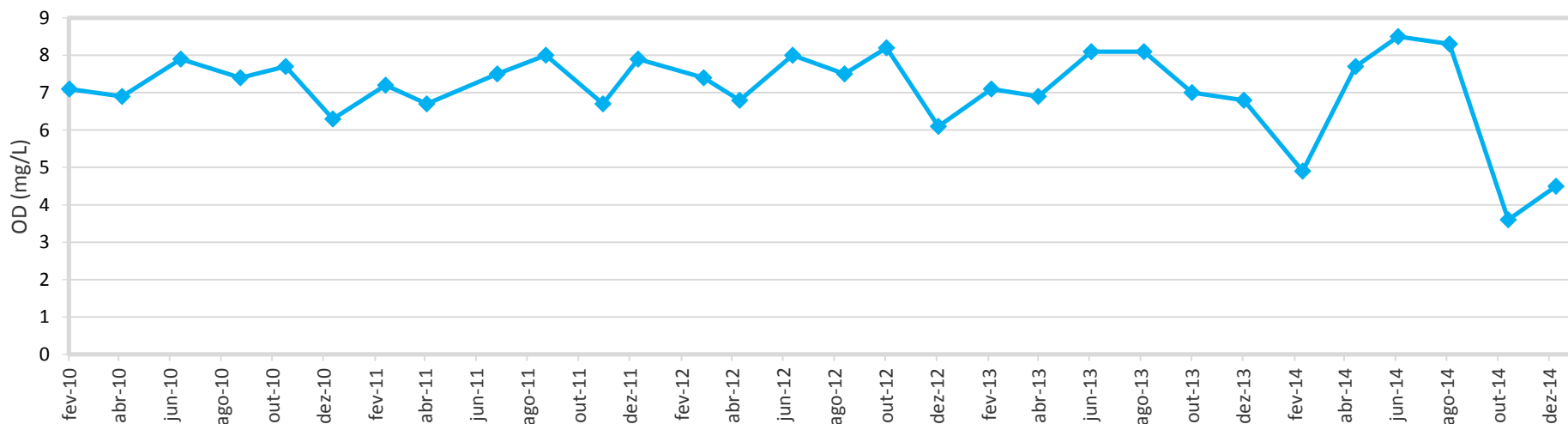
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

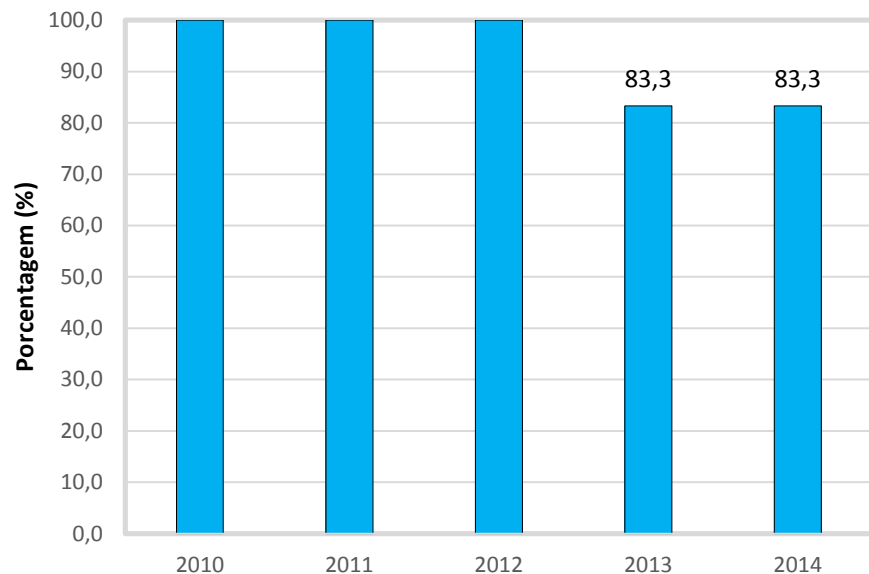


Evolução Temporal

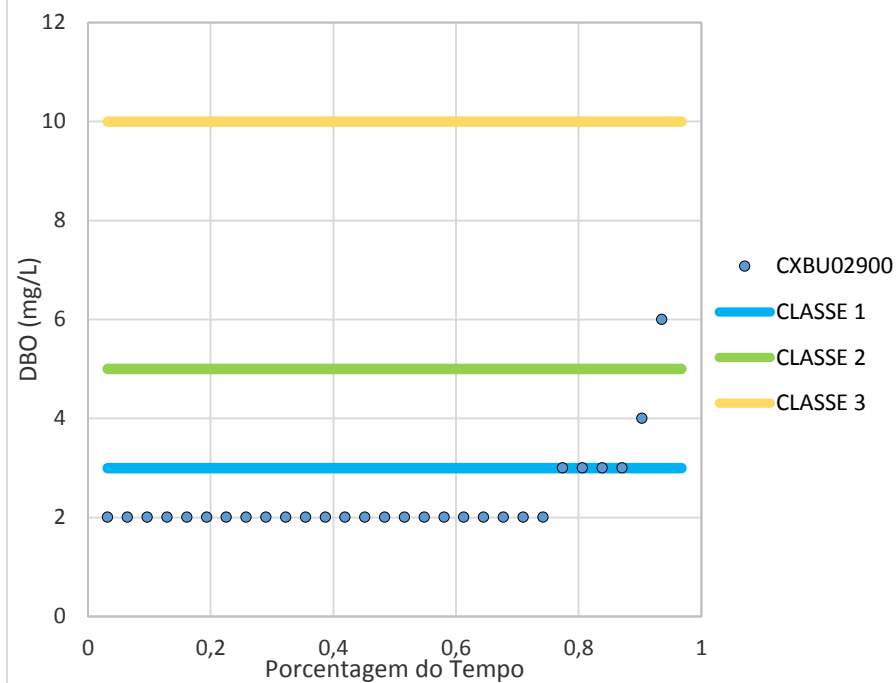


CXBU 02900 – DBO (mg/L)

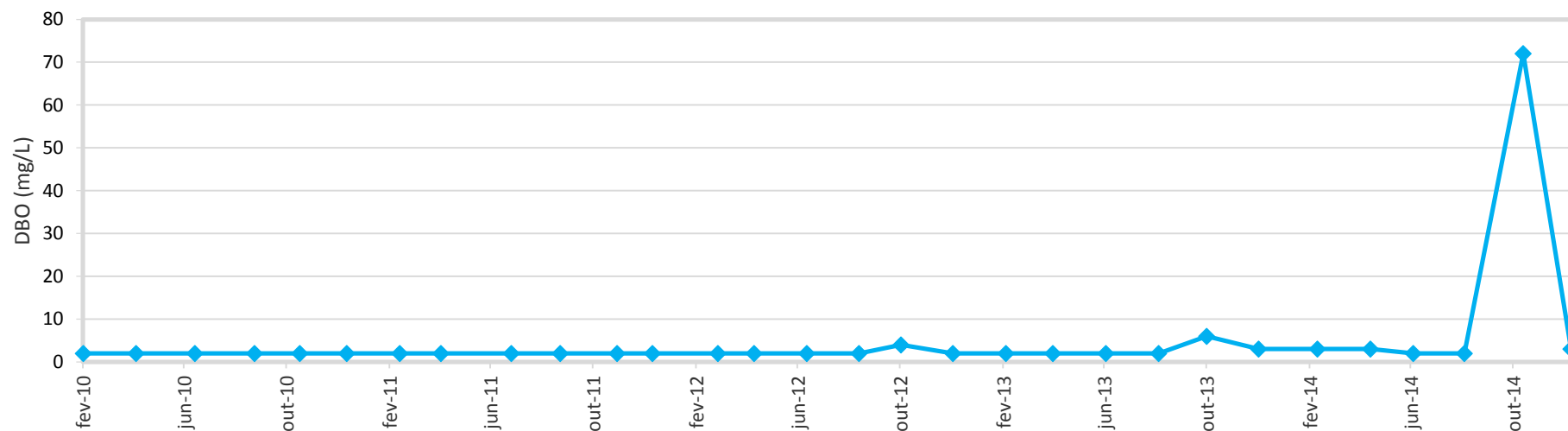
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

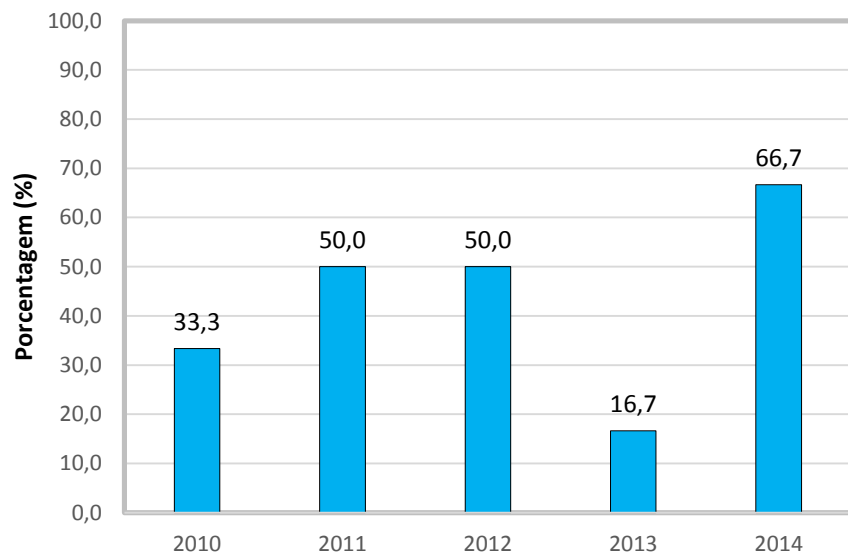


Evolução Temporal

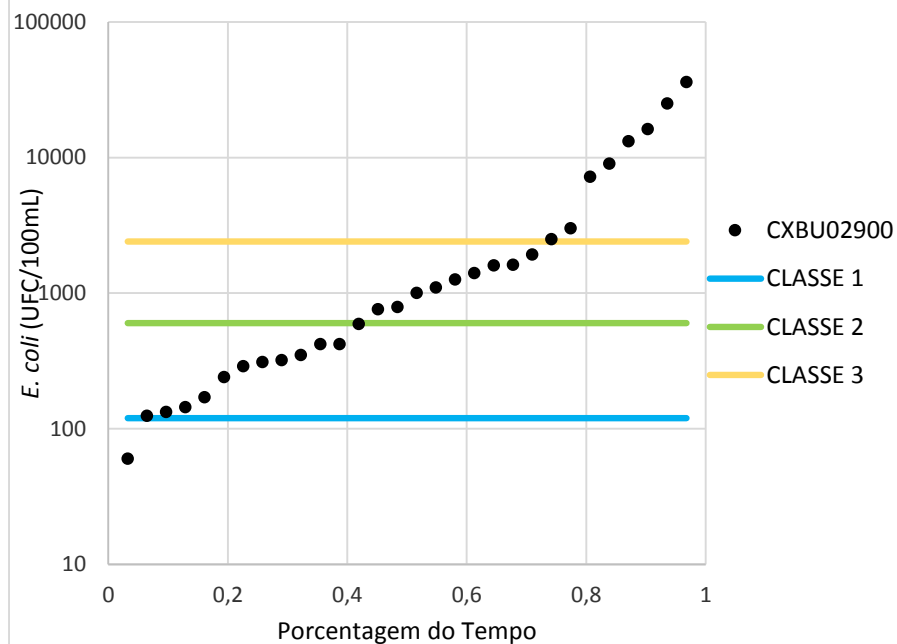


CXBU 02900 – *Escherichia coli* (UFC/100mL)

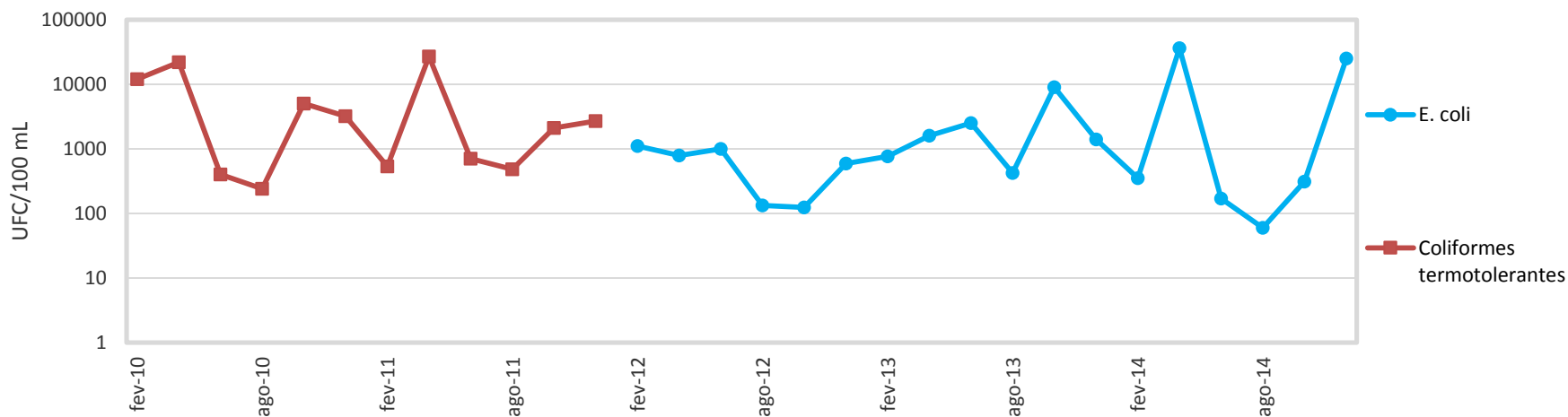
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

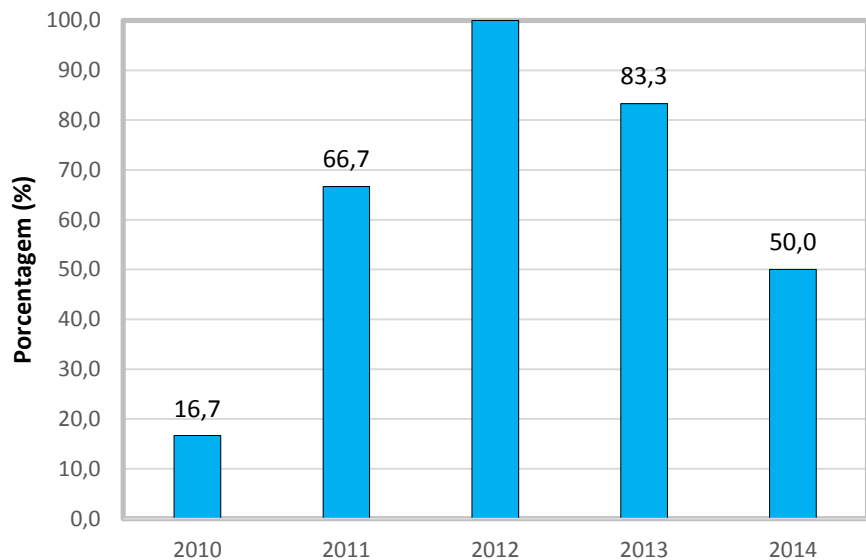


Evolução Temporal

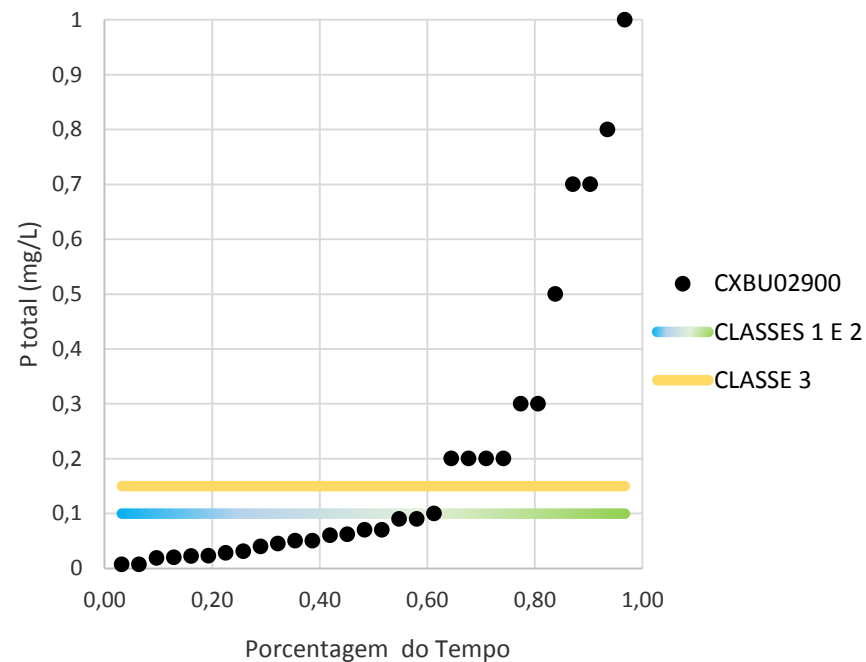


CXBU 02900 – Fósforo Total (mg/L)

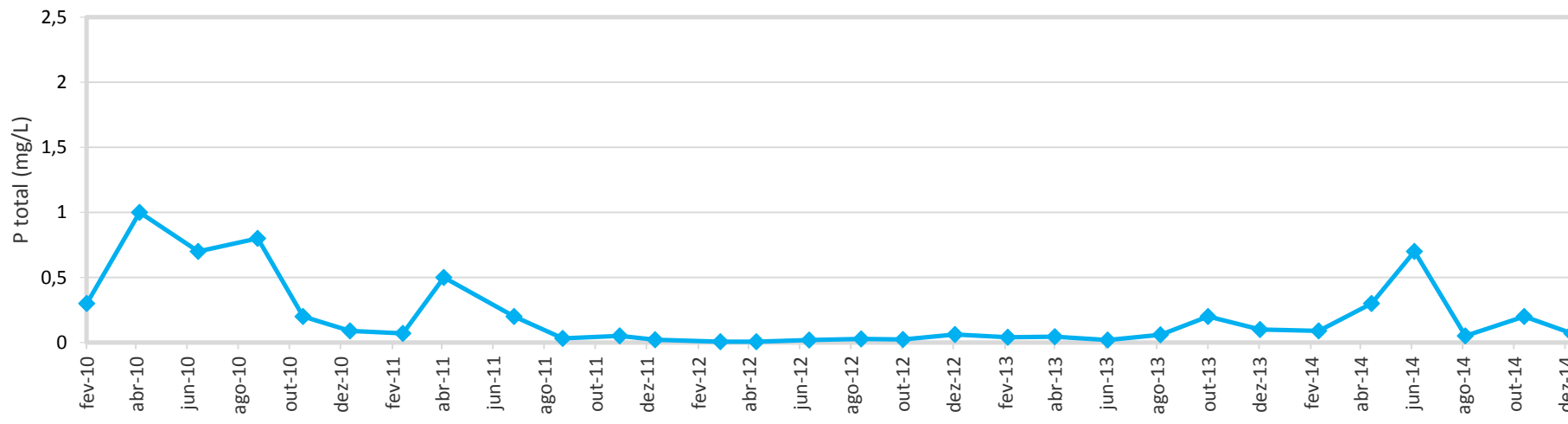
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

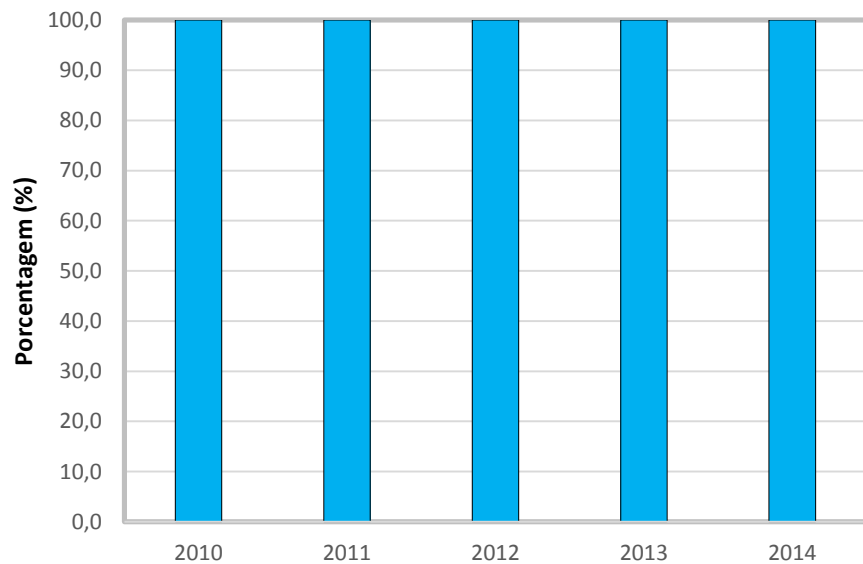


Evolução Temporal

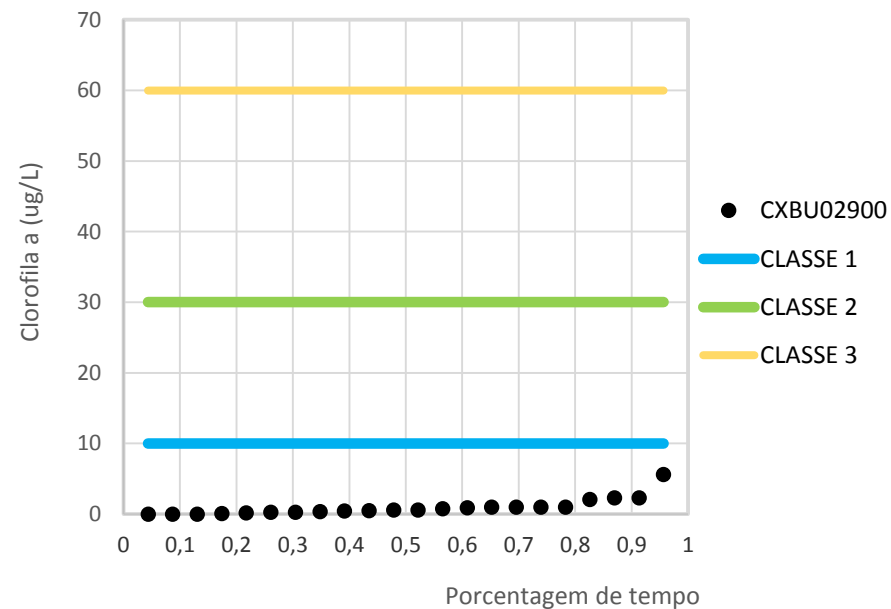


CXBU 02900 – Clorofila-*a* (µg/L)

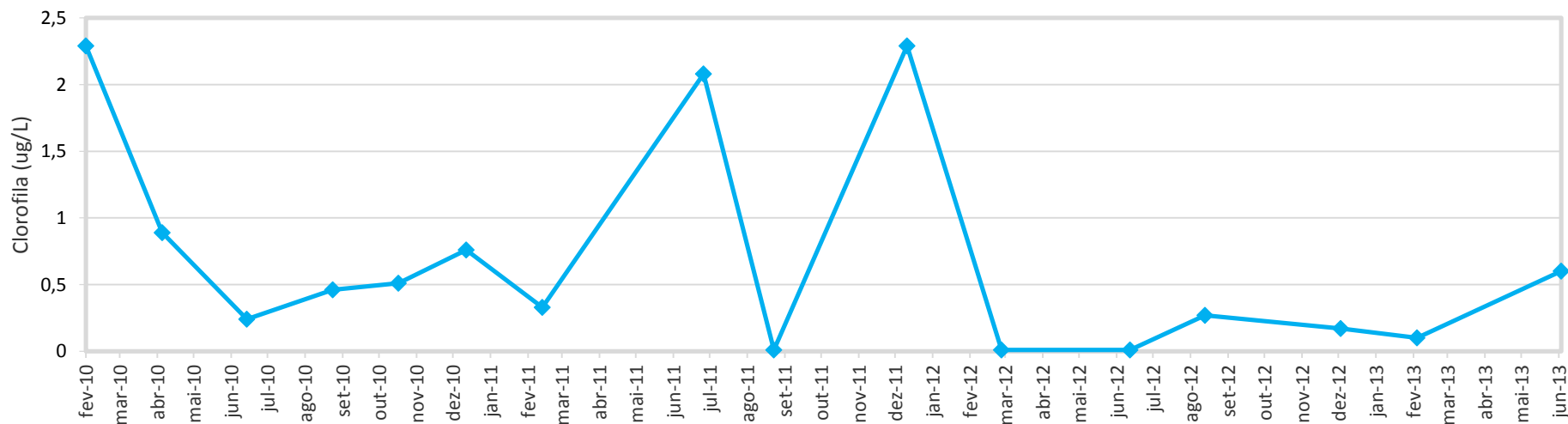
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

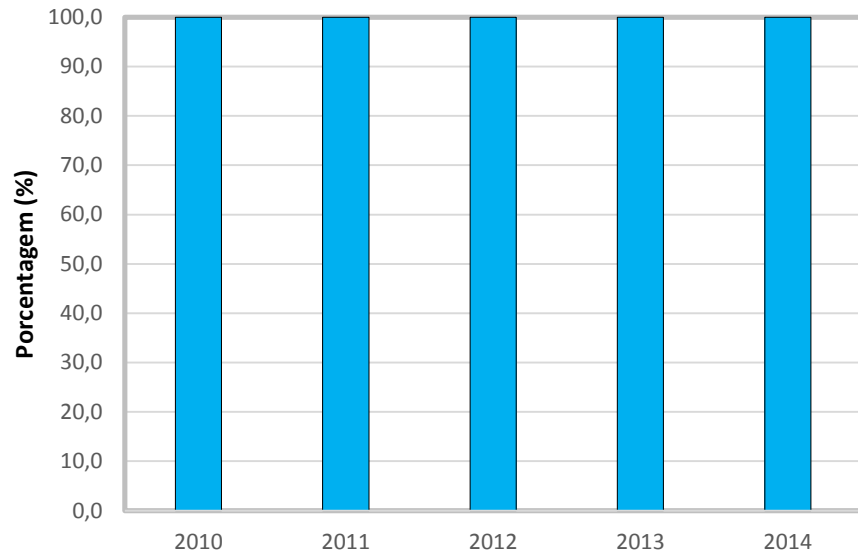


Evolução Temporal

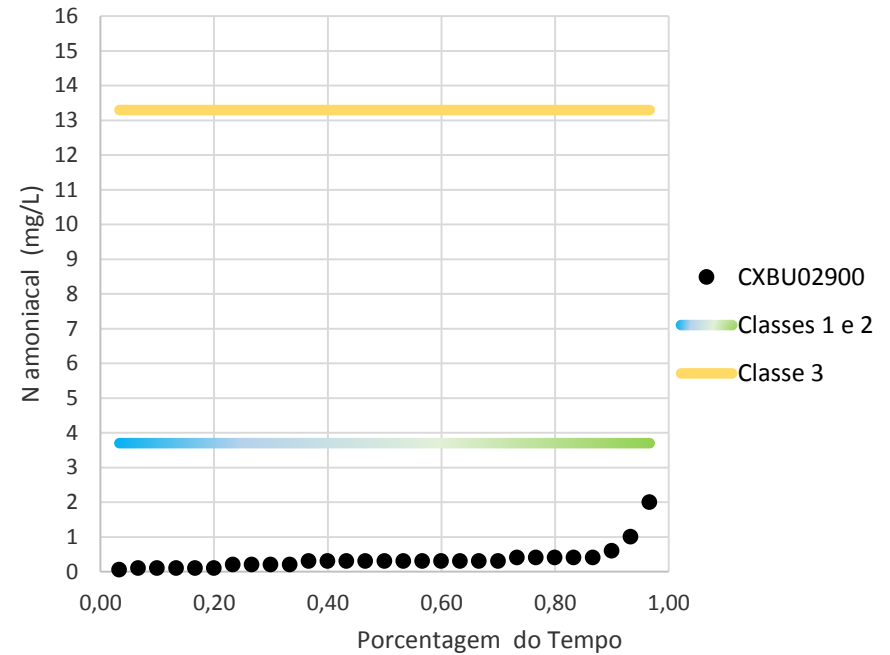


CXBU 02900 – Nitrogênio Amoniacal (mg/L)

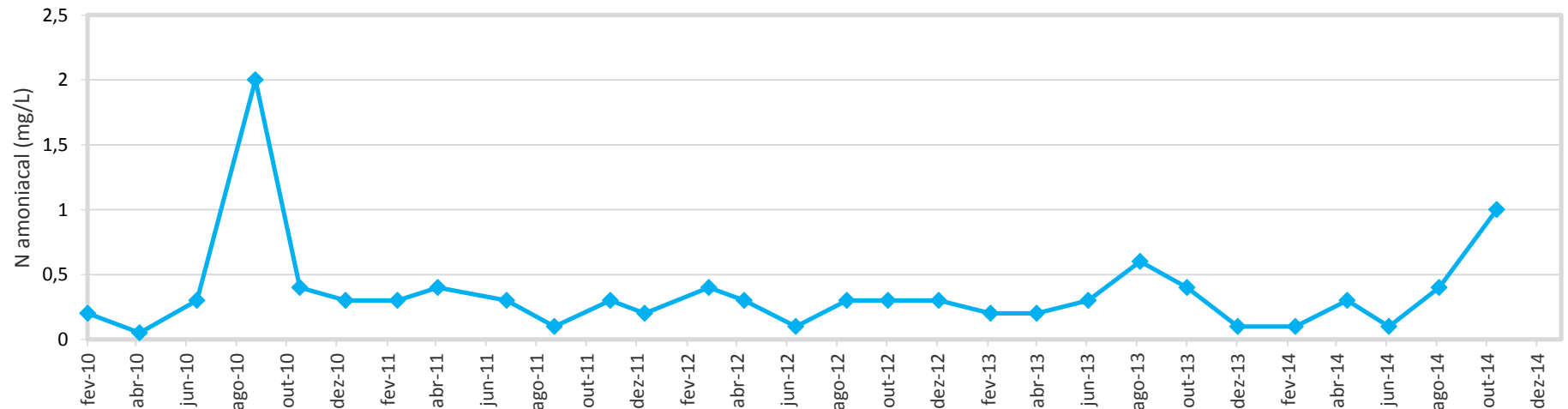
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

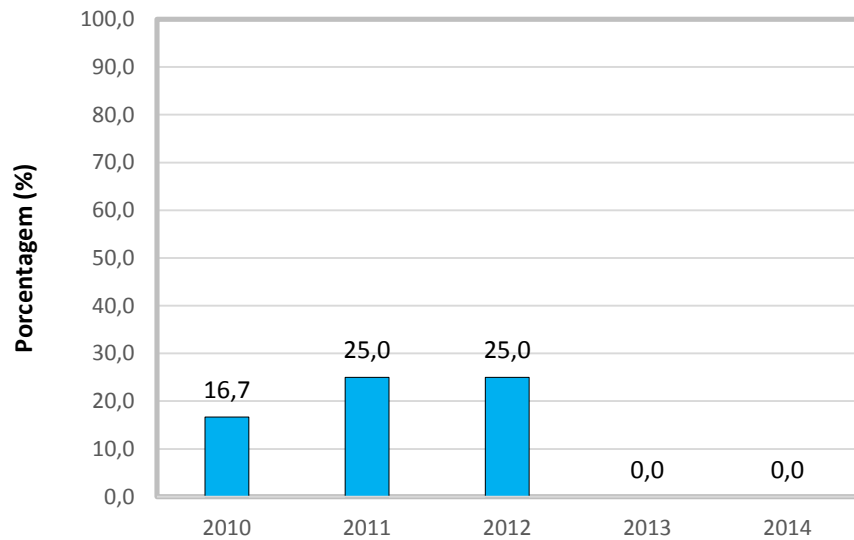


Evolução Temporal

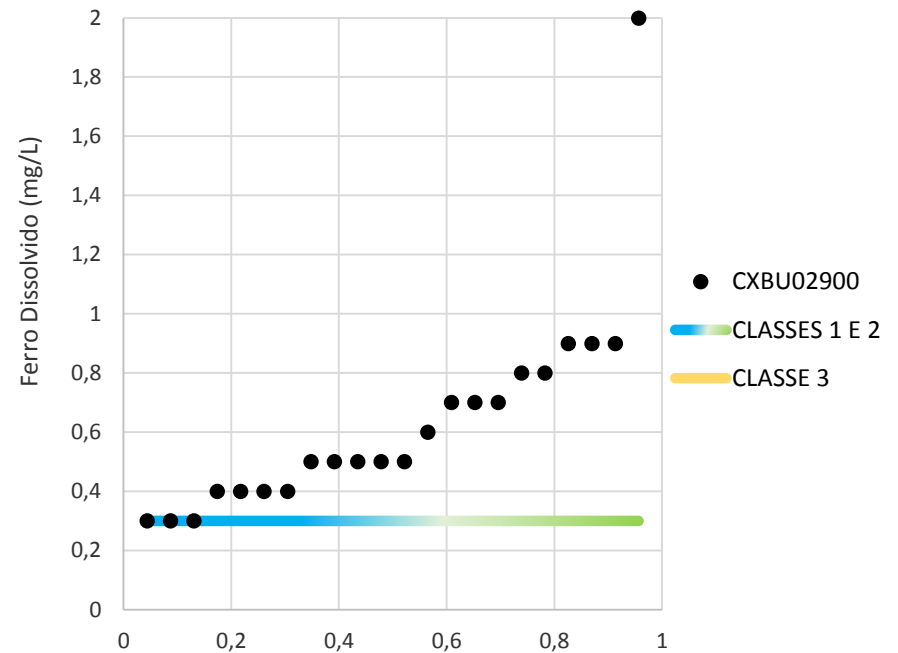


CXBU 02900 – Ferro Dissolvido (mg/L)

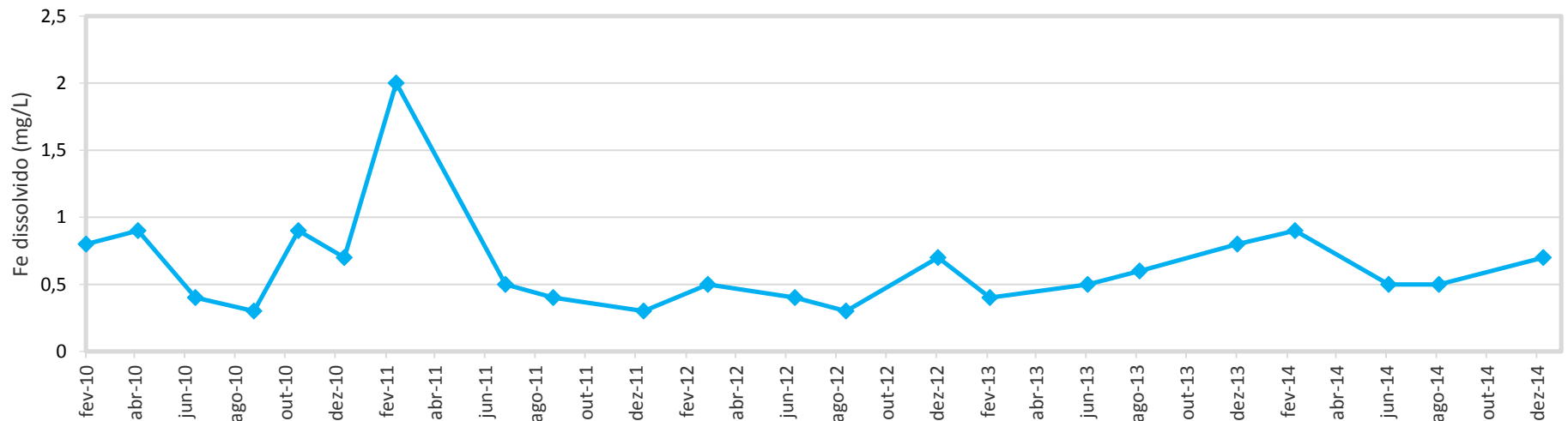
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

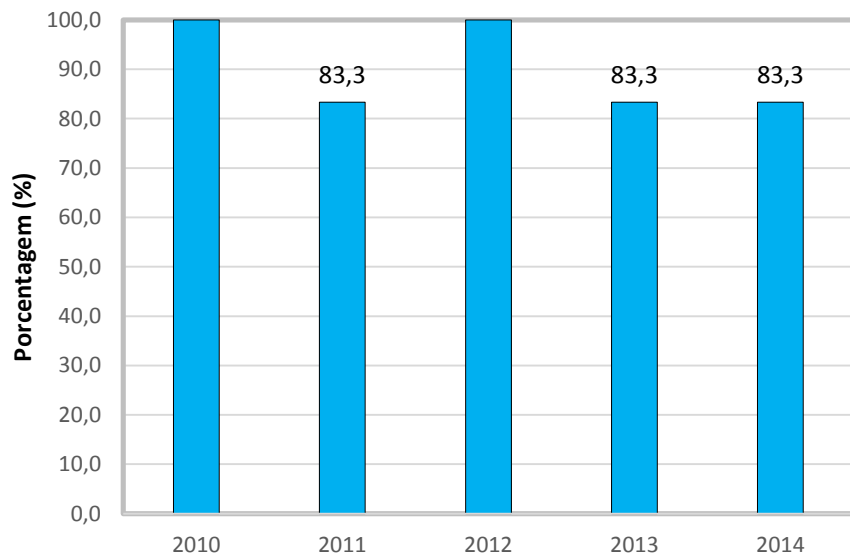


Evolução Temporal

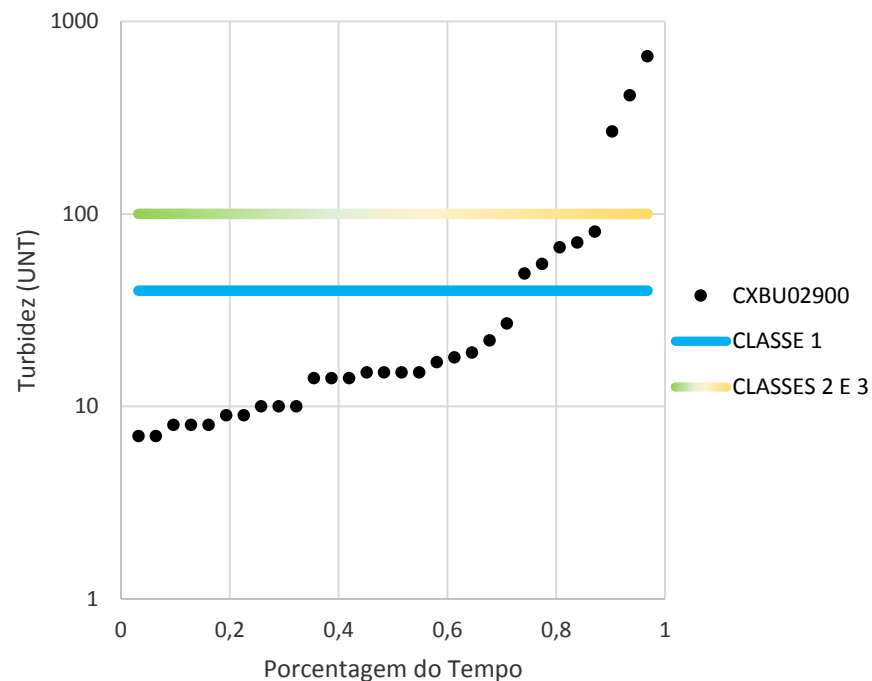


CXBU 02900 – Turbidez (UNT)

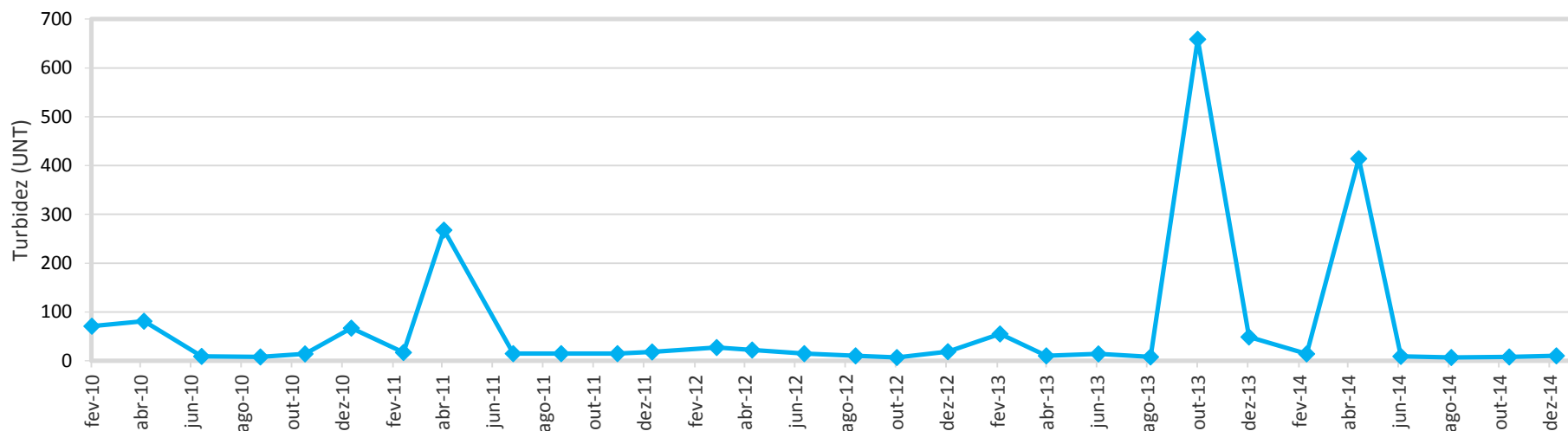
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez Geral

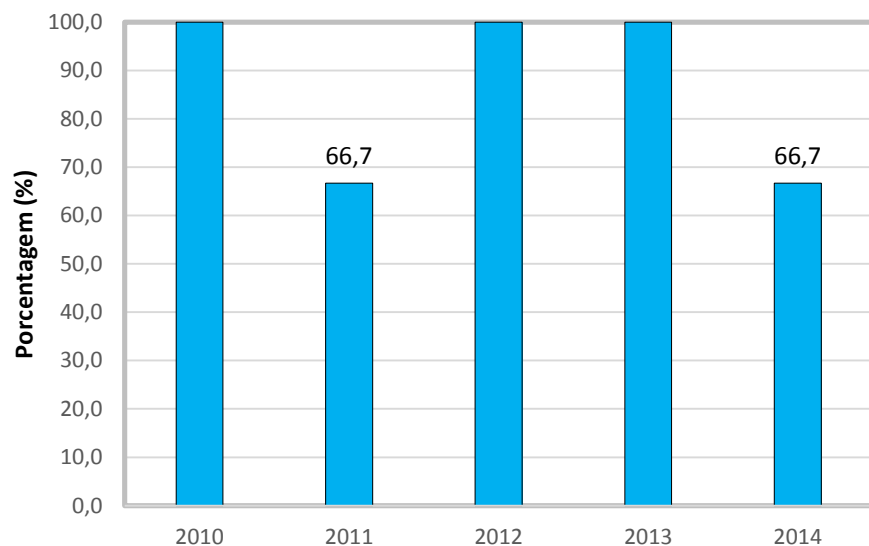


Evolução Temporal

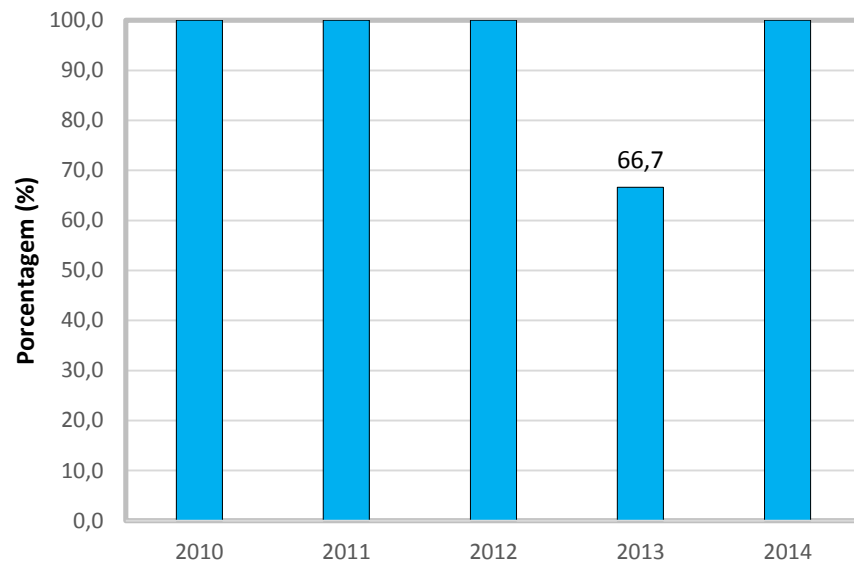


CXBU 02900 – Turbidez (Período Seco x Período Chuvoso)

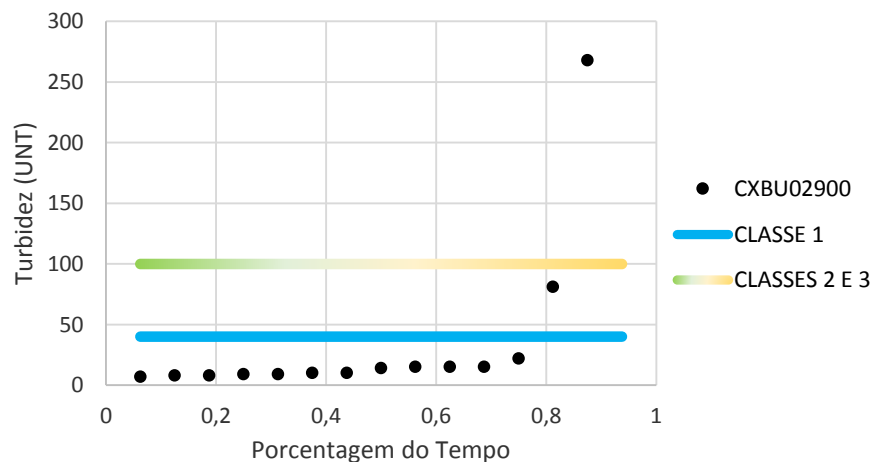
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (seco)



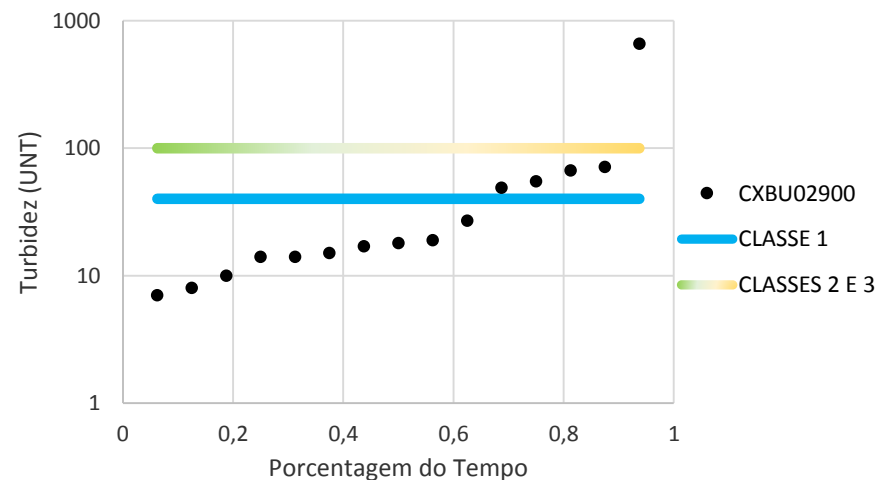
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (chuvoso)



Curva de Permanência- Turbidez Período Seco

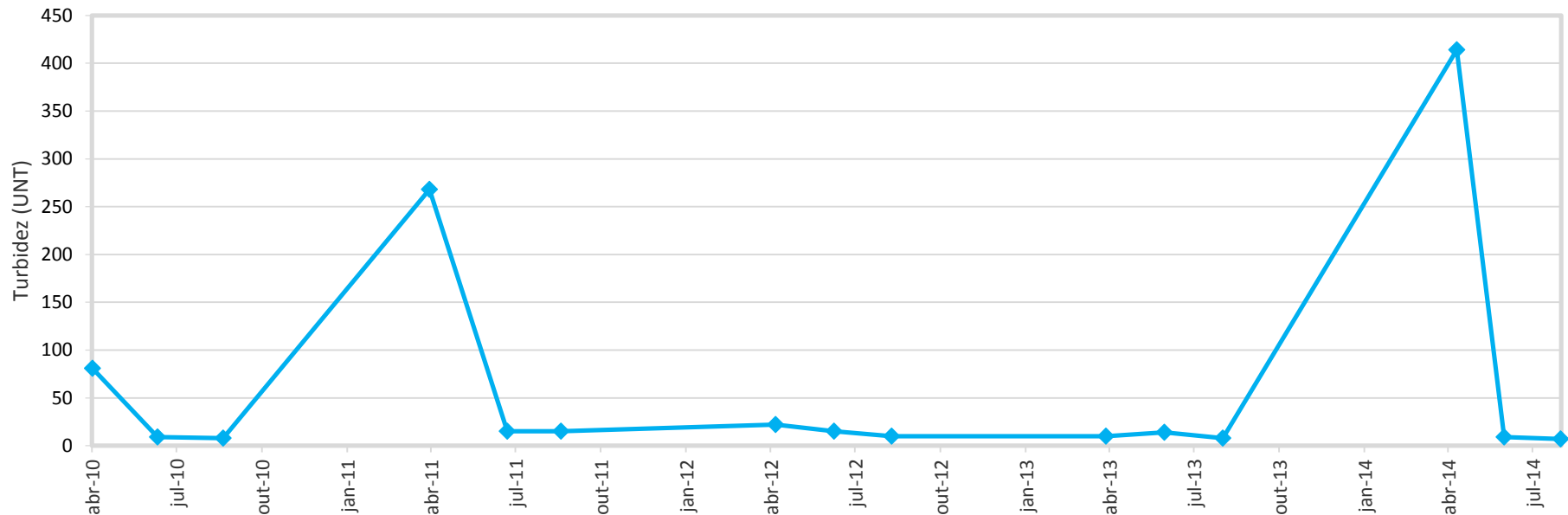


Curva de Permanência- Turbidez Período Chuvoso

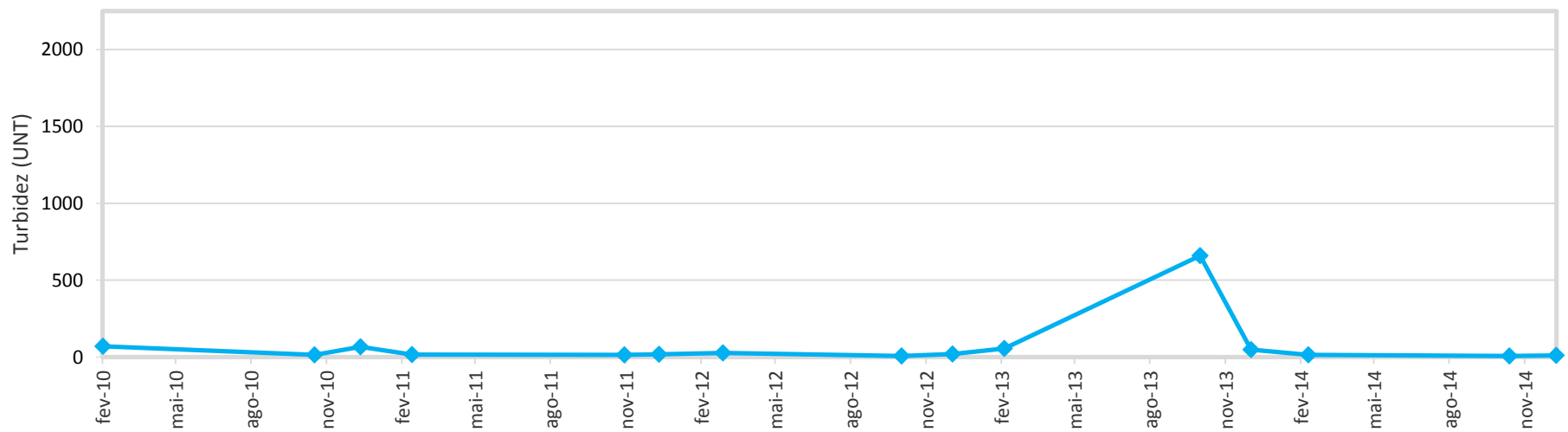


CXBU 02900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



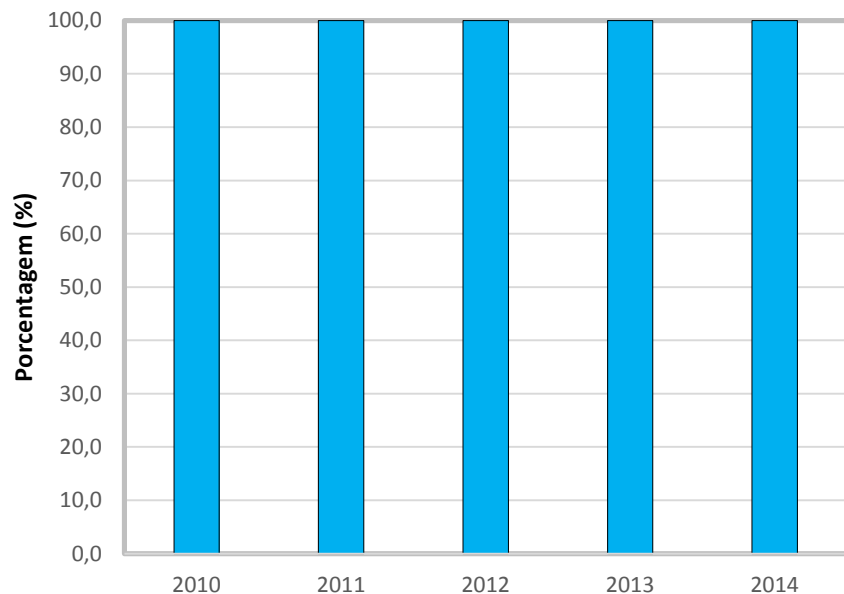
Evolução Temporal - Período Chuvoso



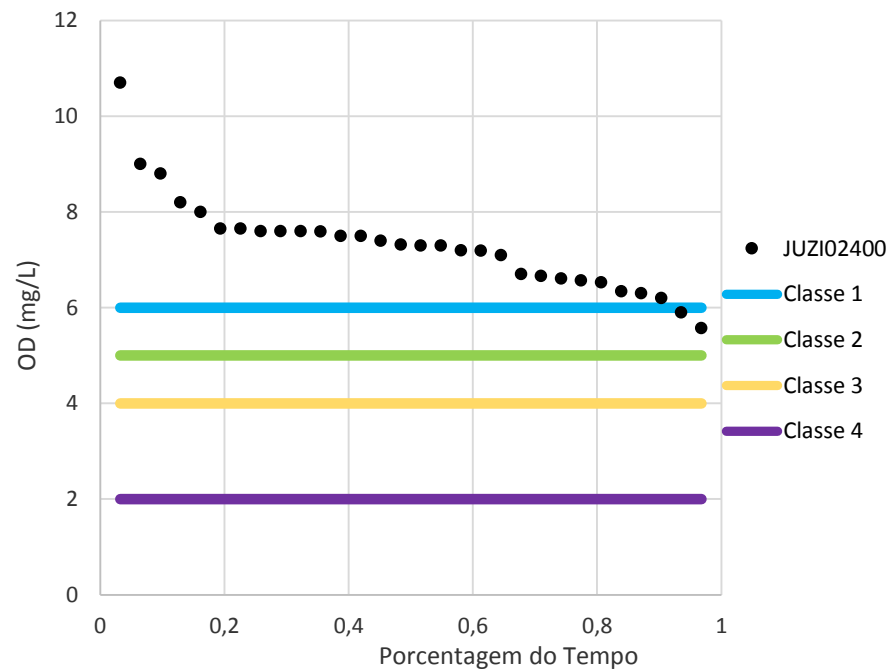
Rio Jundiaizinho
JUZI 02400

JUZI 02400 – Oxigênio Dissolvido (mg/L)

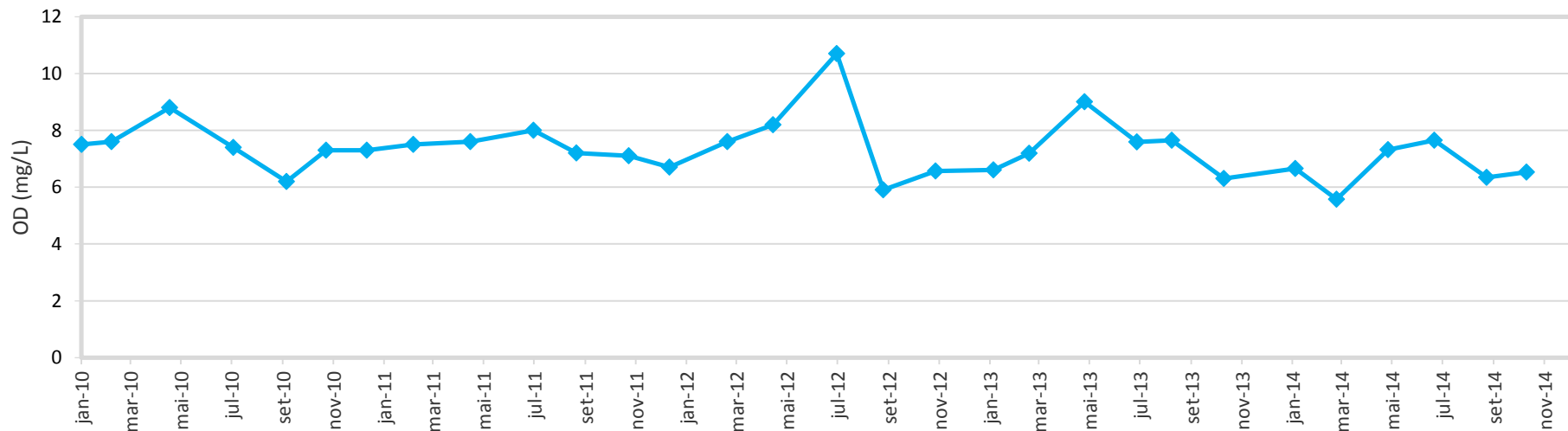
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

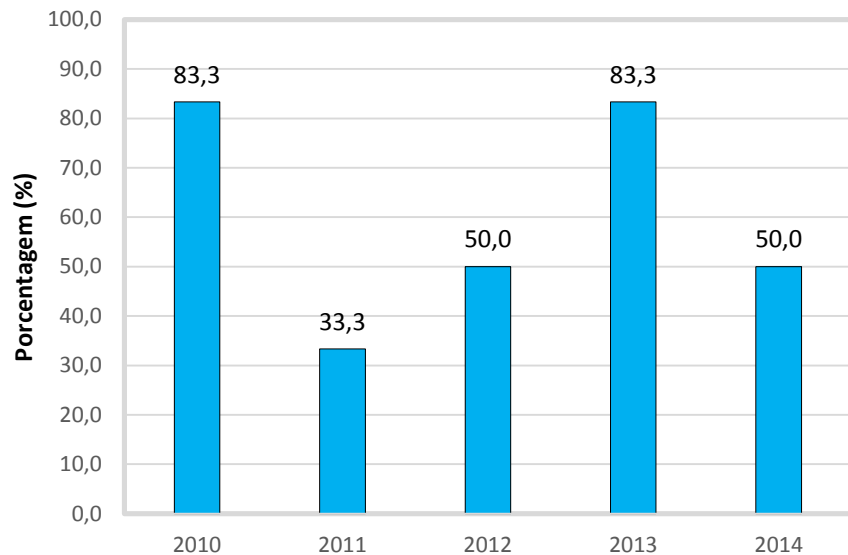


Evolução Temporal

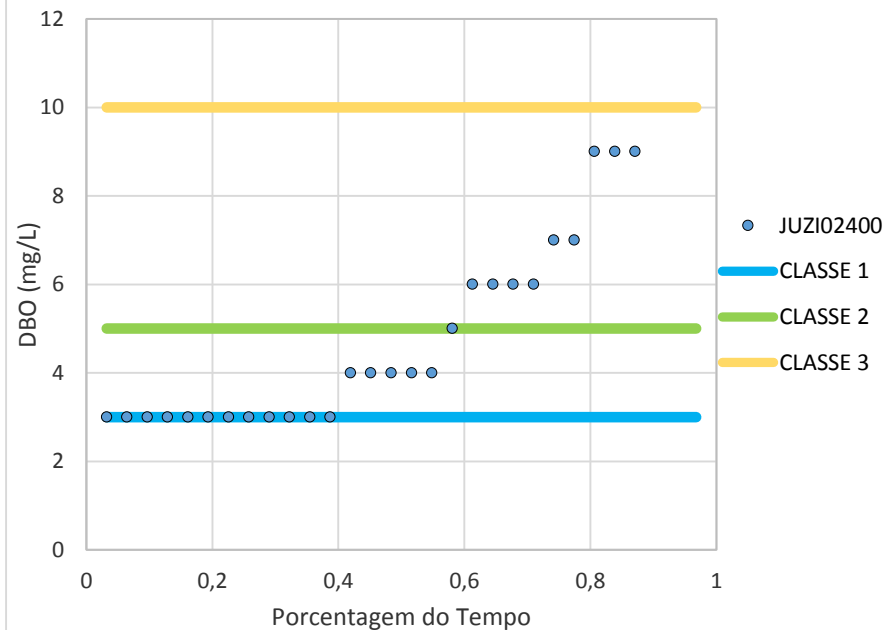


JUZI 02400 – DBO (mg/L)

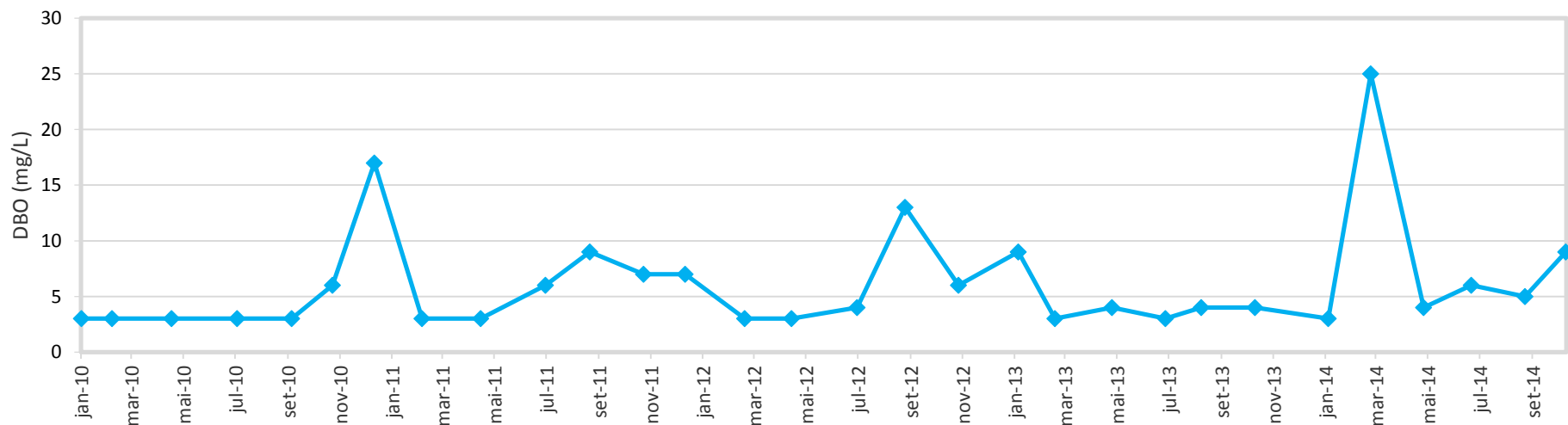
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

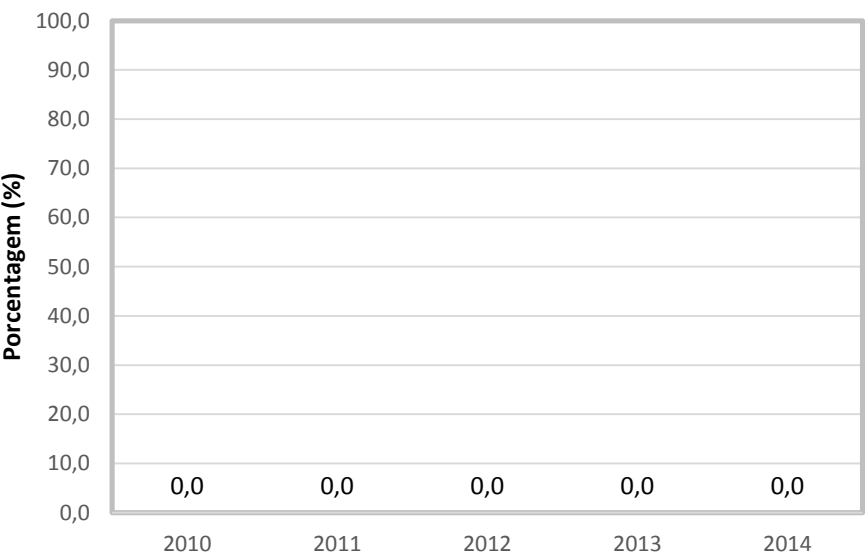


Evolução Temporal

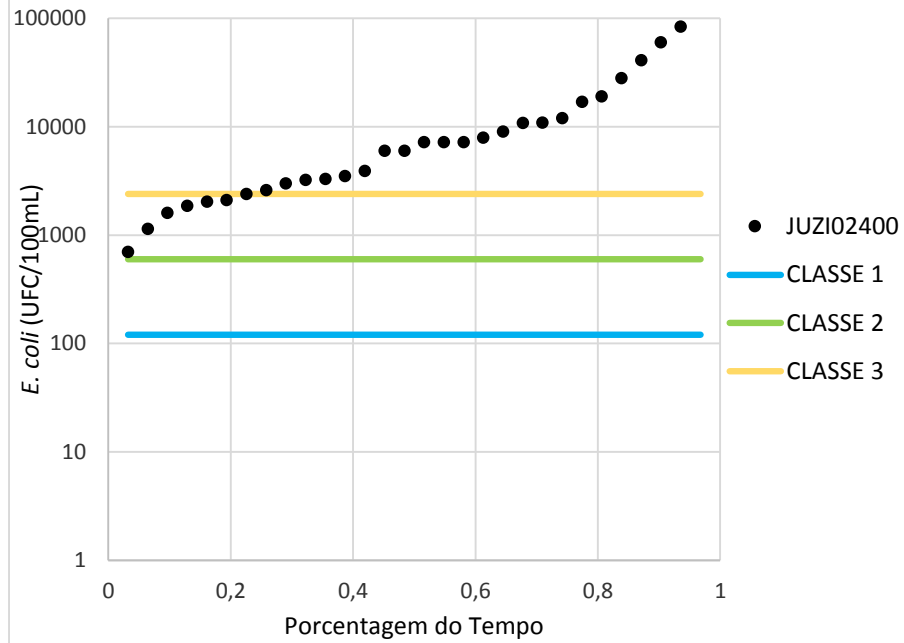


JUZI 02400 – *Escherichia coli* (UFC/100mL)

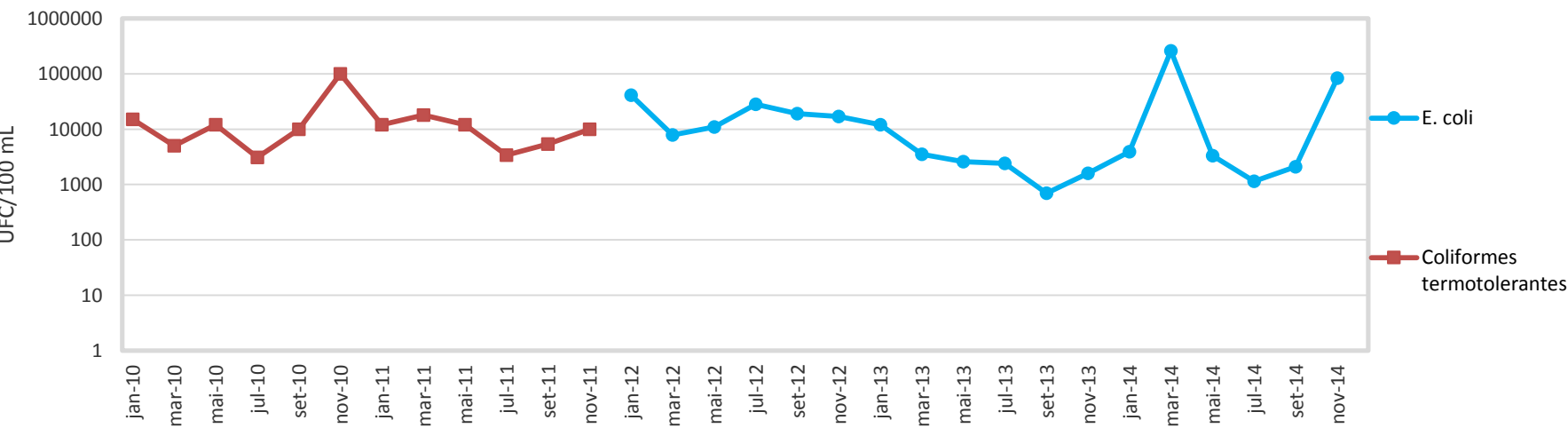
Porcentagem de Atendimento ao Padrão Classe 2 - Colif. Term. e *E. coli*



Curva de Permanência

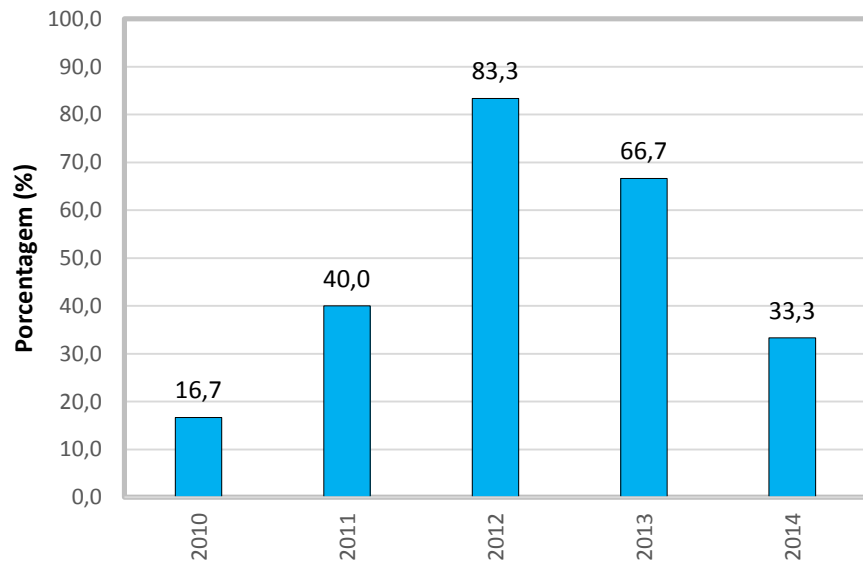


Evolução Temporal

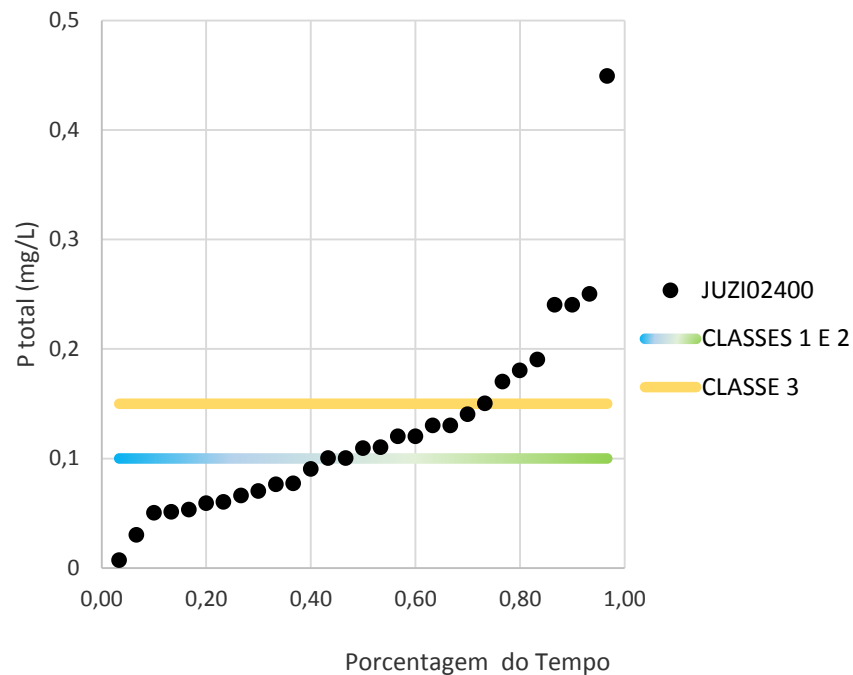


JUZI 02400 – Fósforo Total (mg/L)

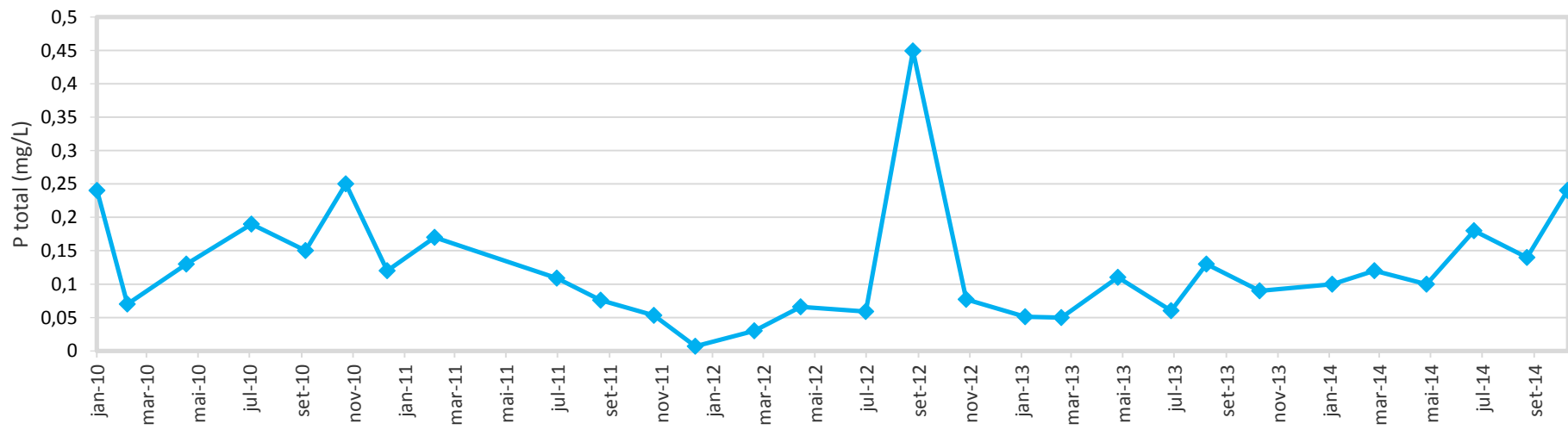
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

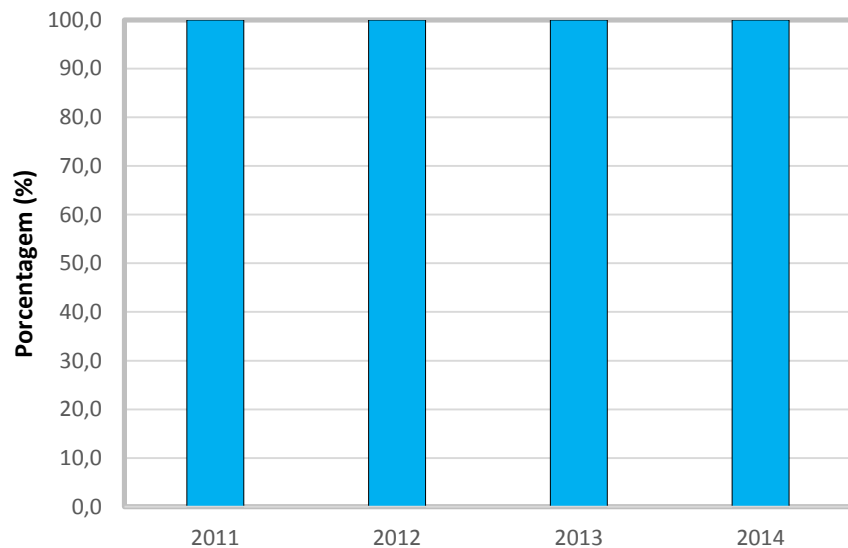


Evolução Temporal

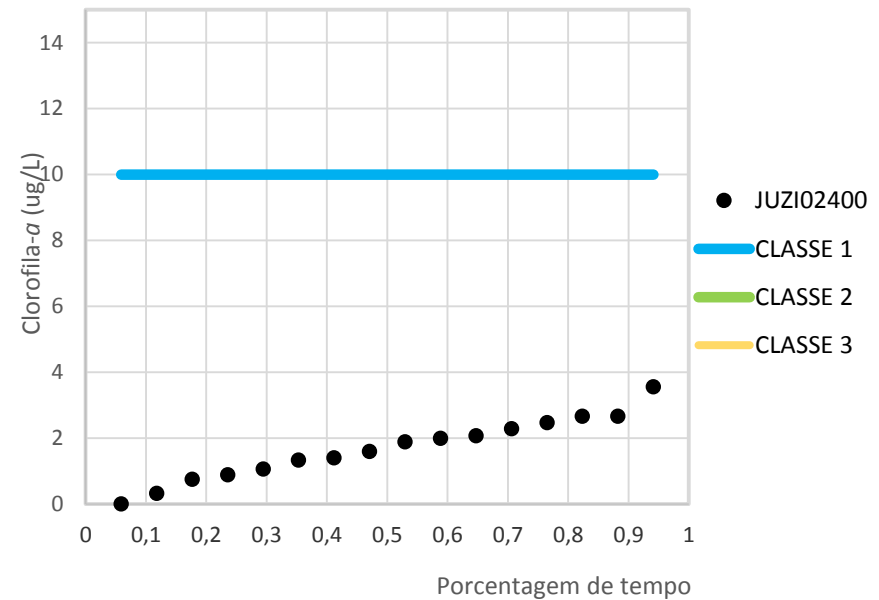


JUZI 02400 – Clorofila-*a* (µg/L)

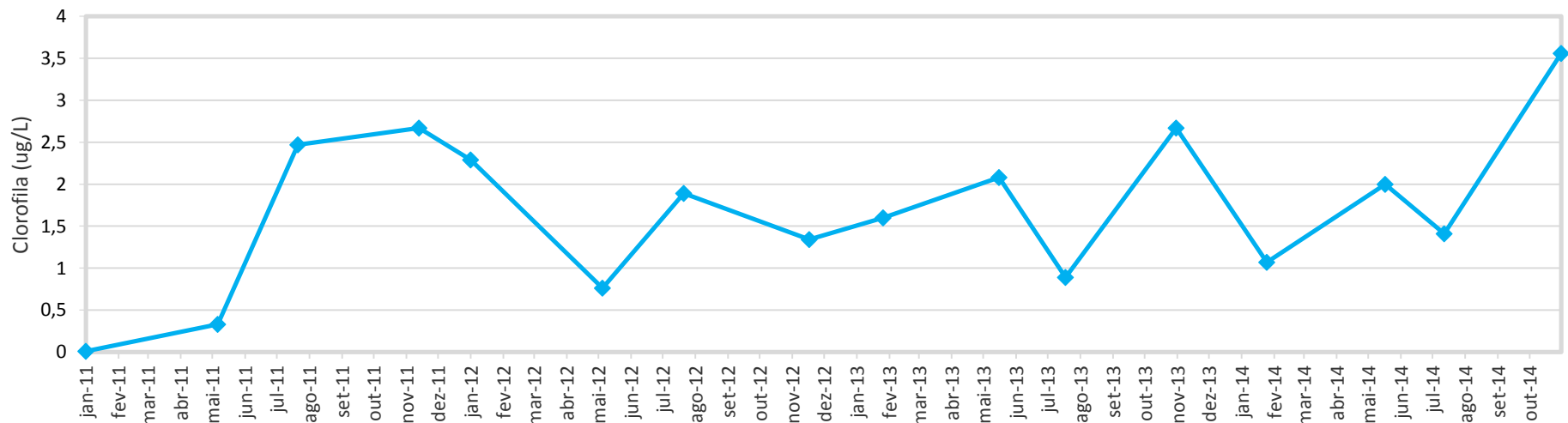
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

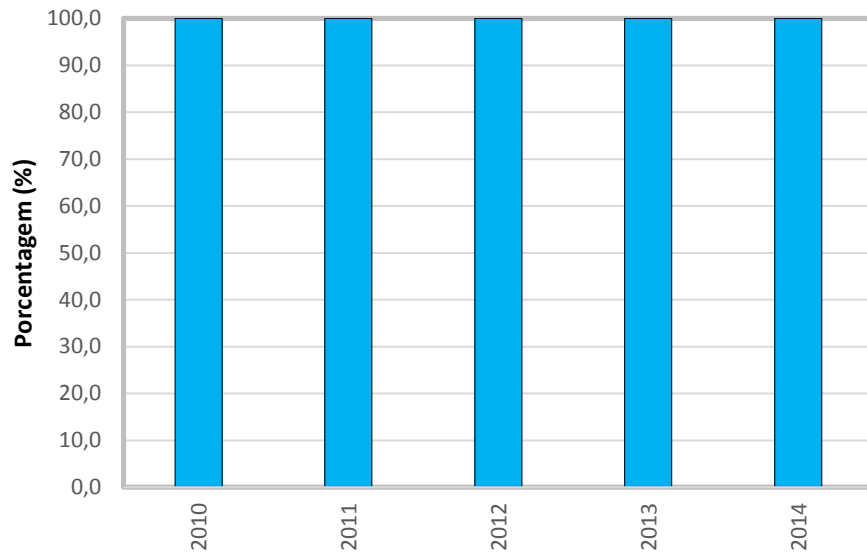


Evolução Temporal

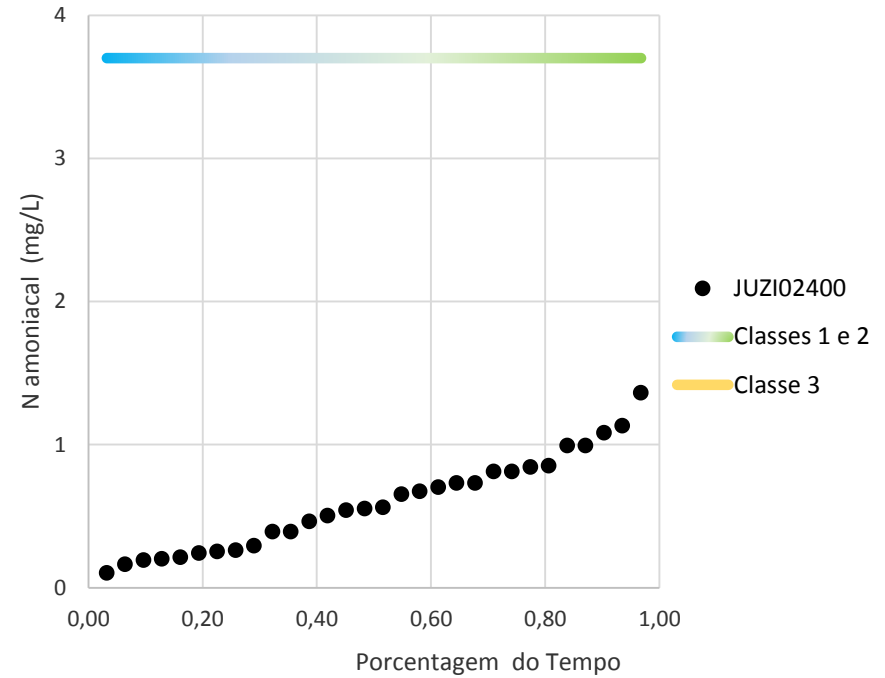


JUZI 02400 – Nitrogênio Amoniacal (mg/L)

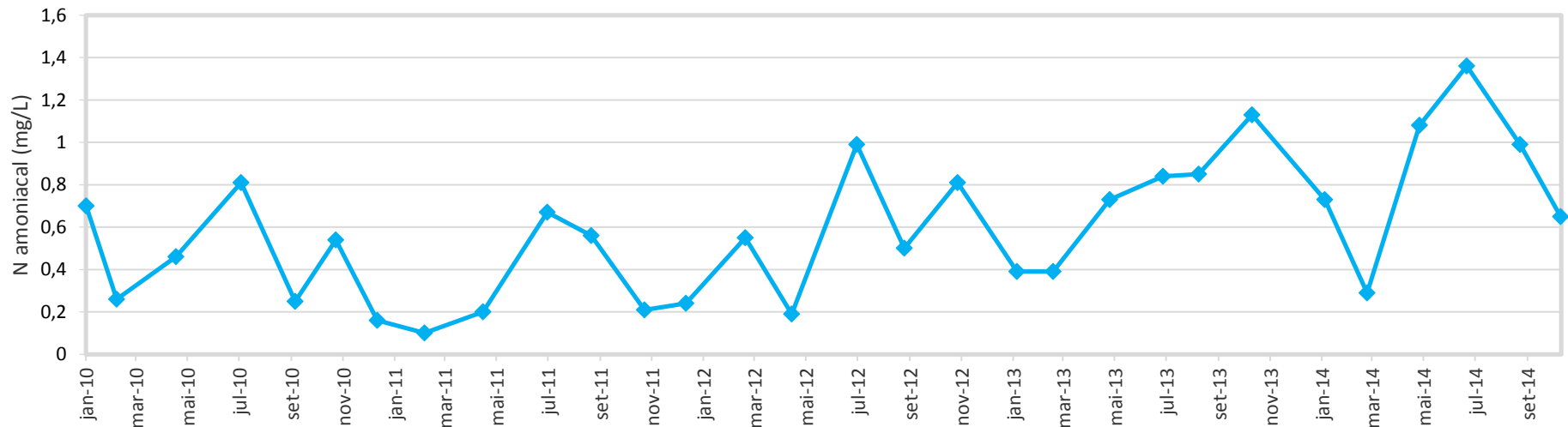
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

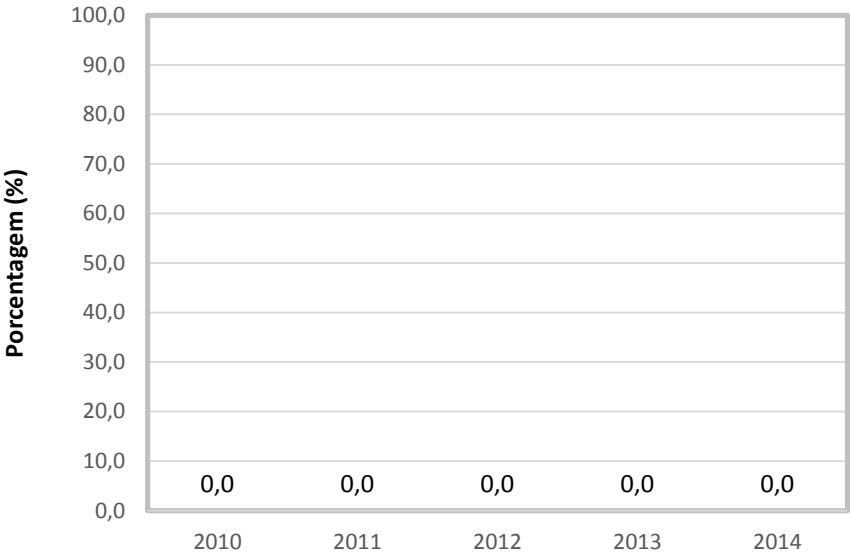


Evolução Temporal

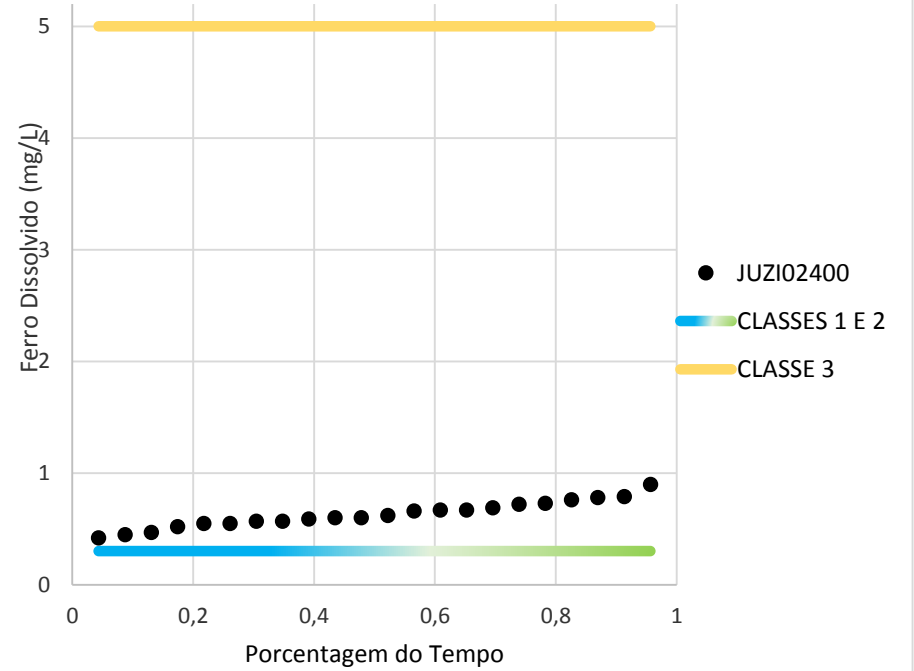


JUZI 02400 – Ferro Dissolvido (mg/L)

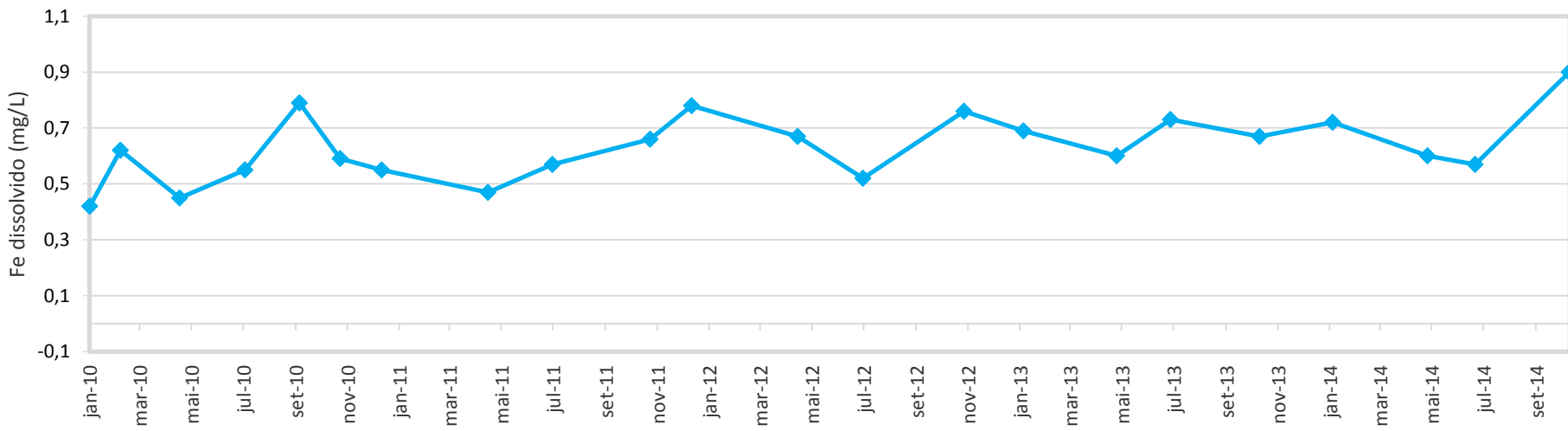
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

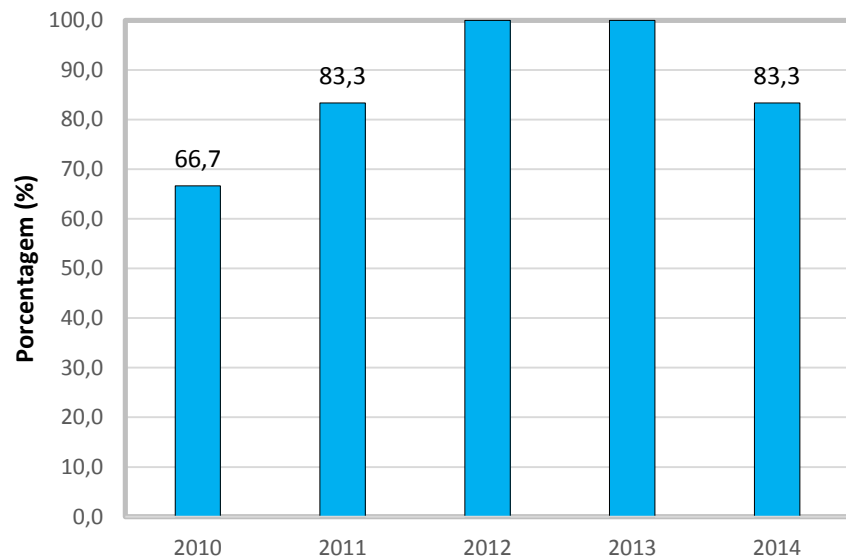


Evolução Temporal

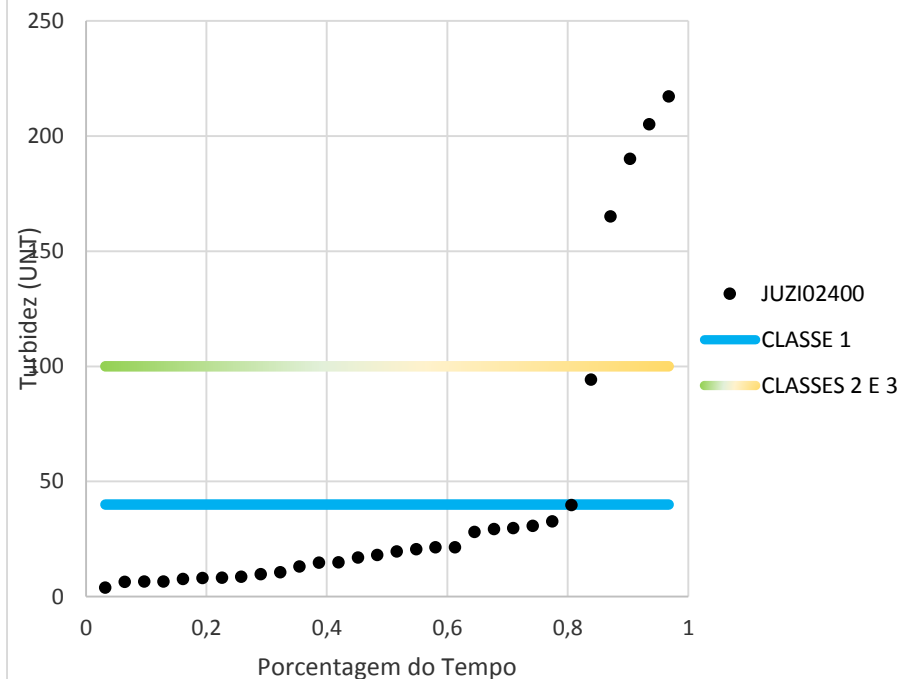


JUZI 02400 - Turbidez (UNT)

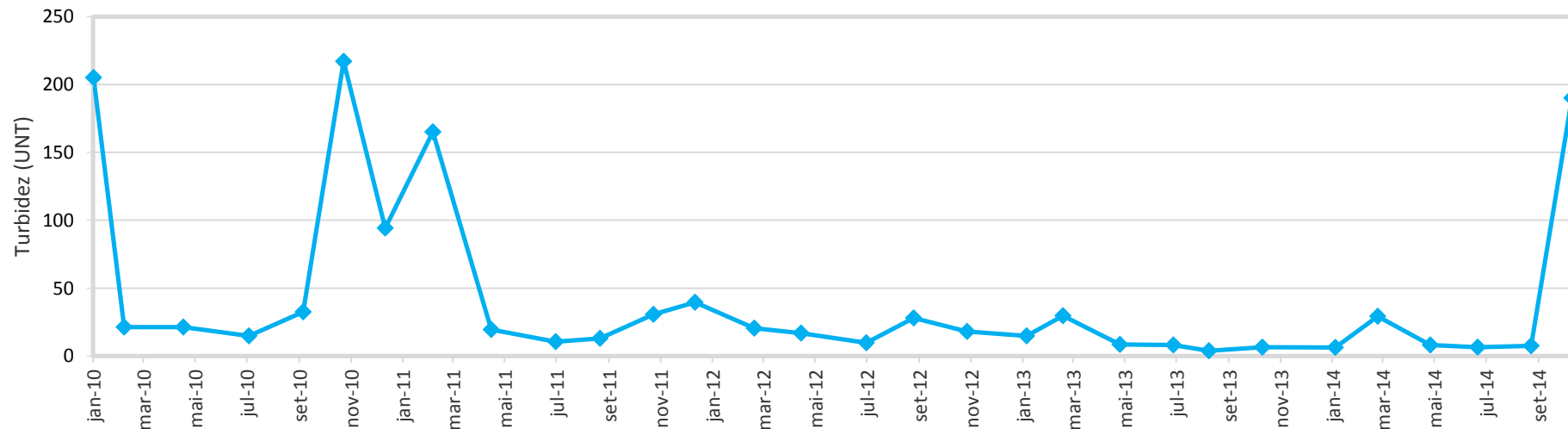
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

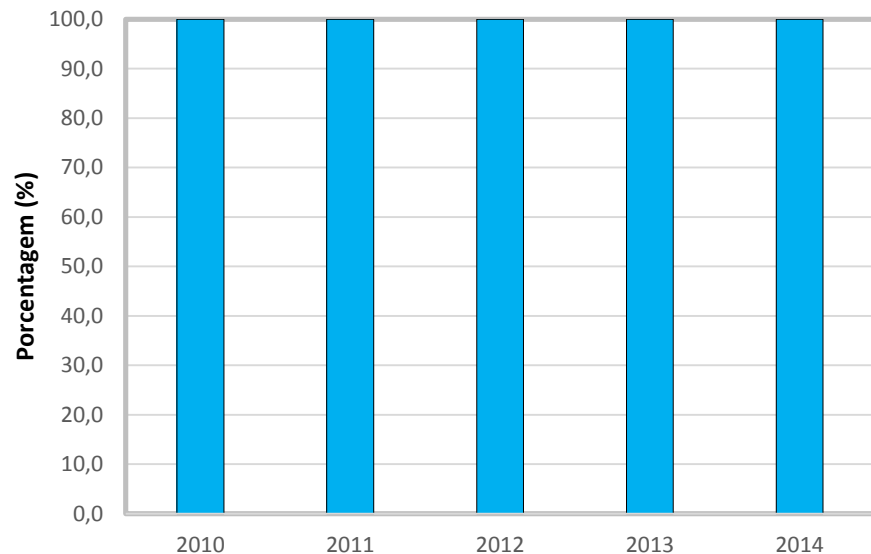


Evolução Temporal

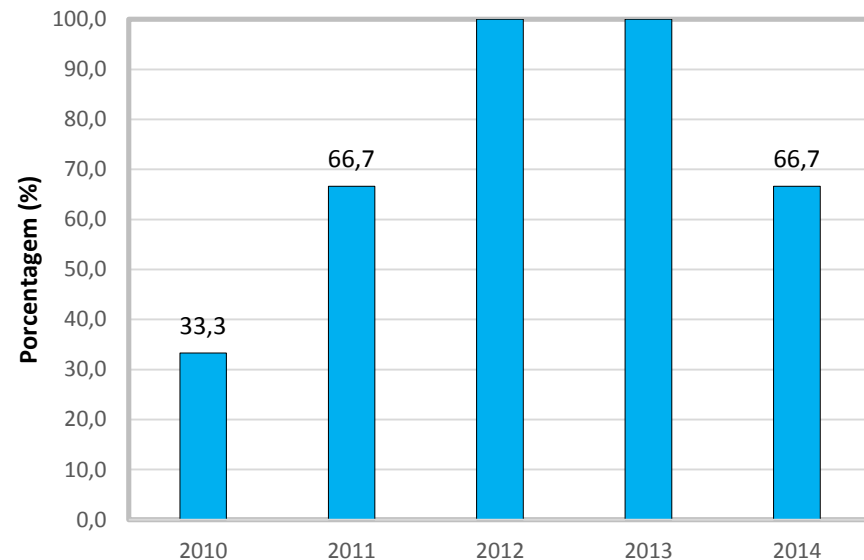


JUZI 02400 – Turbidez (Período Seco x Período Chuvoso)

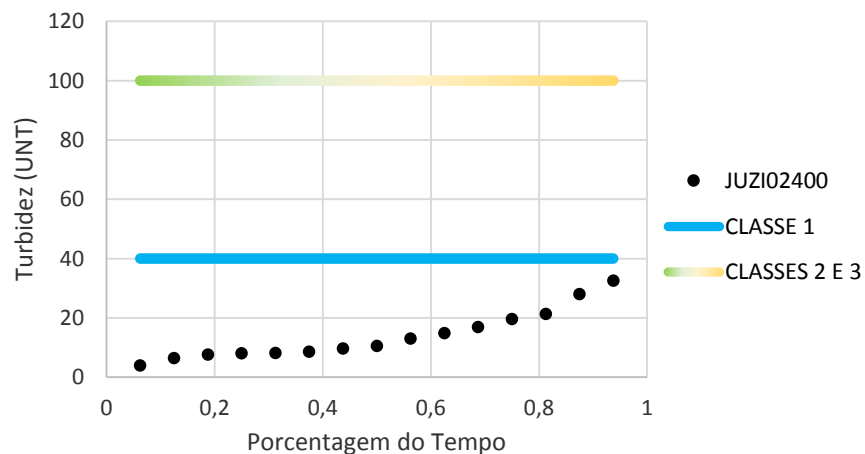
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (seco)



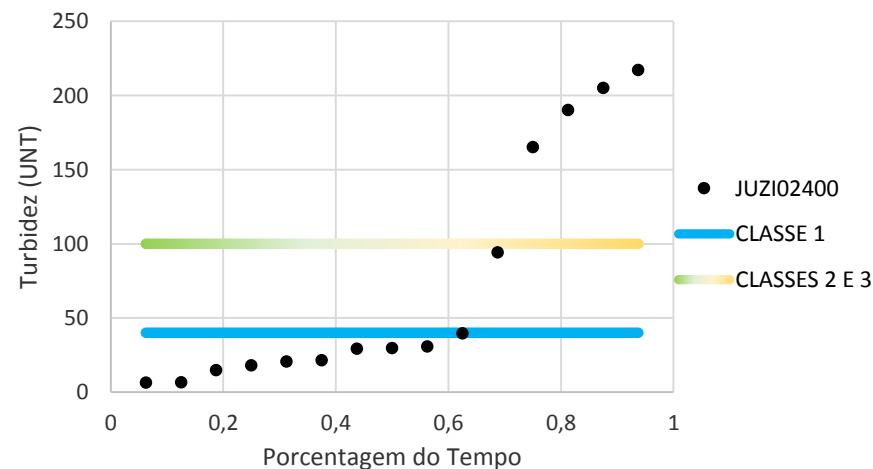
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (chuvoso)



Curva de Permanência- Turbidez (Período Seco)

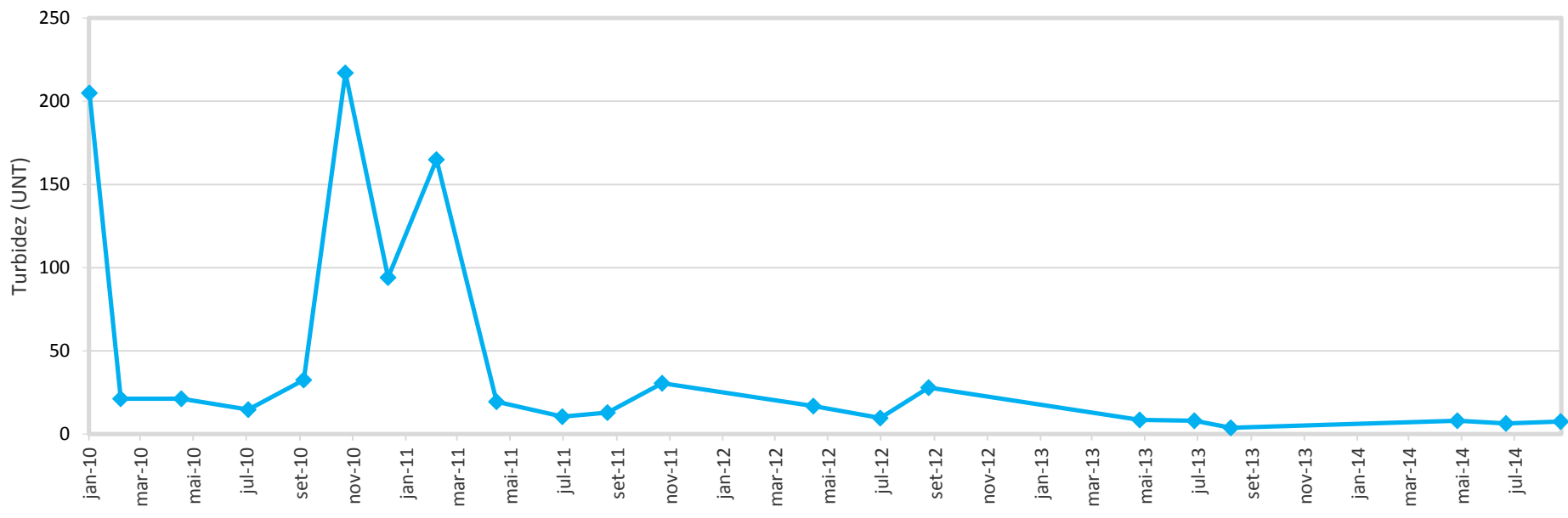


Curva de Permanência- Turbidez (Período Chuvoso)

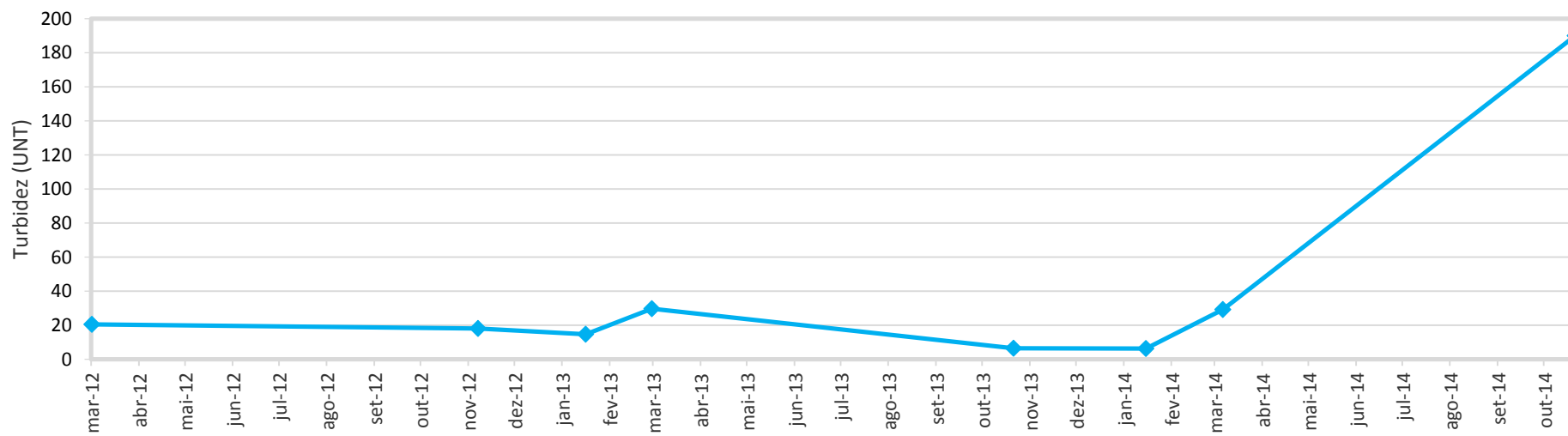


JUZI 02400 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



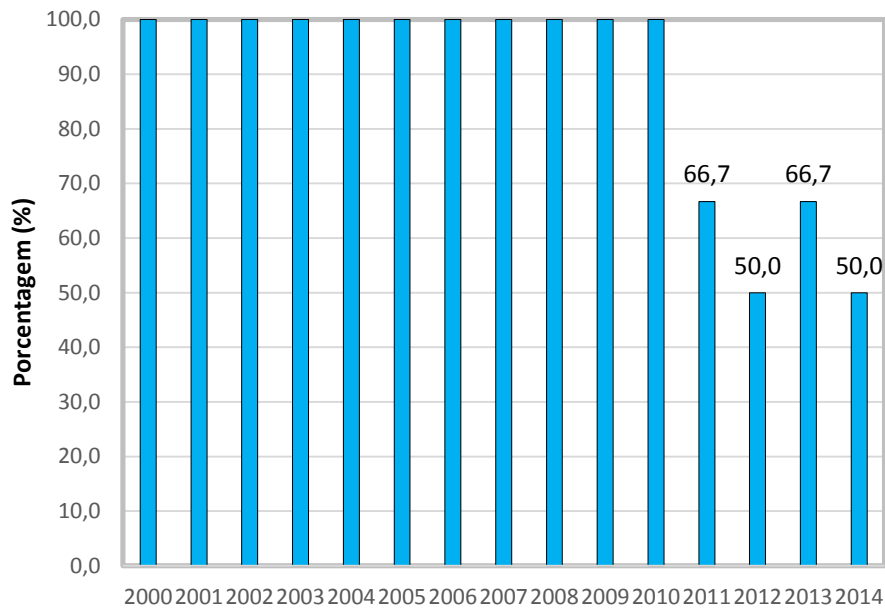
Evolução Temporal - Período Chuvoso



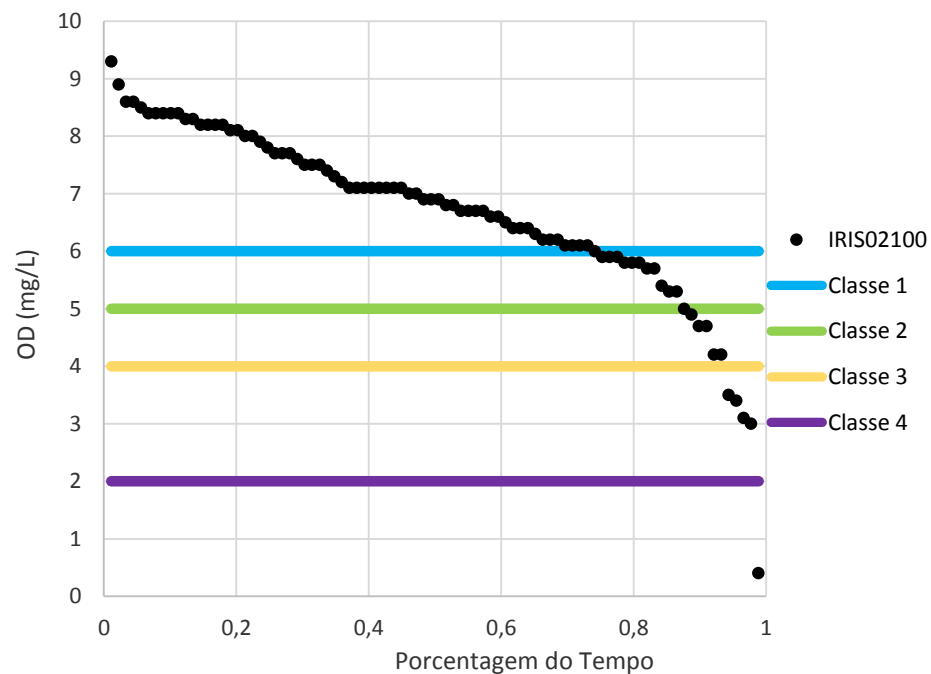
Rio Pirai
IRIS 02100

IRIS 02100 – Oxigênio Dissolvido (mg/L)

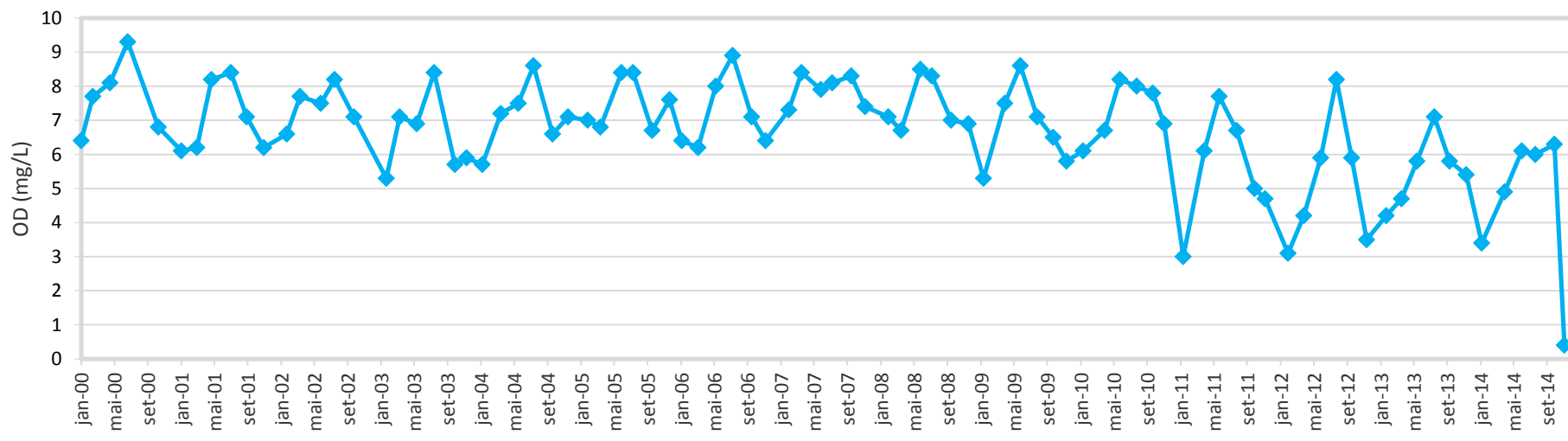
Porcentagem de Atendimento ao Padrão Classe 2 - OD



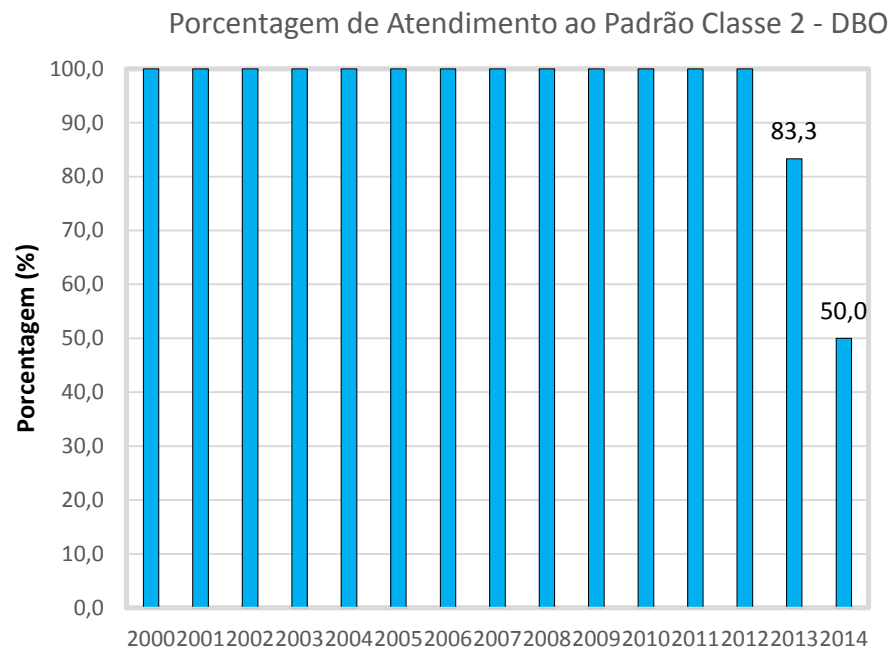
Curva de Permanência



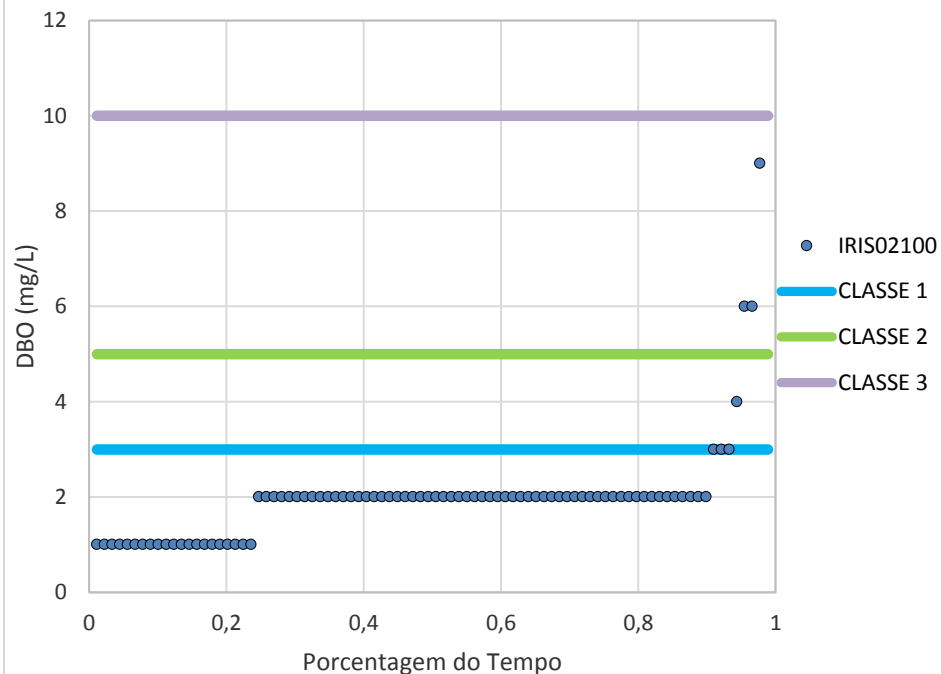
Evolução Temporal



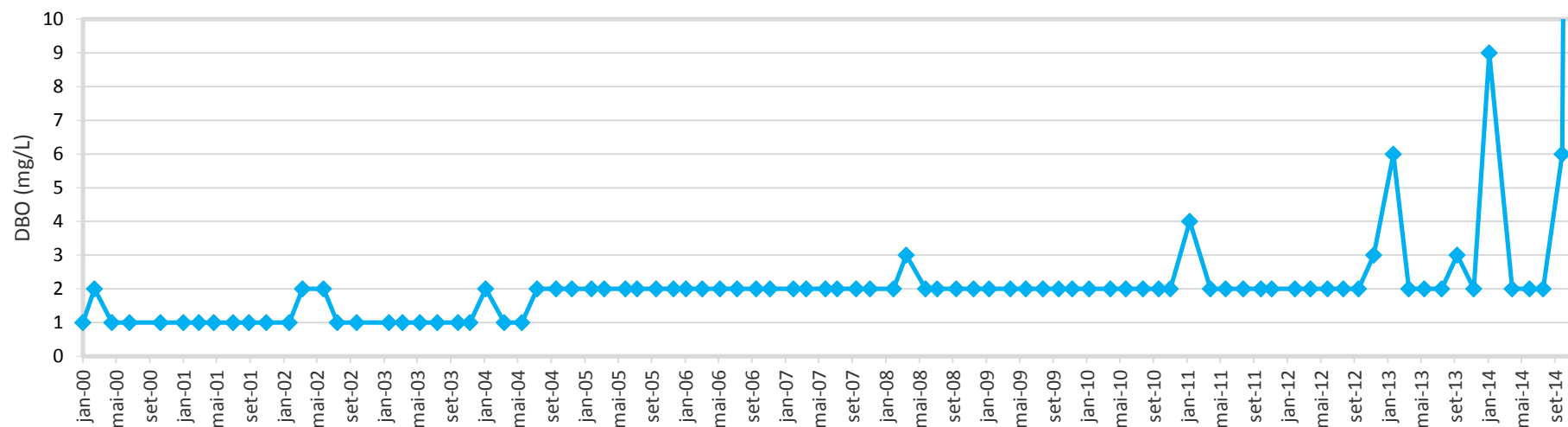
IRIS 02100 – DBO (mg/L)



Curva de Permanência

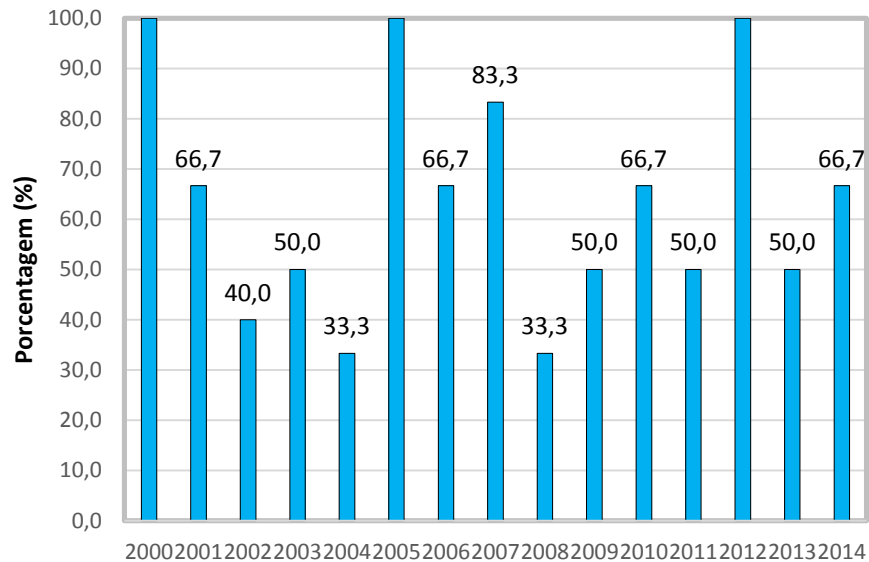


Evolução Temporal

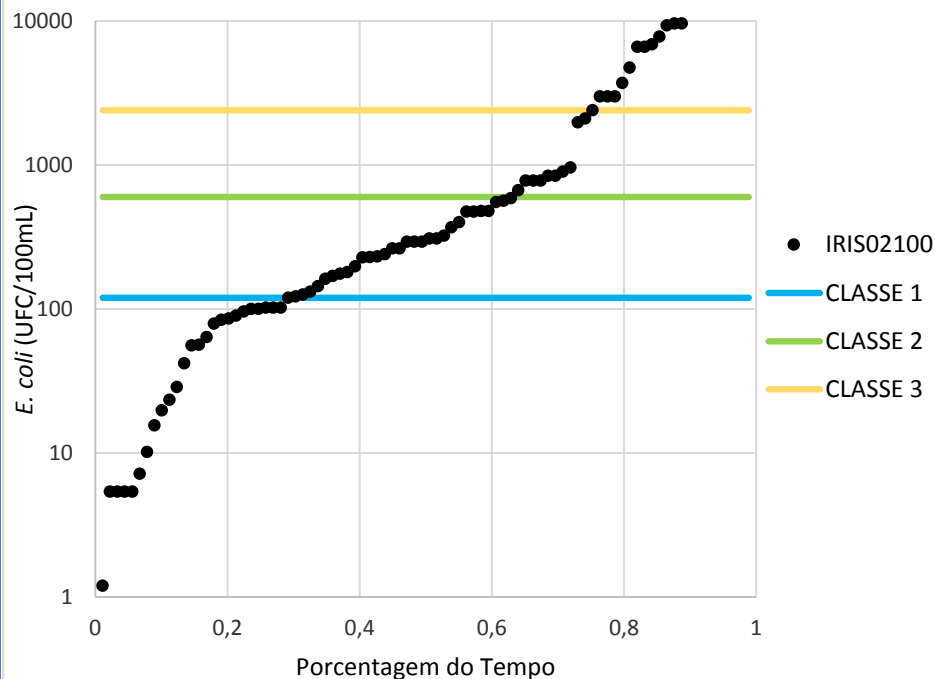


IRIS 02100 – *Escherichia coli* (UFC/100mL)

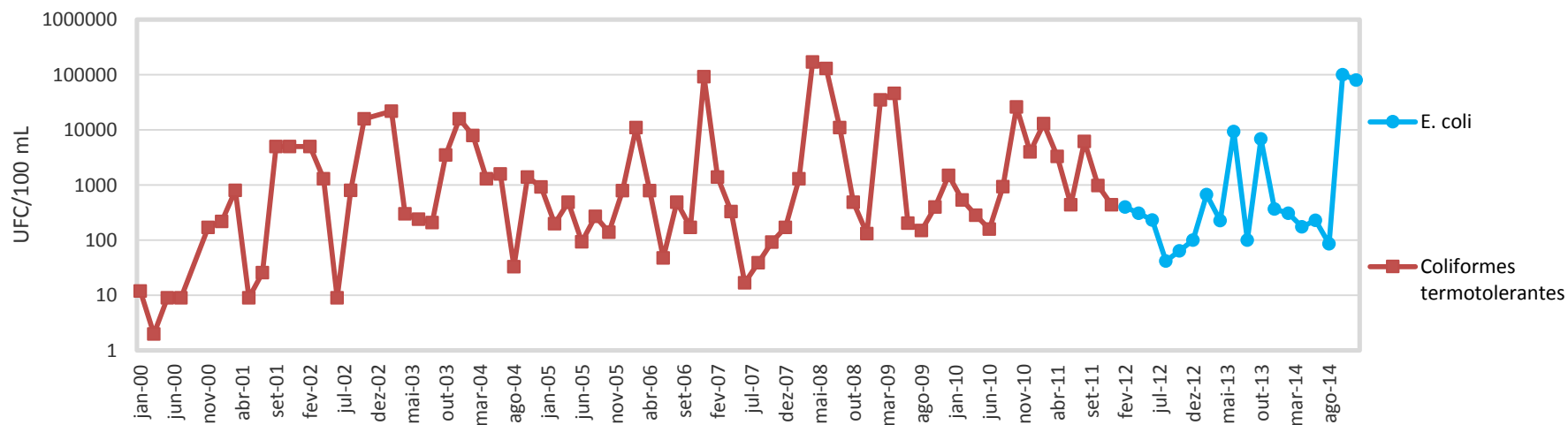
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência



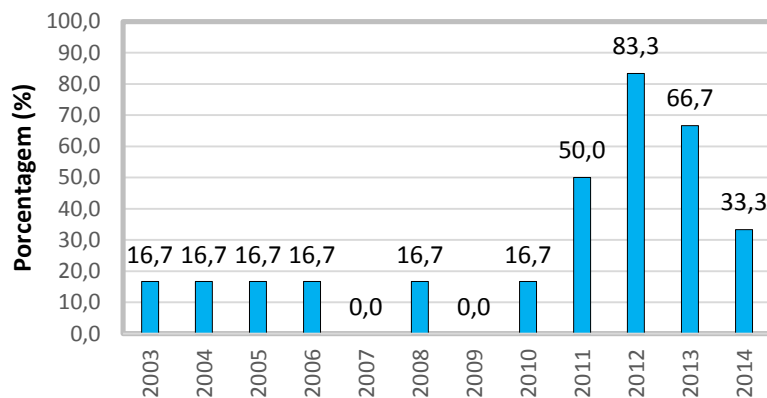
Evolução Temporal



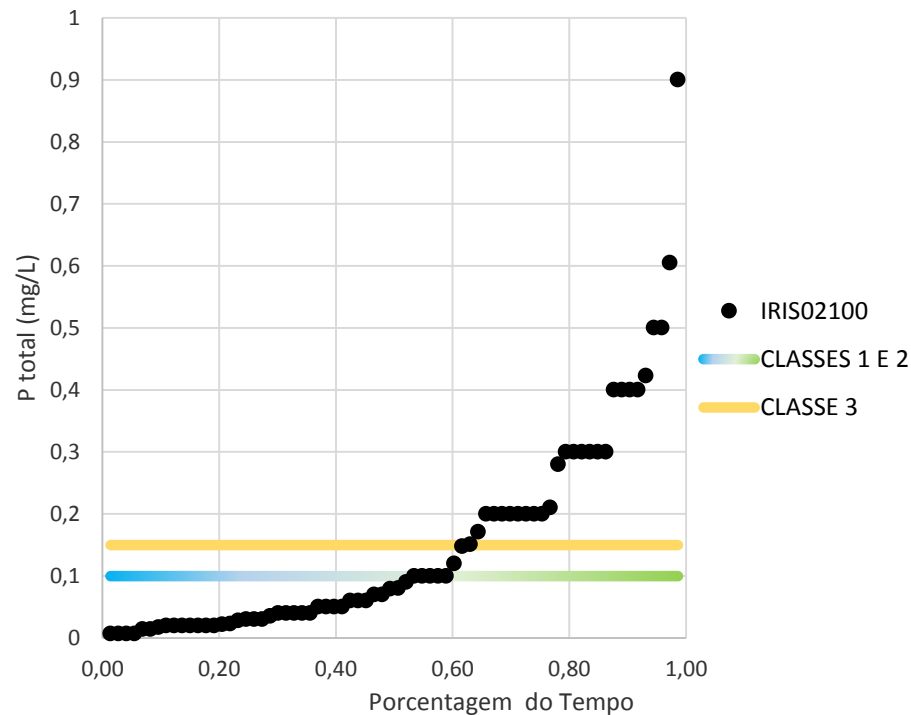
IRIS 02100 – Fósforo Total (mg/L)

Atendimento ao Padrão Classe 2

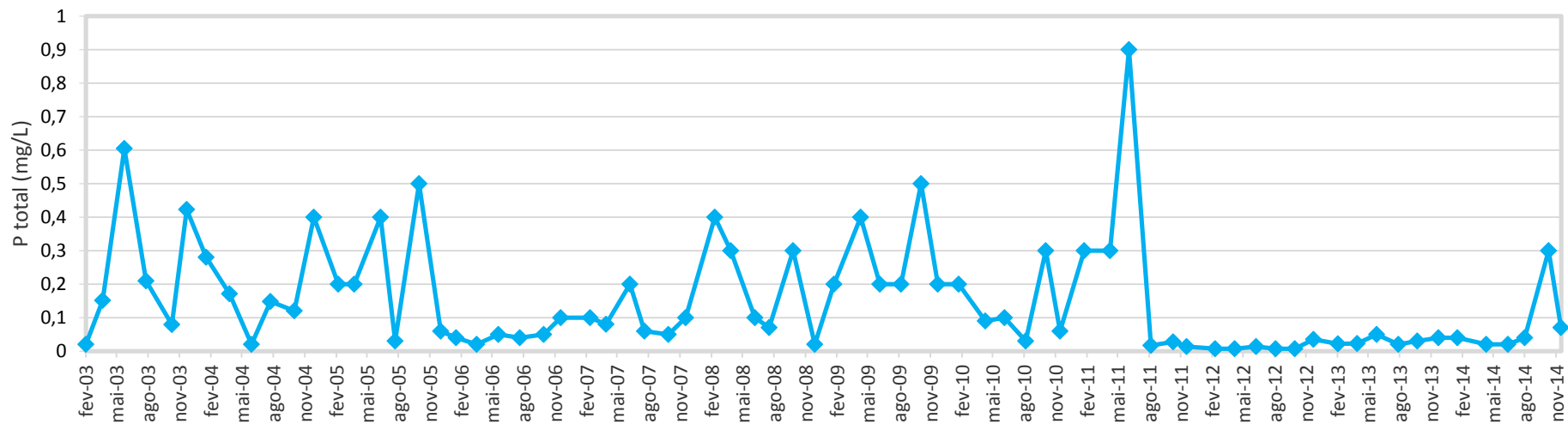
Porcentagem de Atendimento ao Padrão Classe 2
- P total



Curva de Permanência

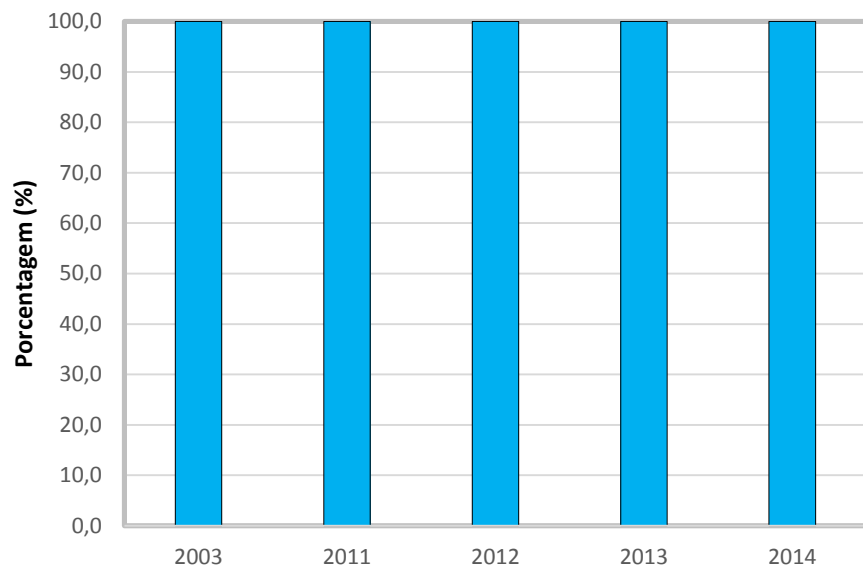


Evolução Temporal

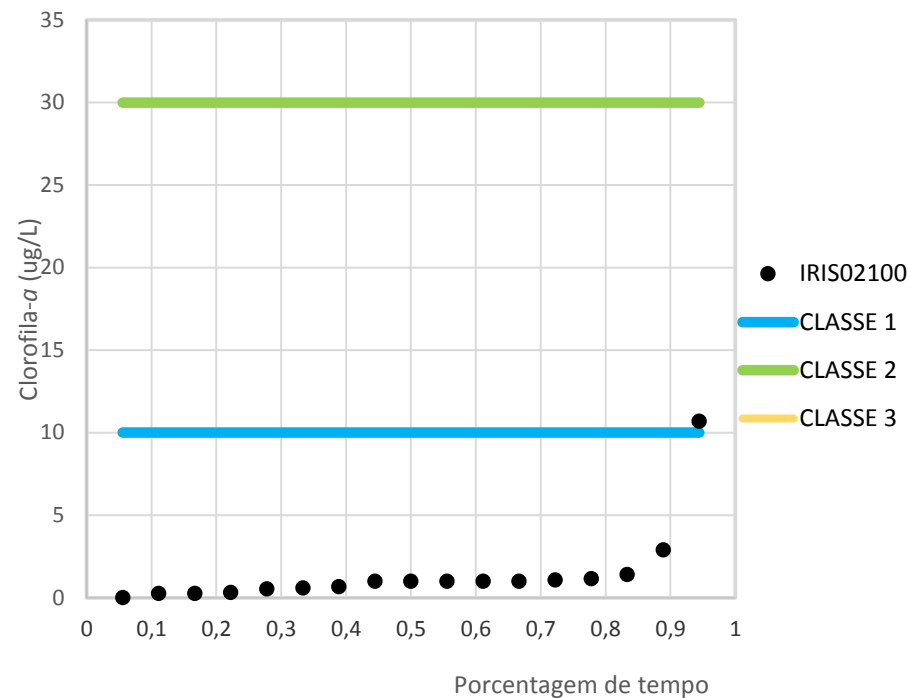


IRIS 02100 – Clorofila-*a* (µg/L)

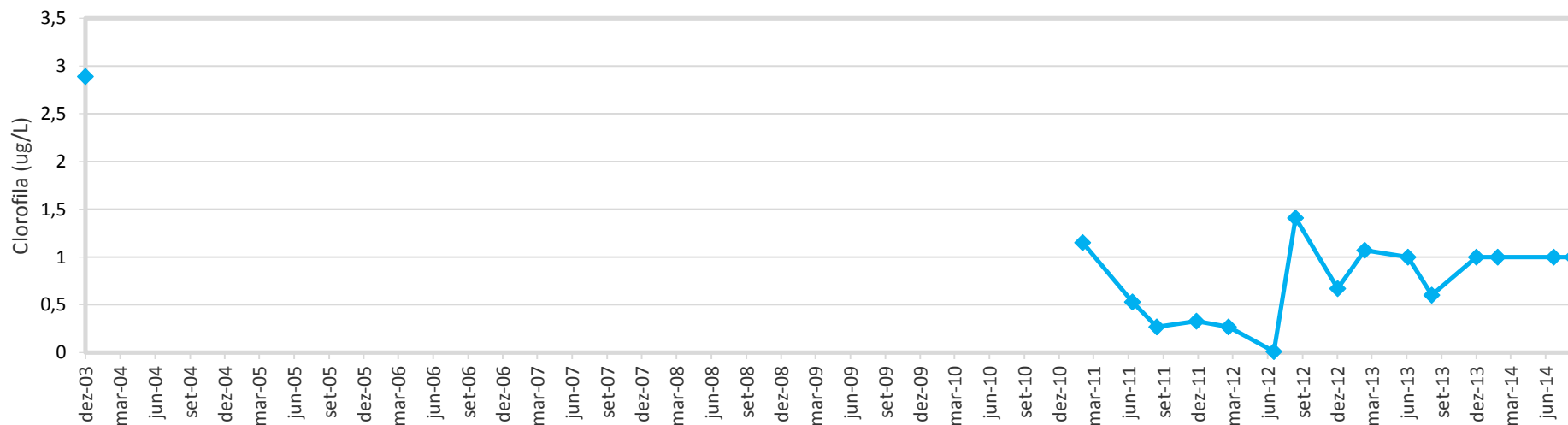
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

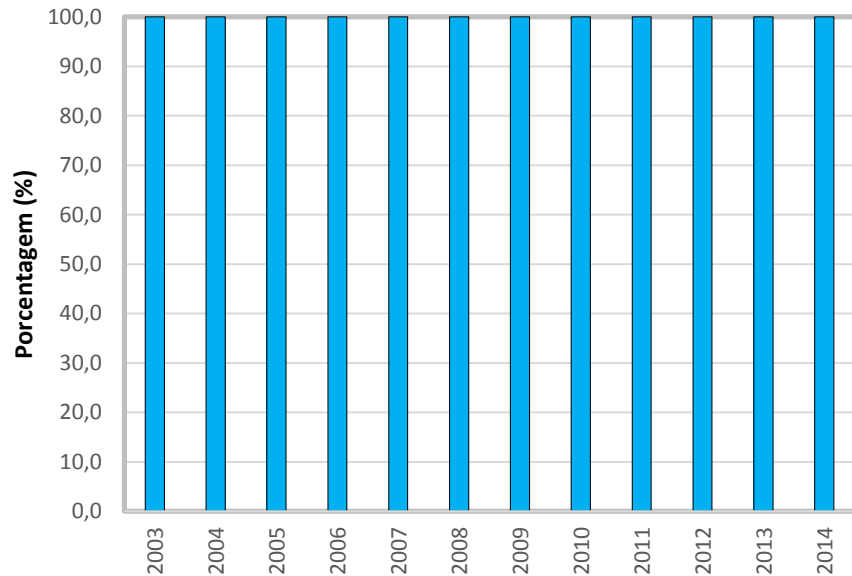


Evolução Temporal

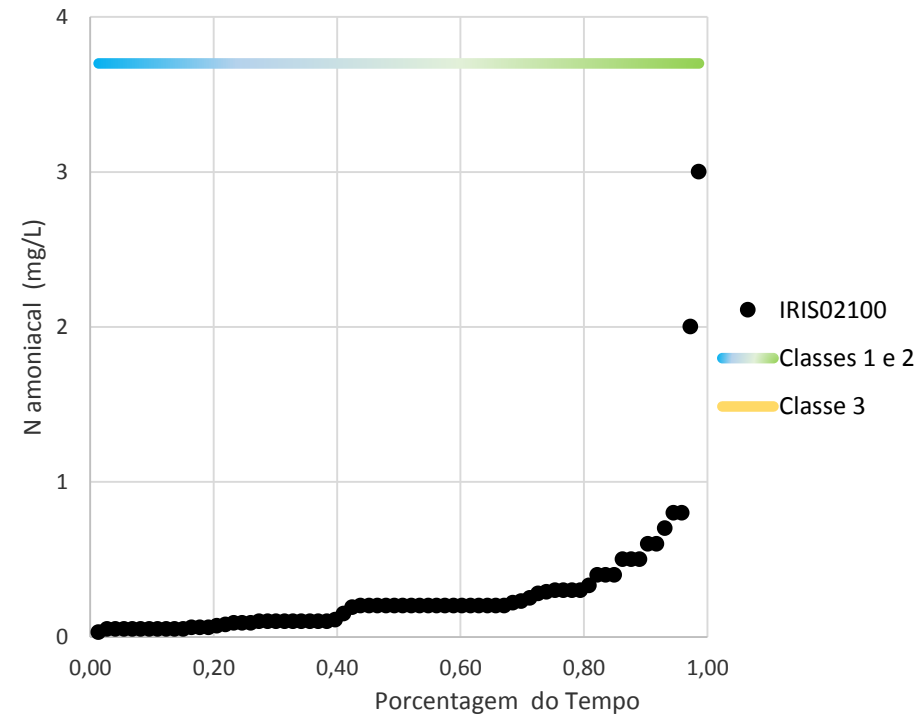


IRIS 02100 – Nitrogênio Amoniacal (mg/L)

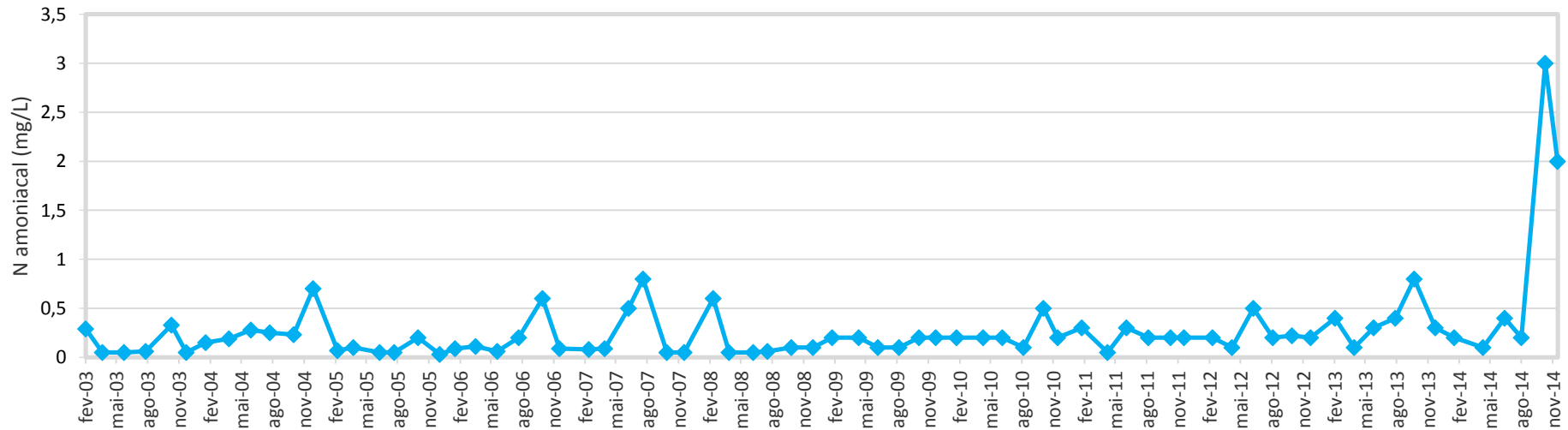
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

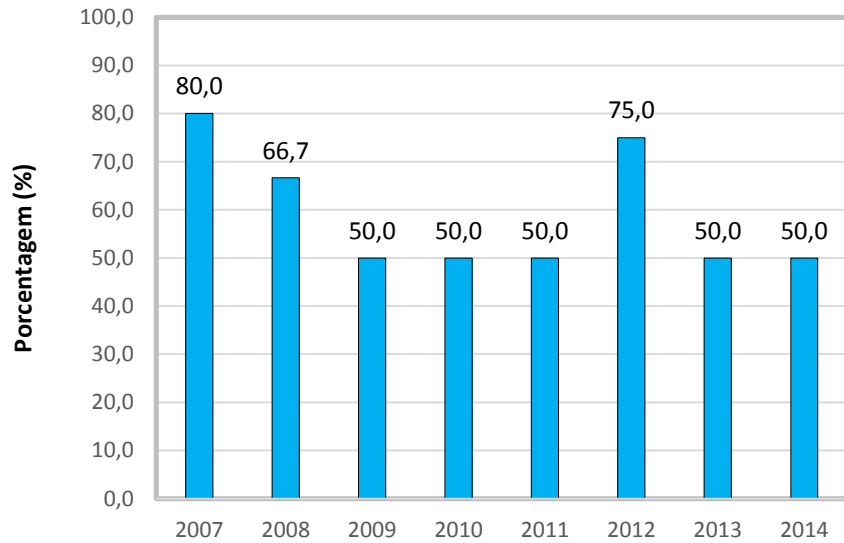


Evolução Temporal

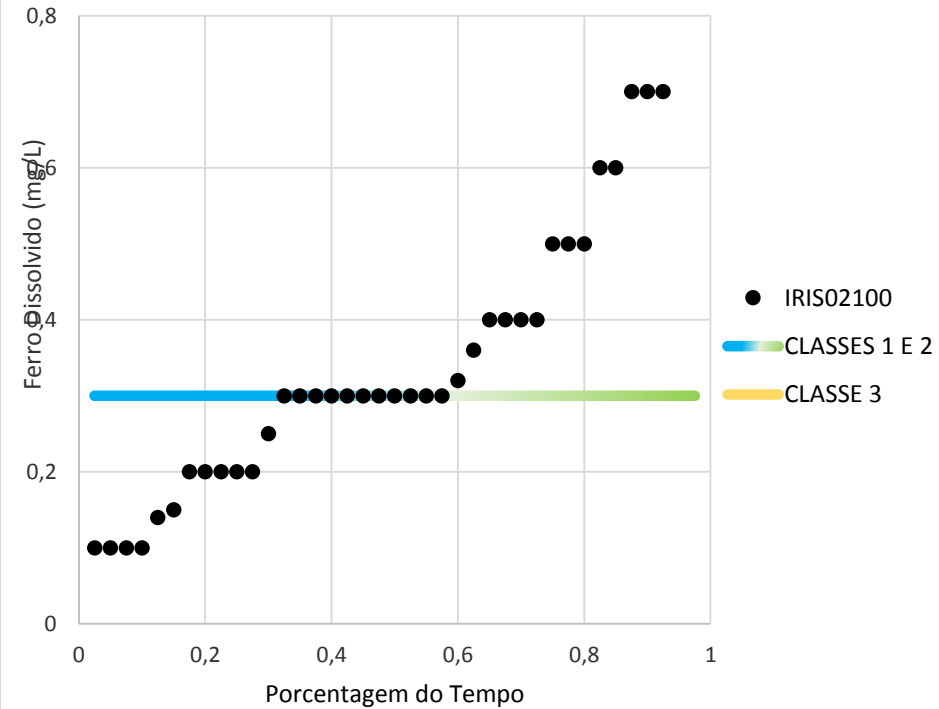


IRIS 02100 – Ferro Dissolvido (mg/L)

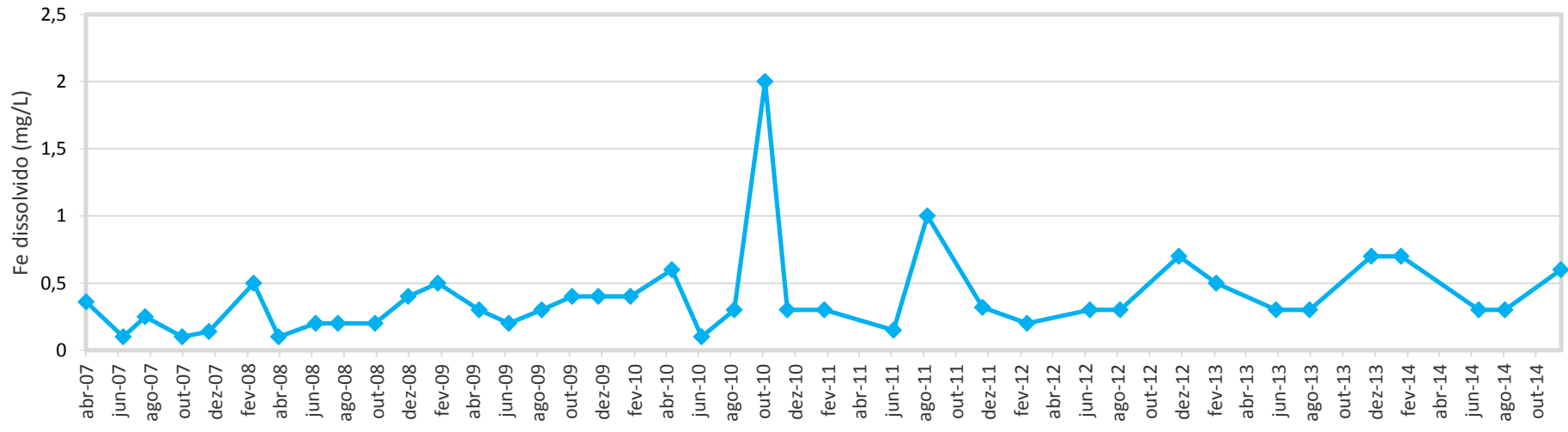
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

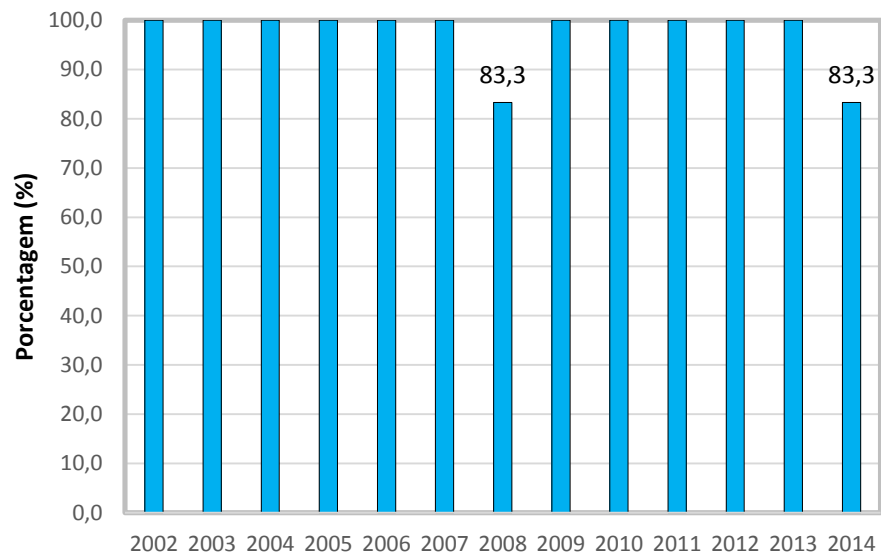


Evolução Temporal

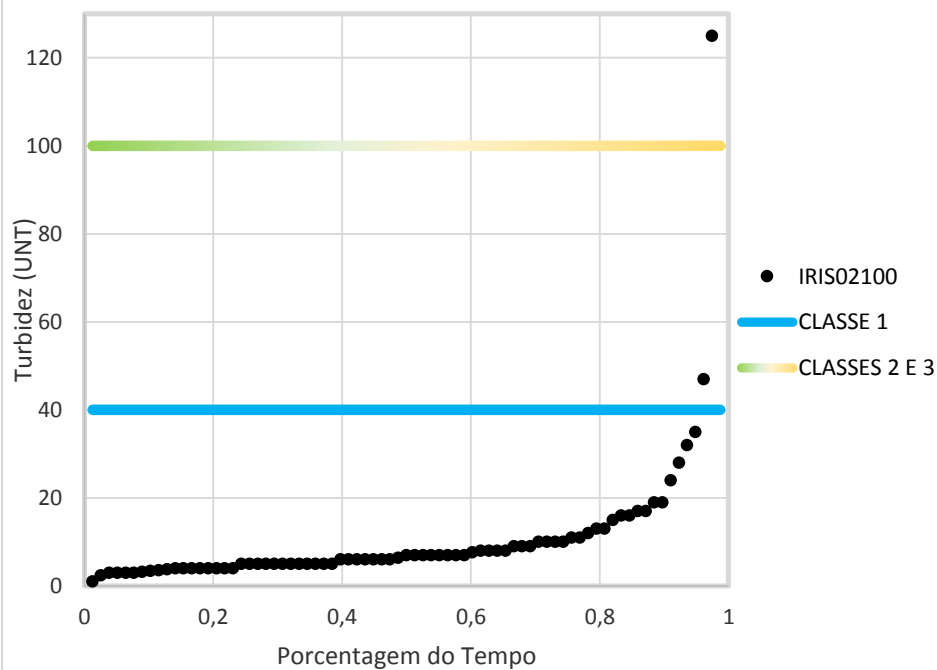


IRIS 02100 – Turbidez (UNT)

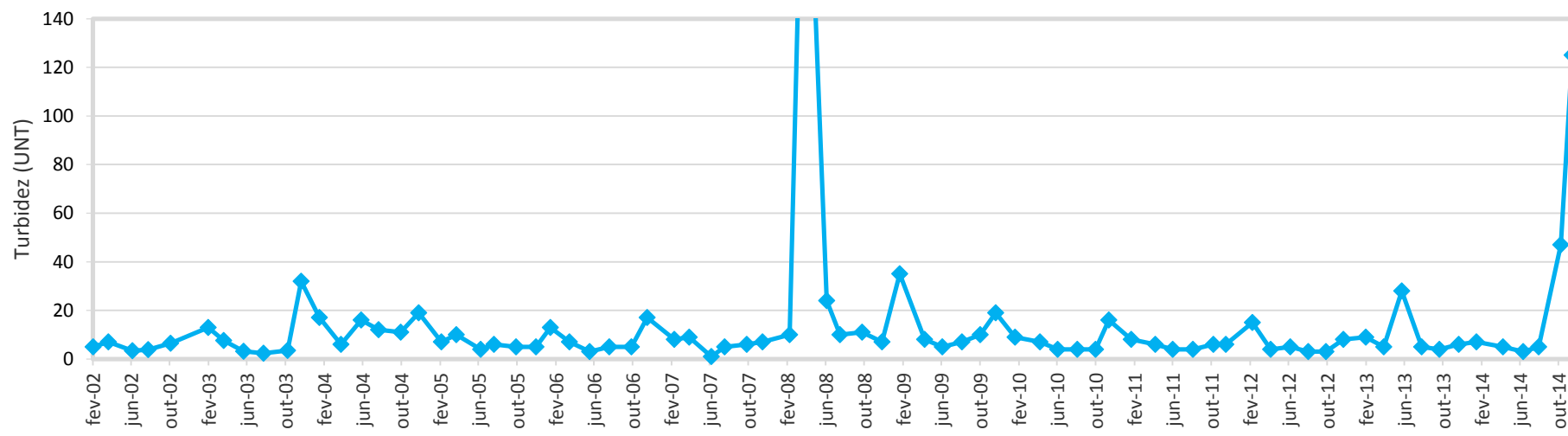
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez Geral

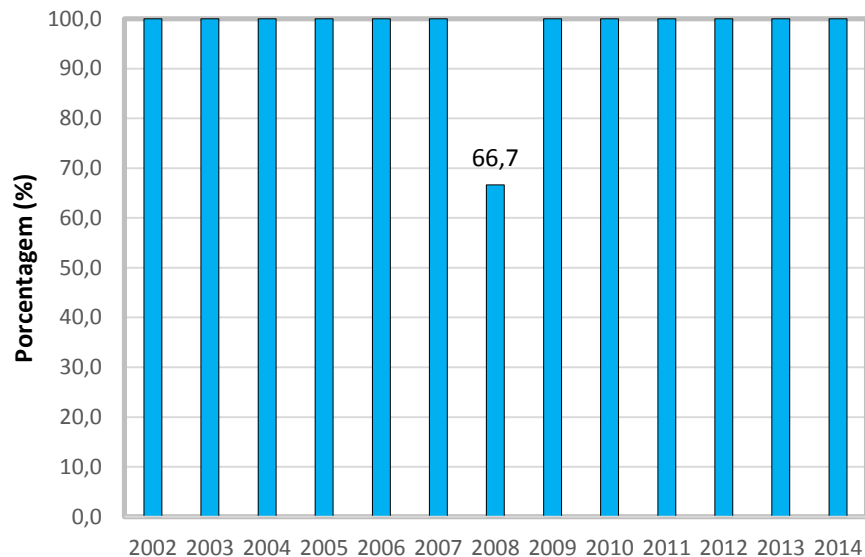


Evolução Temporal



IRIS 02100 – Turbidez (Período Seco x Período Chuvoso)

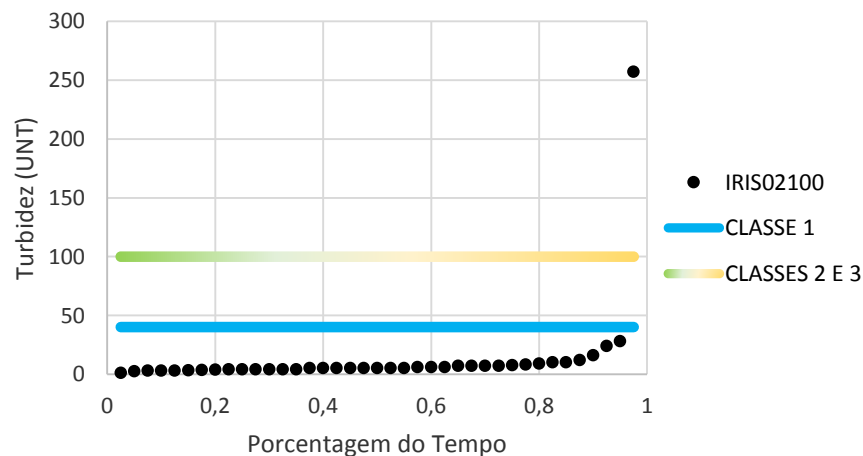
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



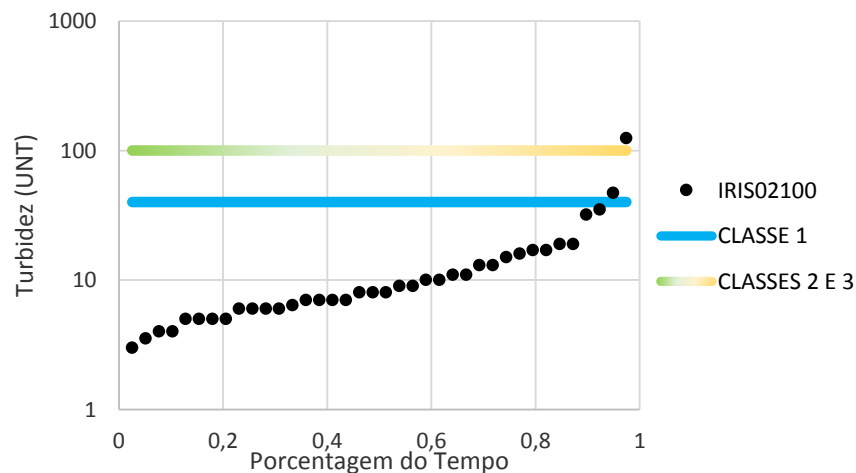
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
Período Seco

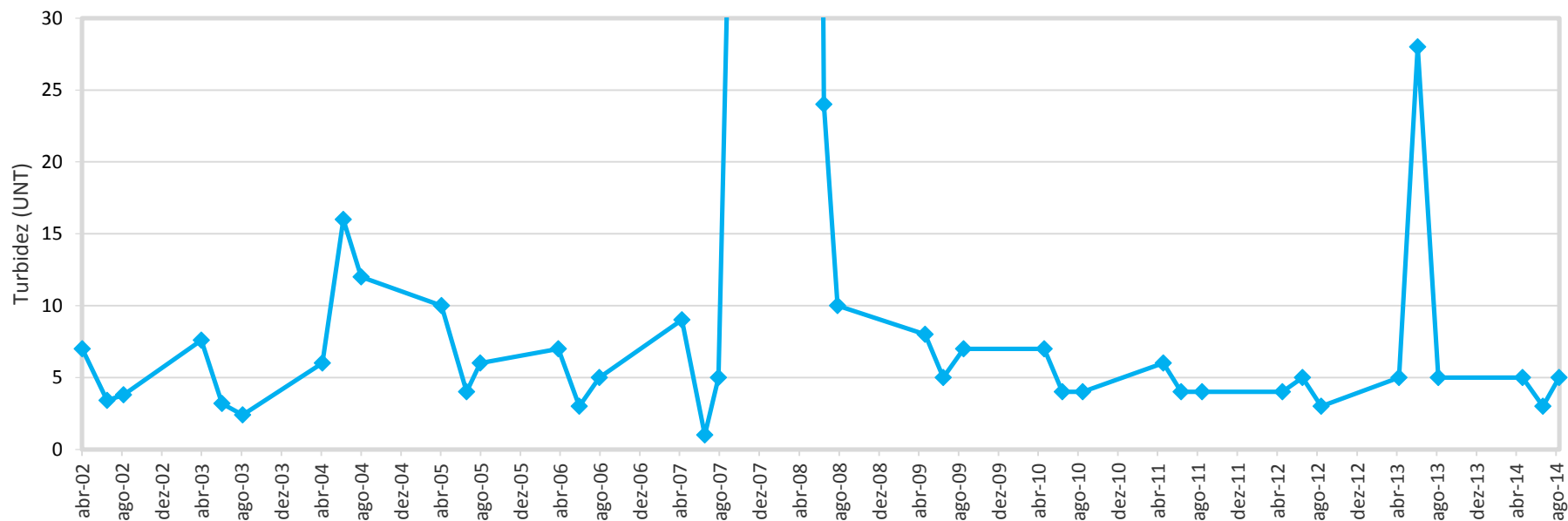


Curva de Permanência- Turbidez
Período Chuvoso

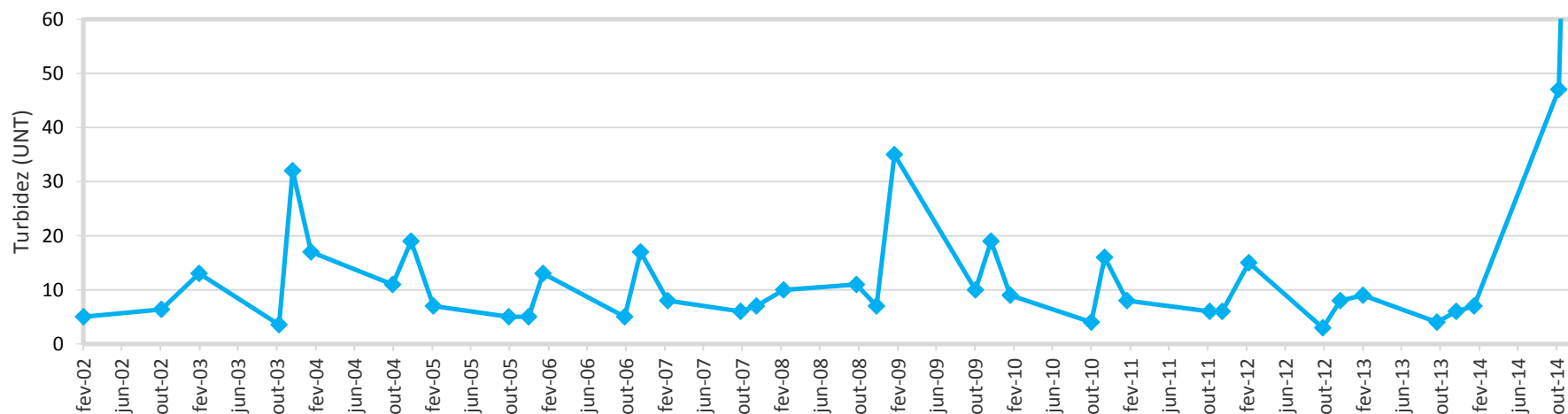


IRIS 02100 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



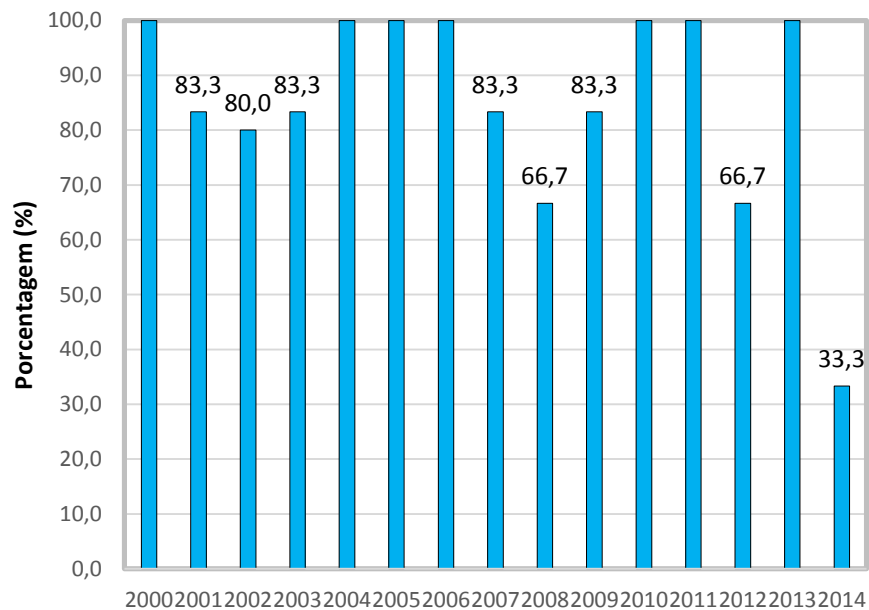
Evolução Temporal - Período Chuvoso



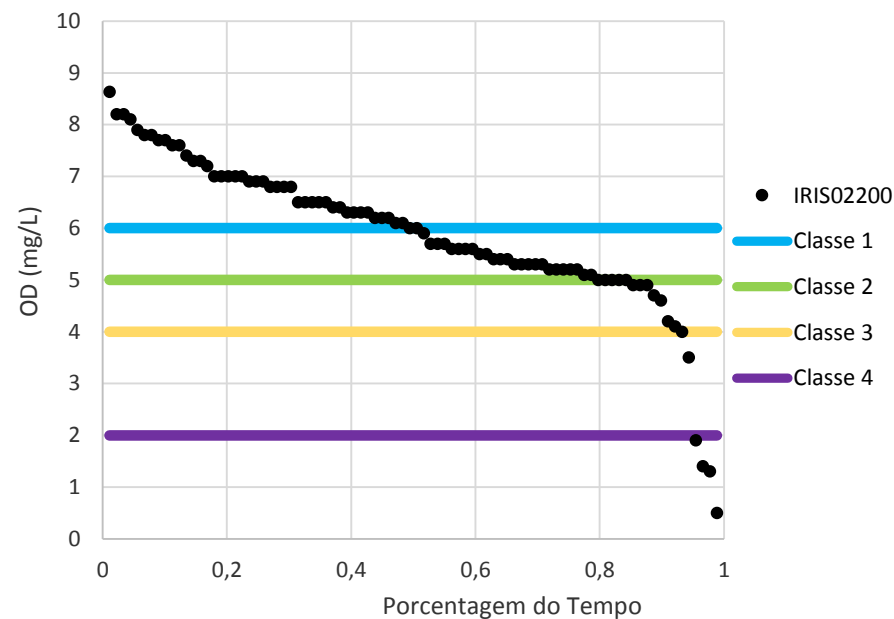
Rio Pirai
IRIS 02200

IRIS 02200 – Oxigênio Dissolvido (mg/L)

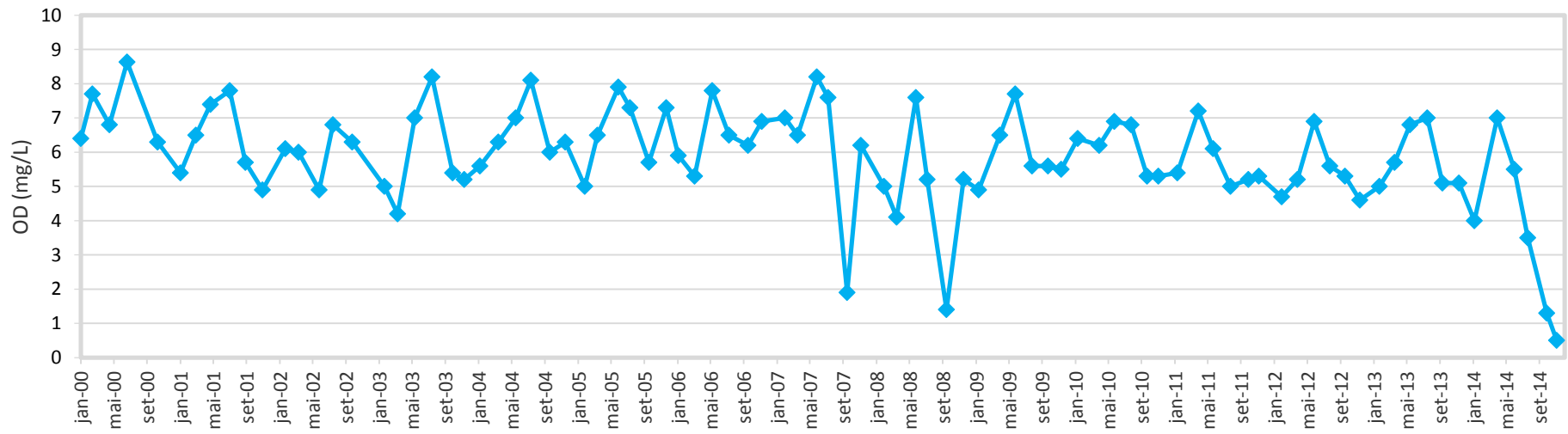
Porcentagem de Atendimento ao Padrão Classe 2 - OD



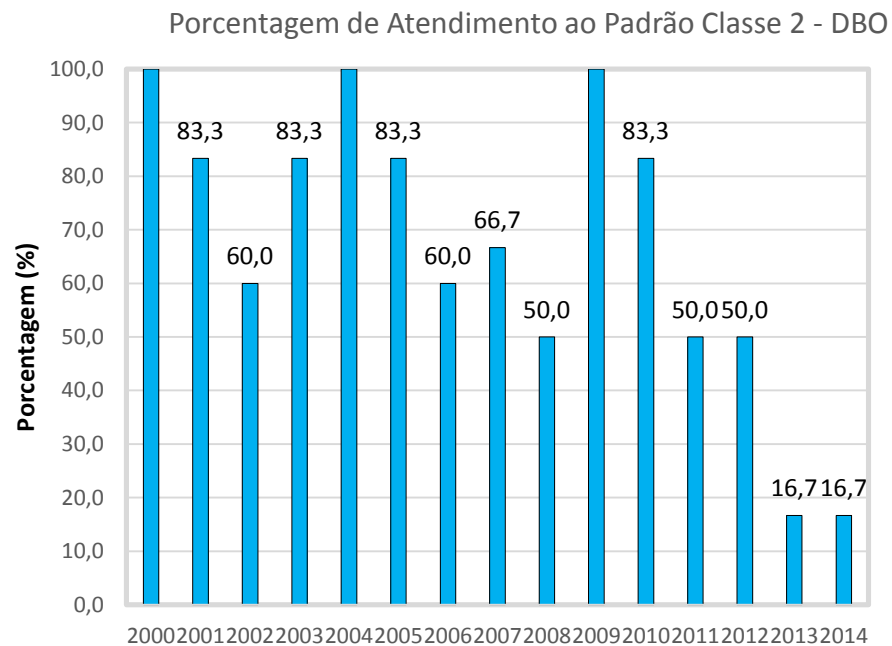
Curva de Permanência



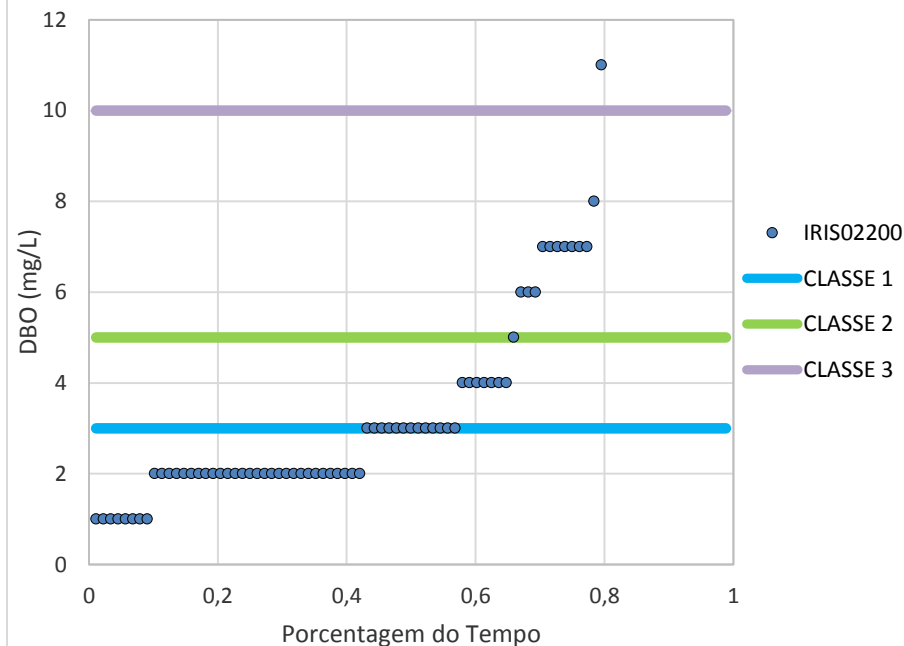
Evolução Temporal



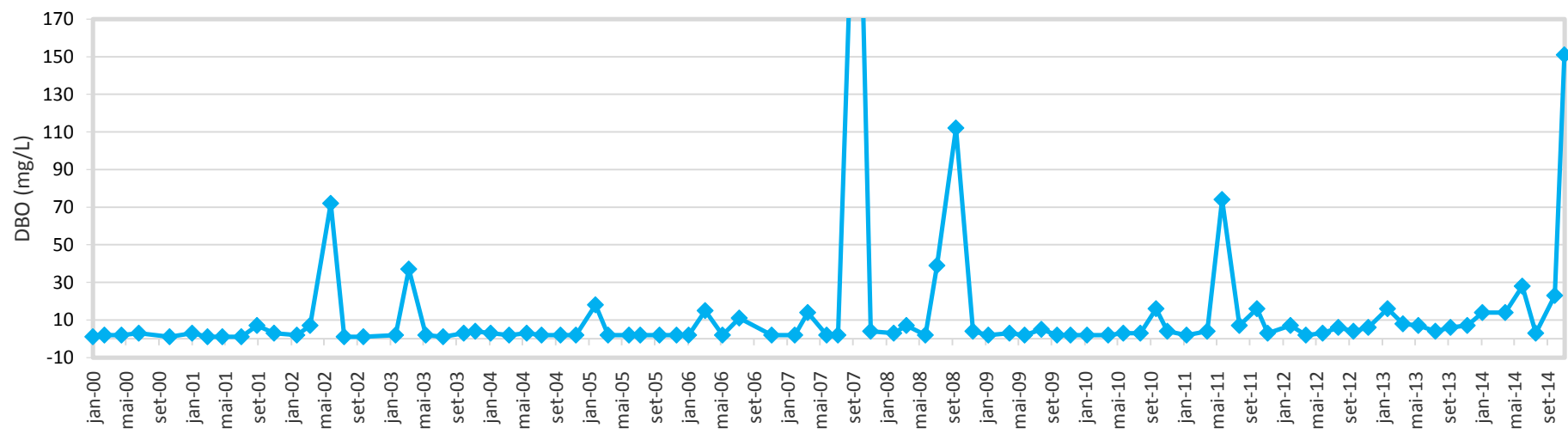
IRIS 02200 – DBO (mg/L)



Curva de Permanência

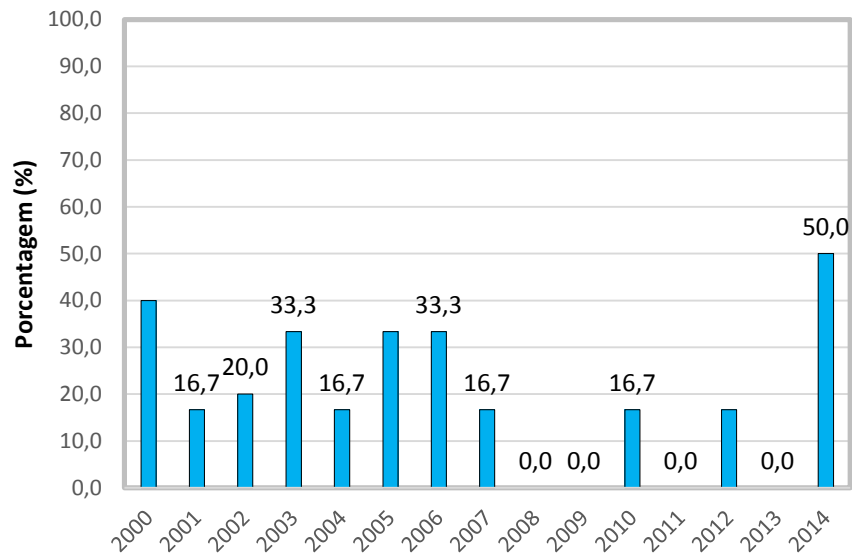


Evolução Temporal

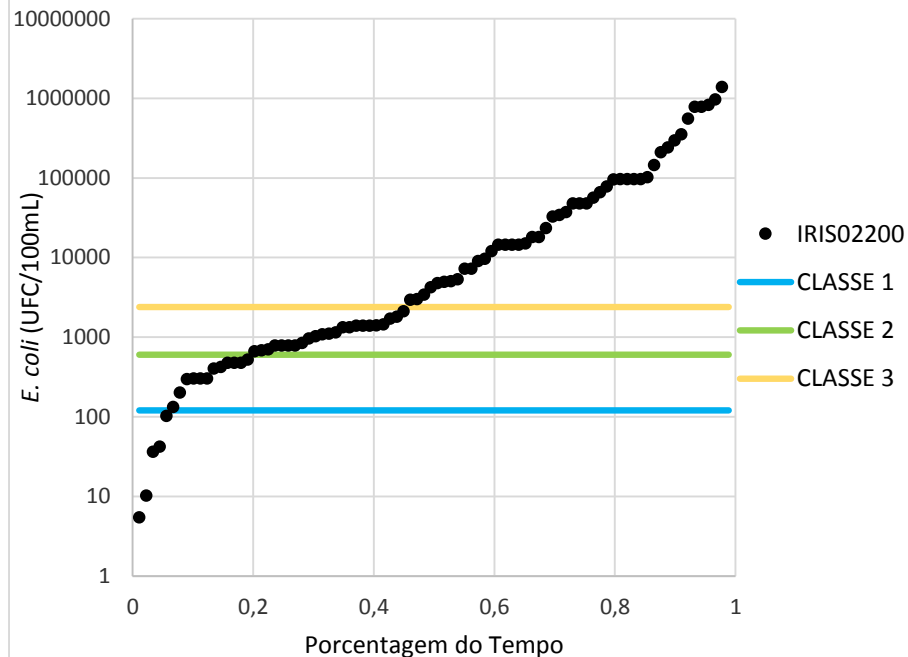


IRIS 02200 – *Escherichia coli* (UFC/100mL)

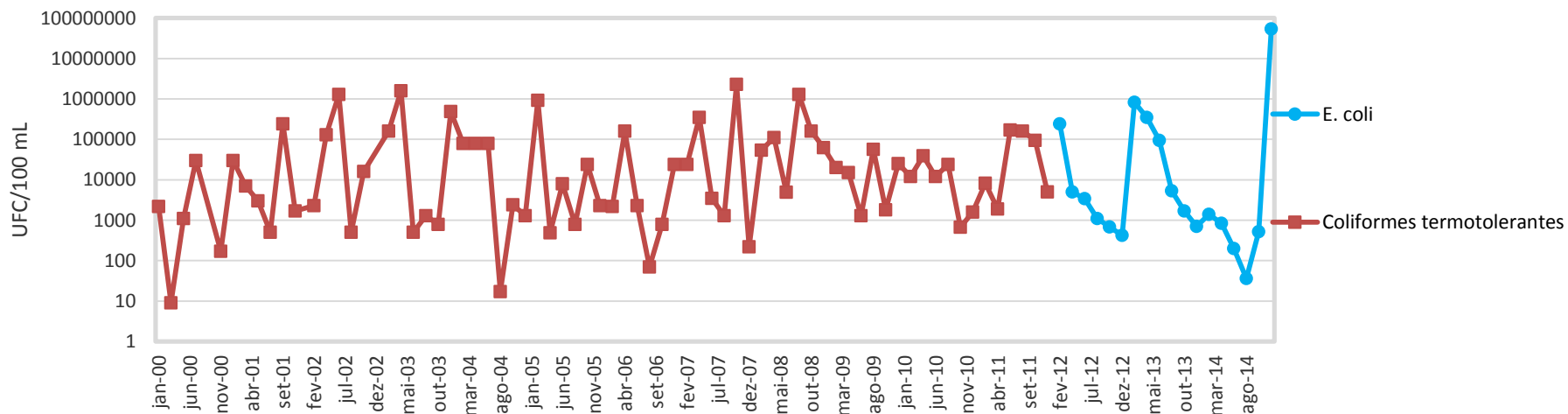
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

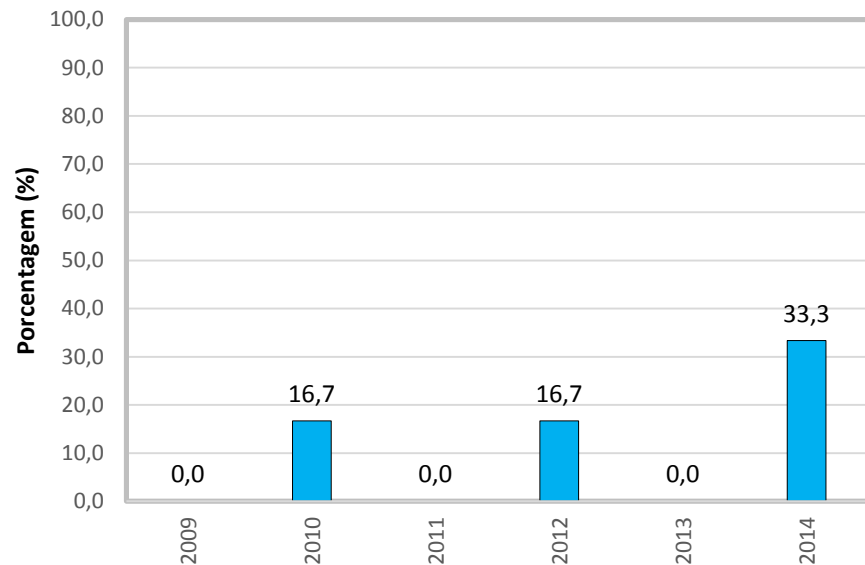


Evolução Temporal

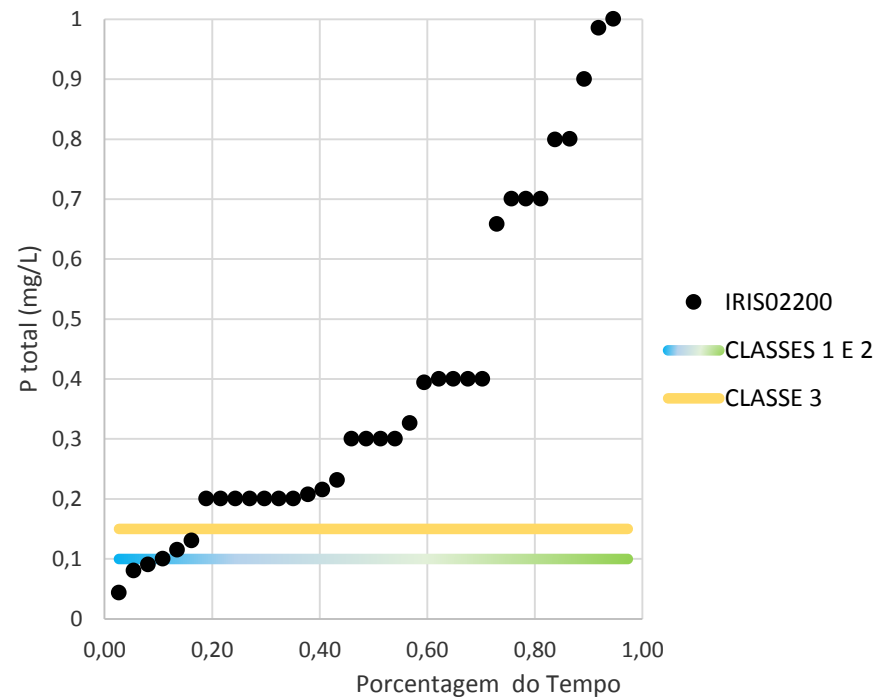


IRIS 02200 – Fósforo Total (mg/L)

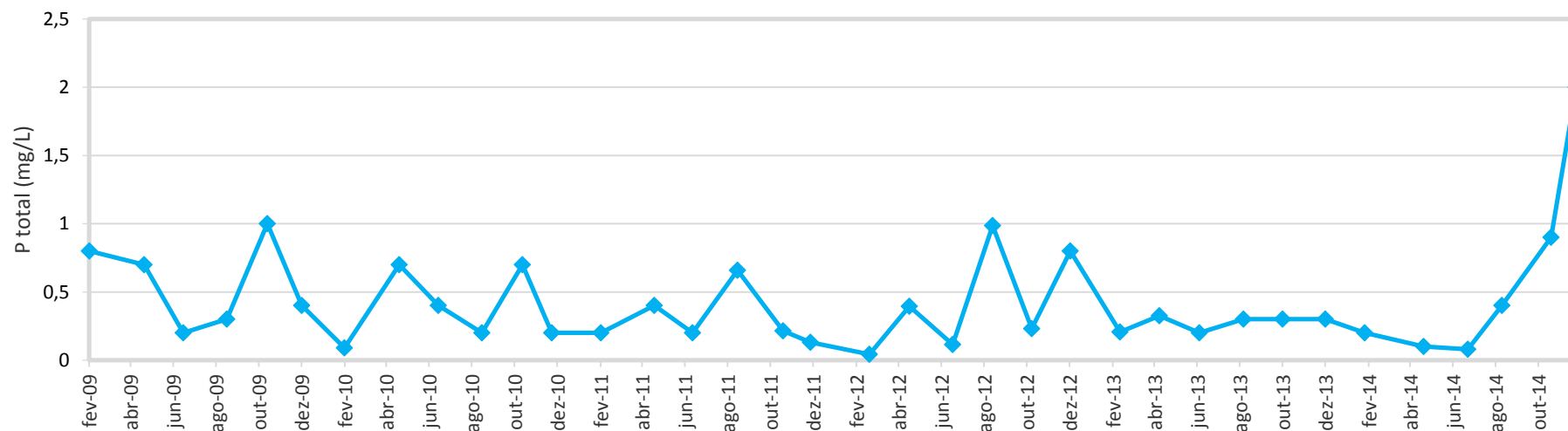
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

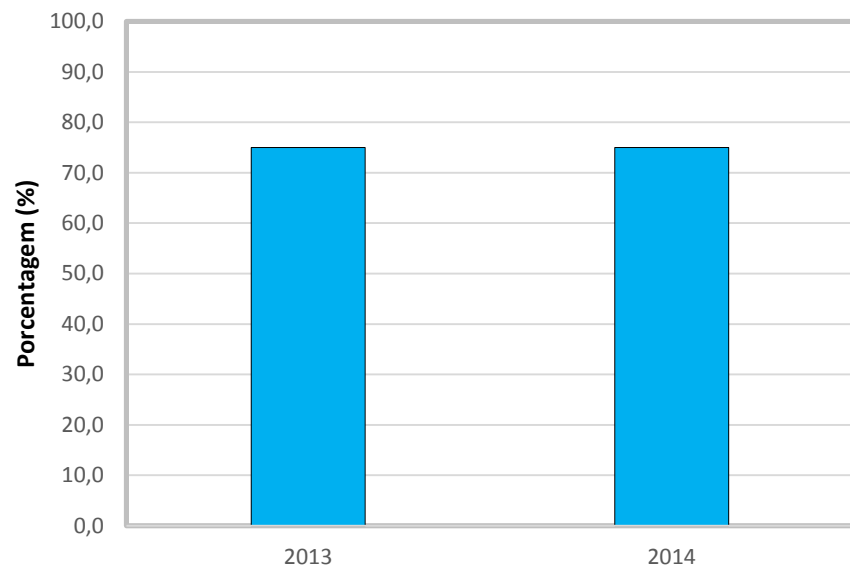


Evolução Temporal

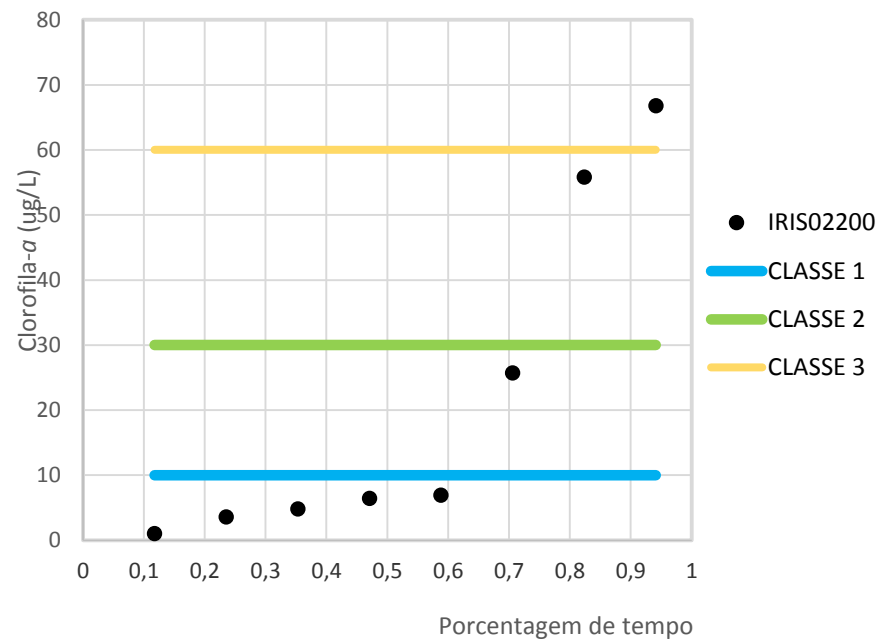


IRIS 02200 – Clorofila-*a* (µg/L)

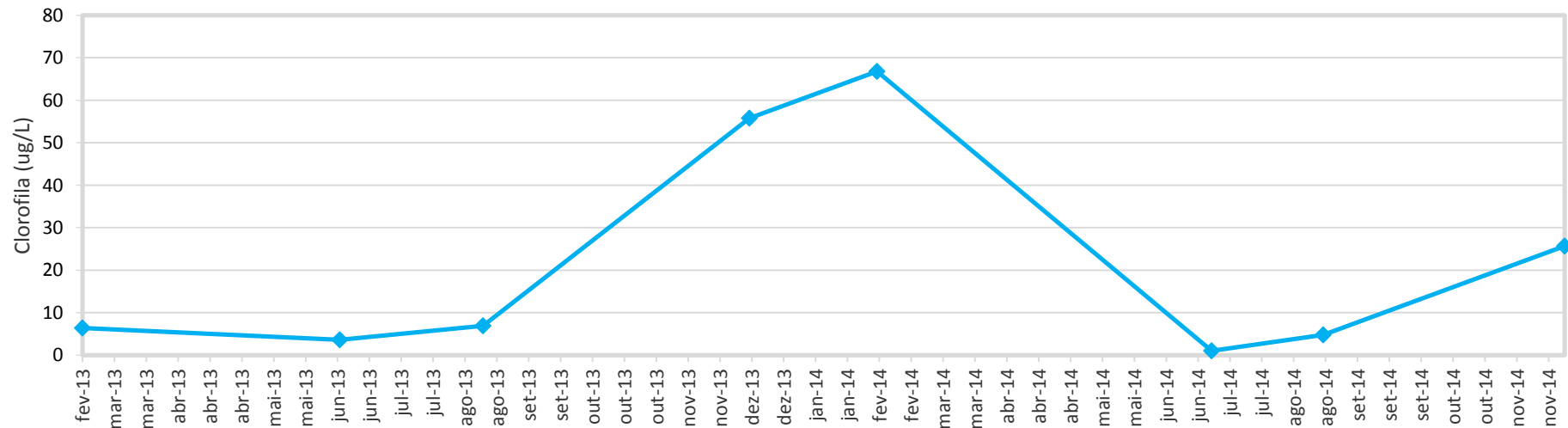
Porcentagem de Atendimento ao Padrão Classe 2 - Clorofila-*a*



Curva de Permanência

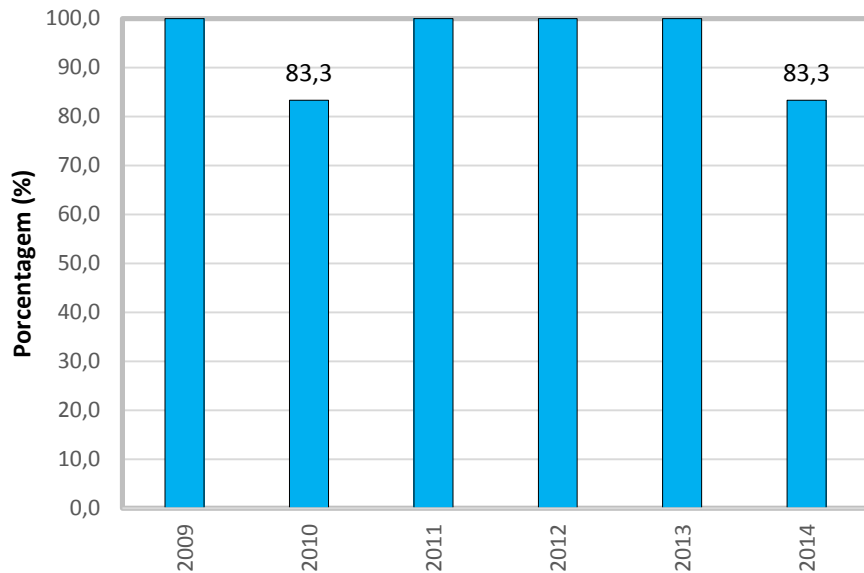


Evolução Temporal

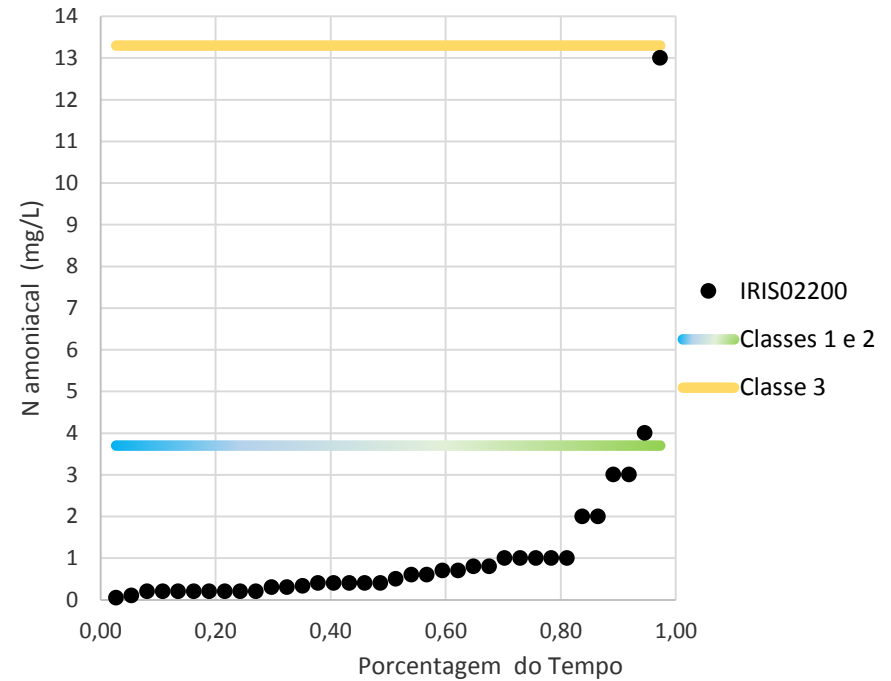


IRIS 02200 – Nitrogênio Amoniacal (mg/L)

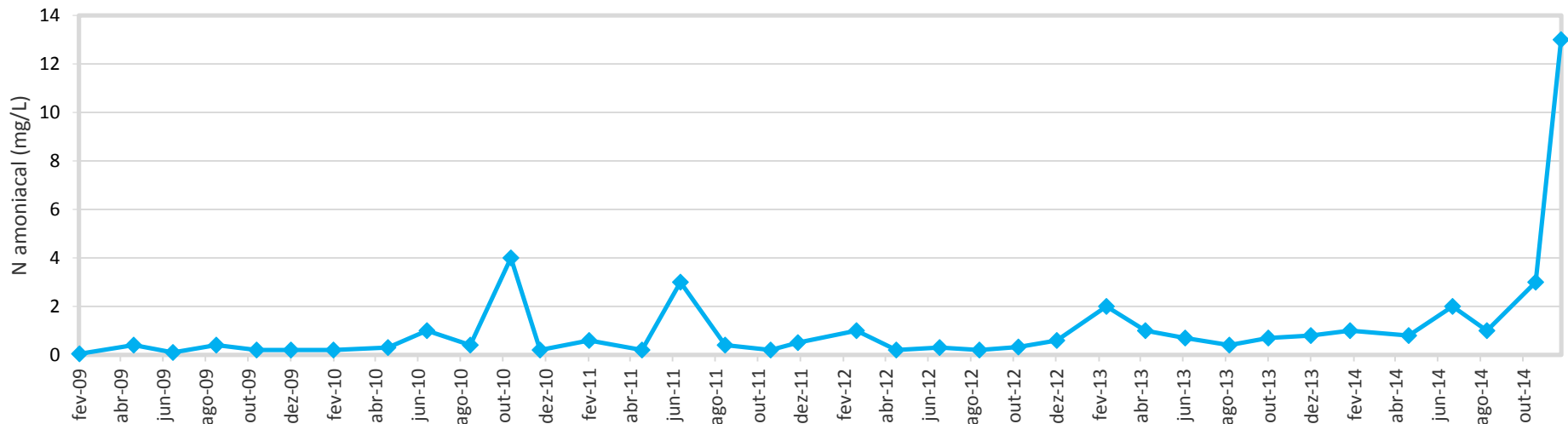
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

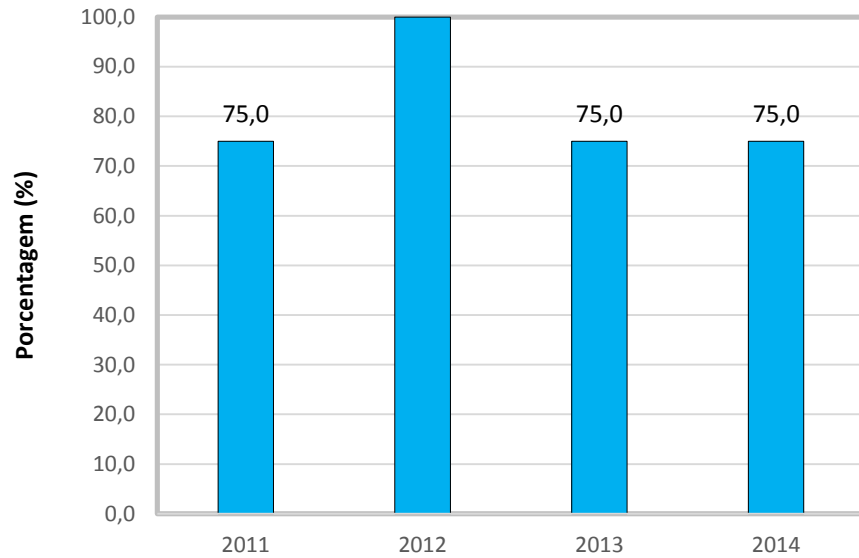


Evolução Temporal

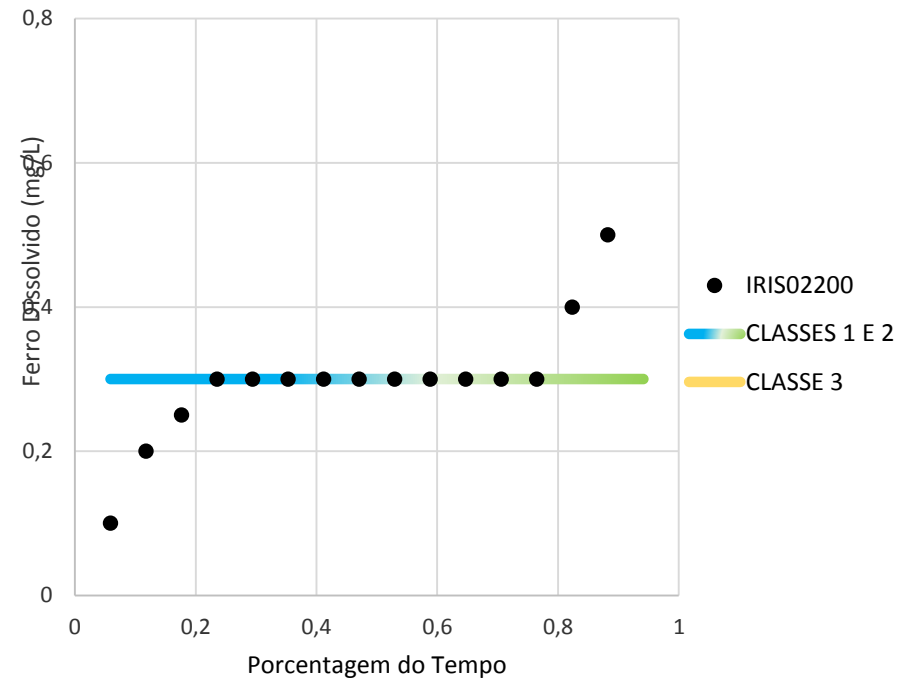


IRIS 02200 – Ferro Dissolvido (mg/L)

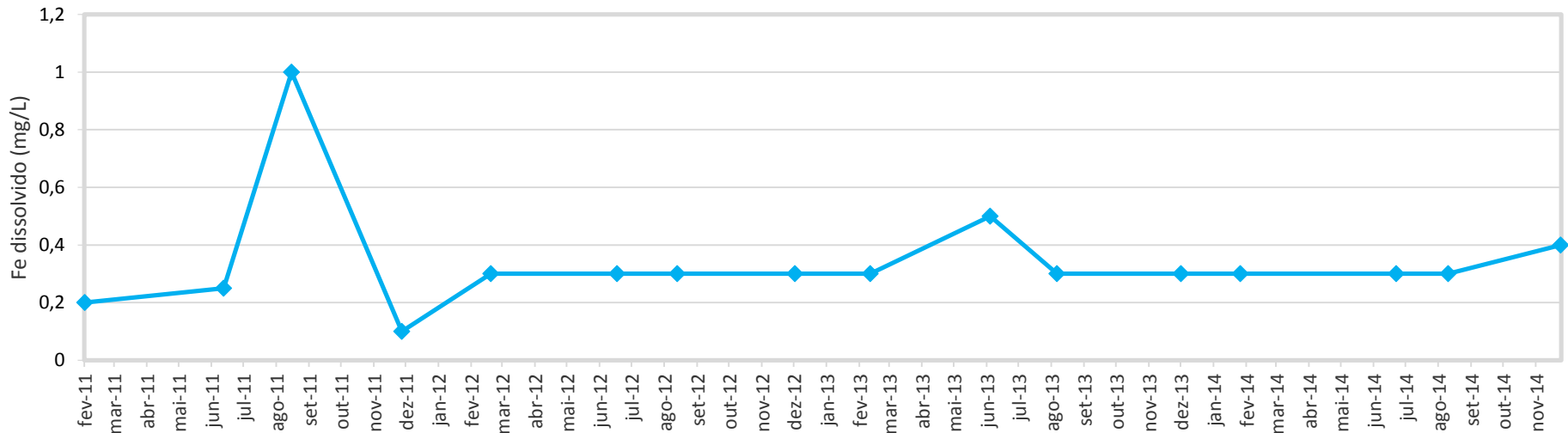
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

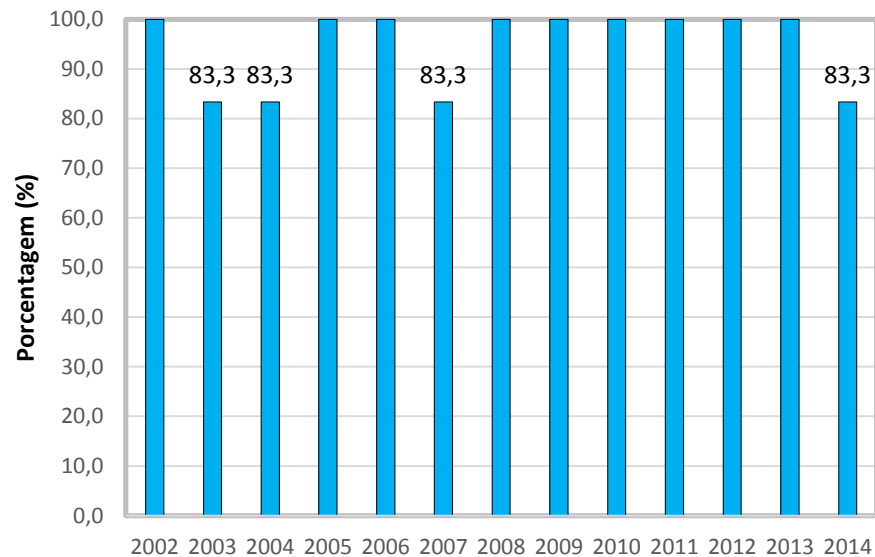


Evolução Temporal

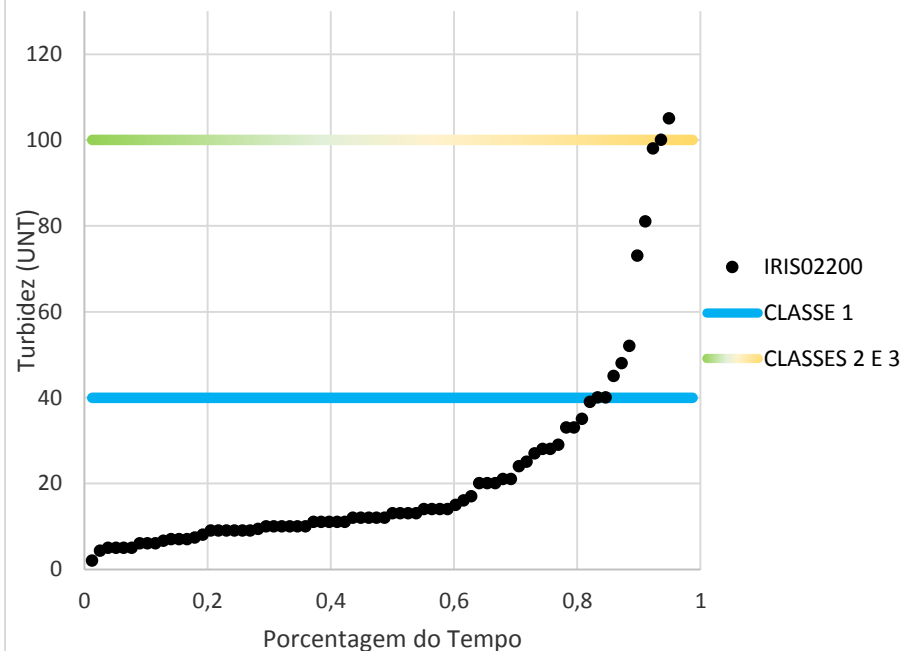


IRIS 02200 – Turbidez (UNT)

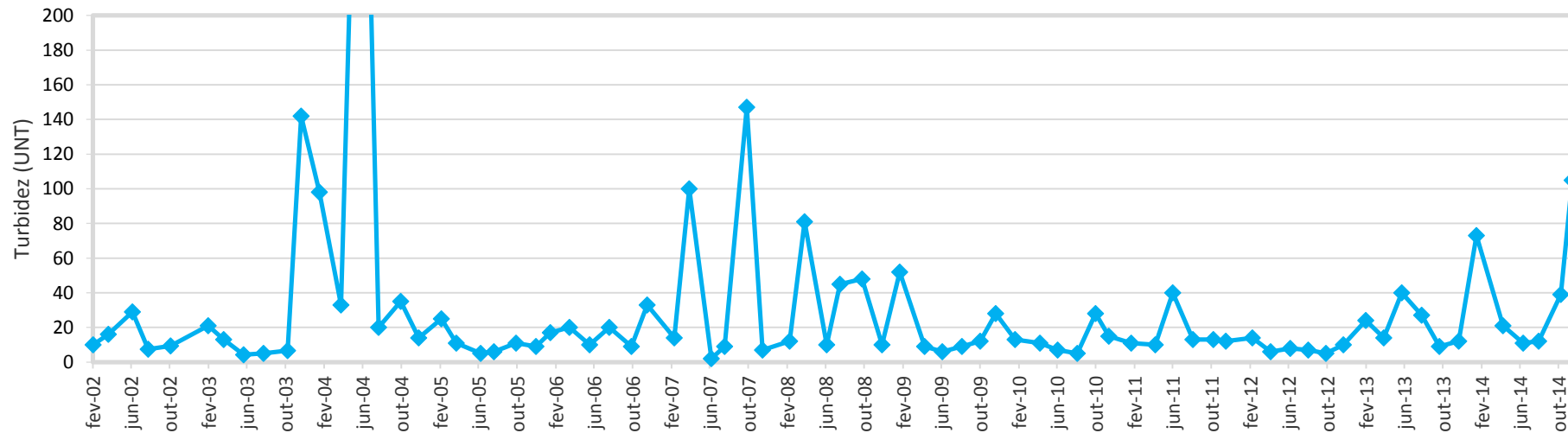
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

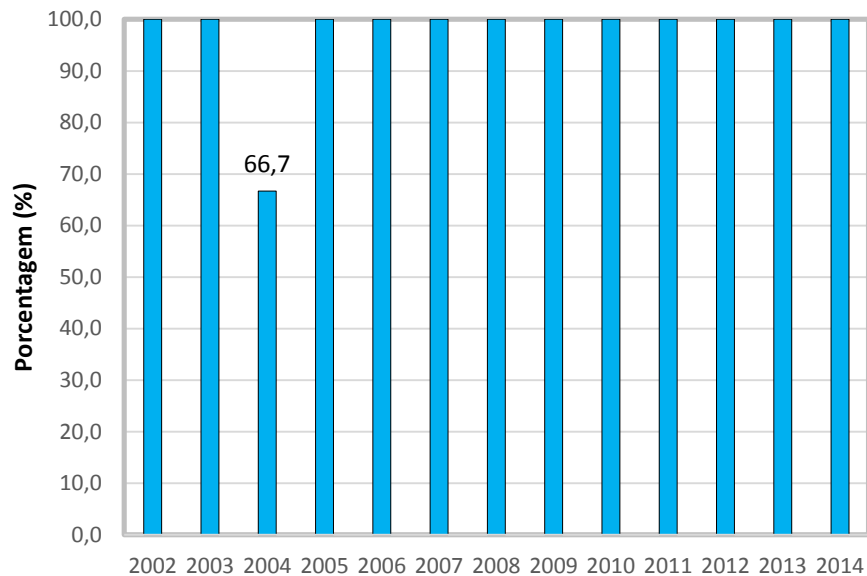


Evolução Temporal

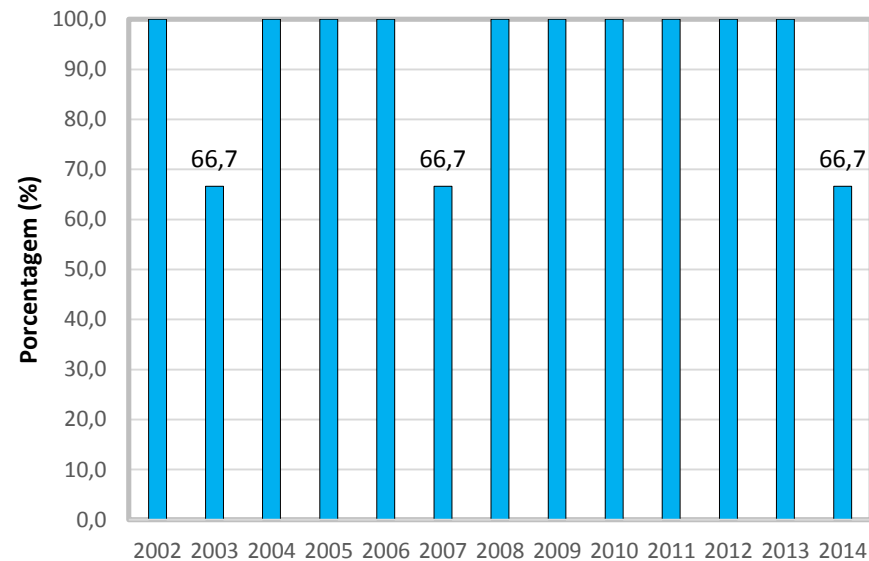


IRIS 02200 – Turbidez (Período Seco x Período Chuvoso)

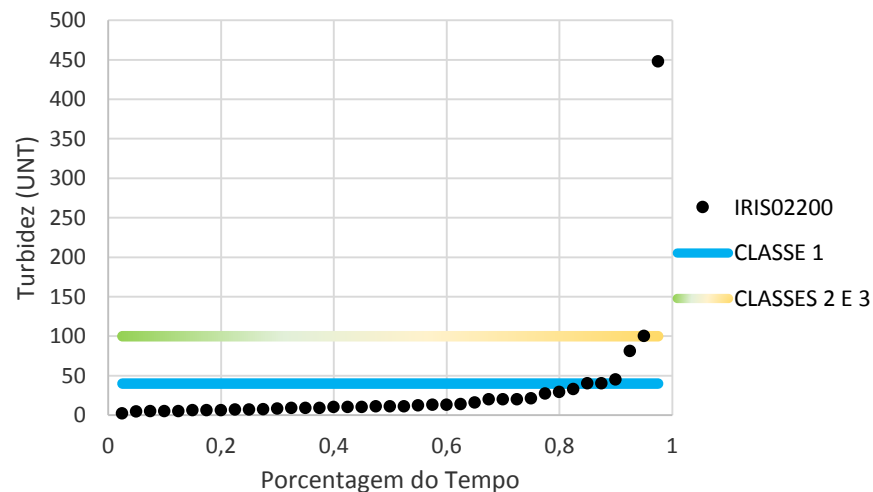
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (seco)



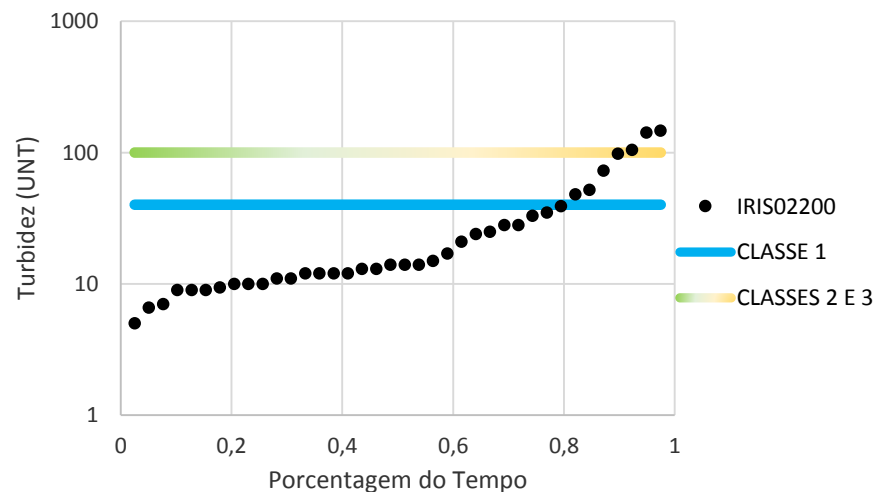
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (chuvoso)



Curva de Permanência- Turbidez (Período Seco)

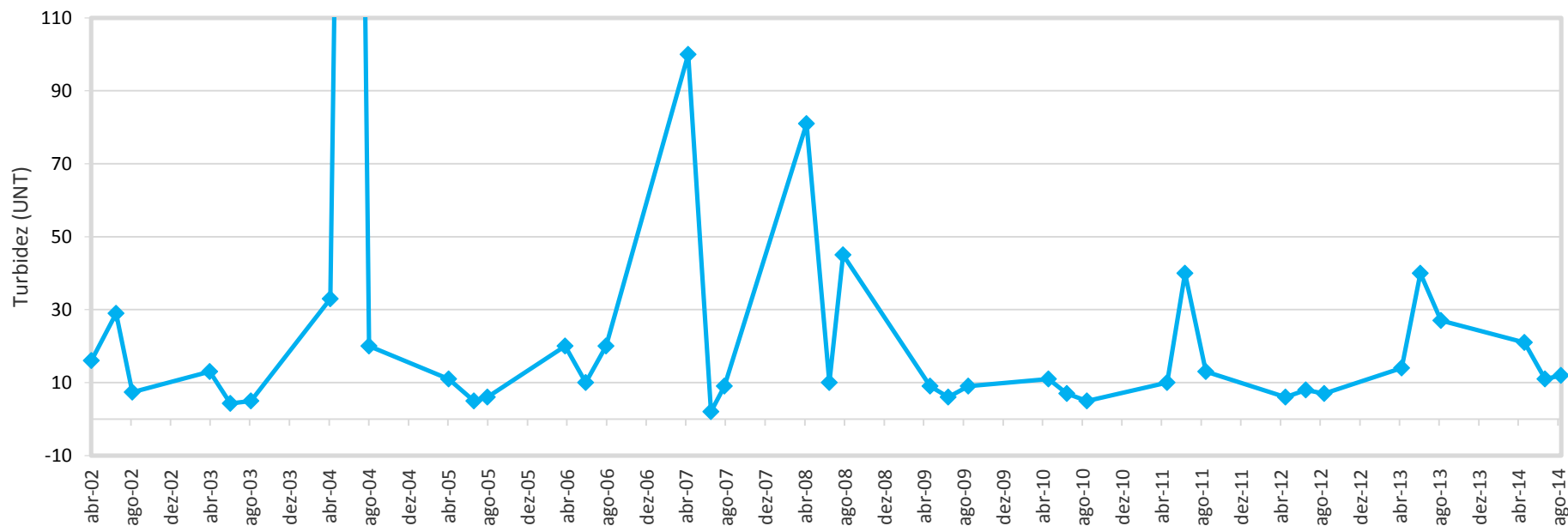


Curva de Permanência- Turbidez (Período Chuvoso)

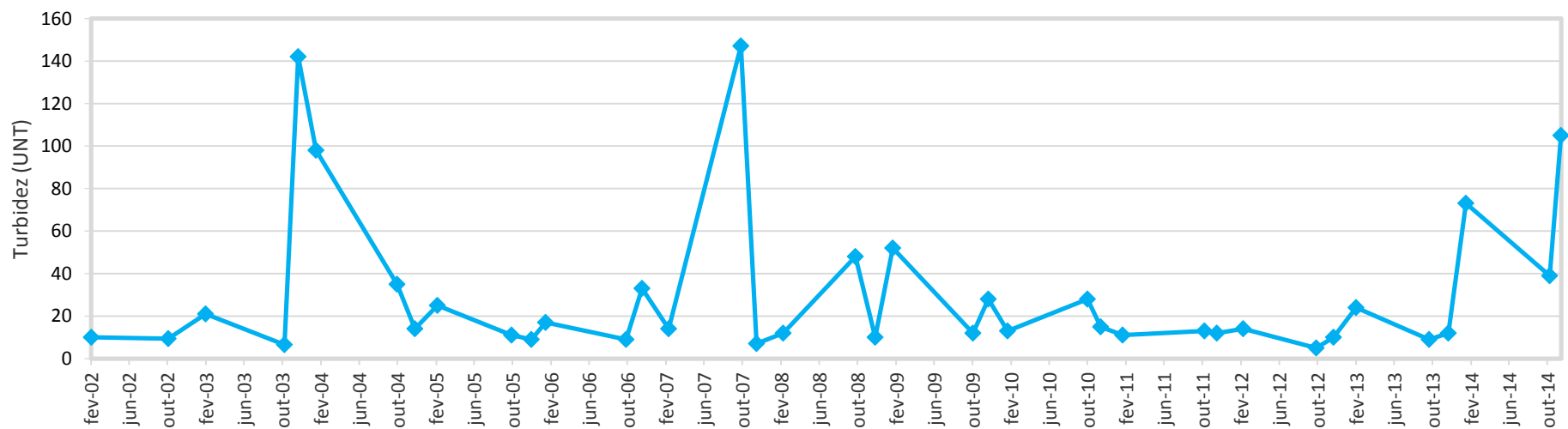


IRIS 02200 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



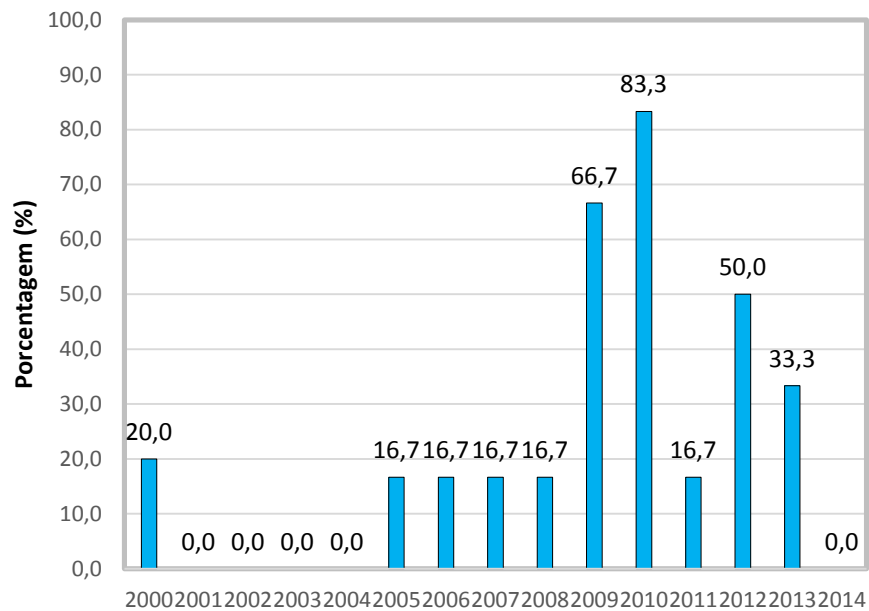
Evolução Temporal - Período Chuvoso



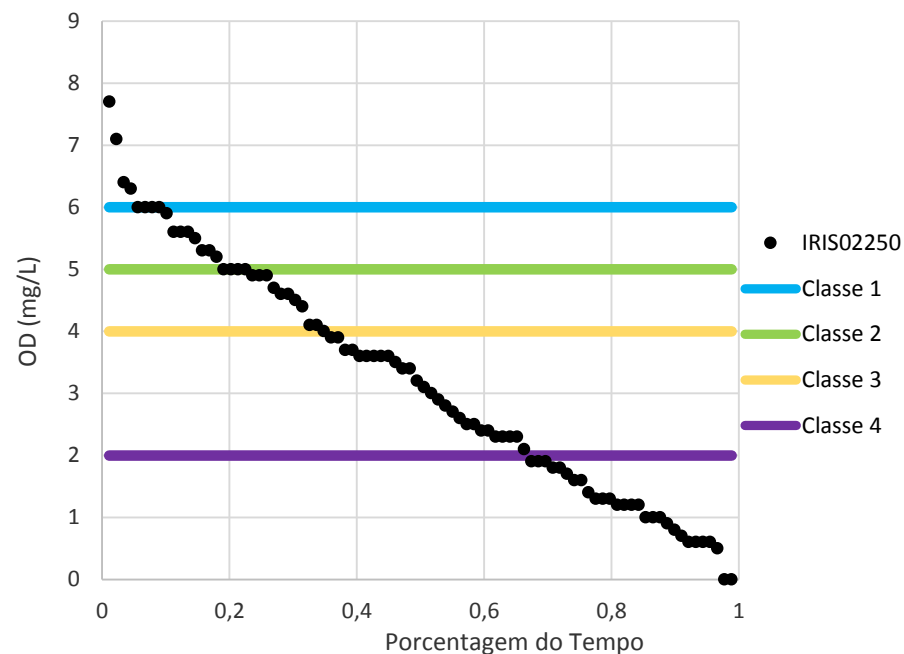
Rio Pirai
IRIS 02250

IRIS 02250 – Oxigênio Dissolvido (mg/L)

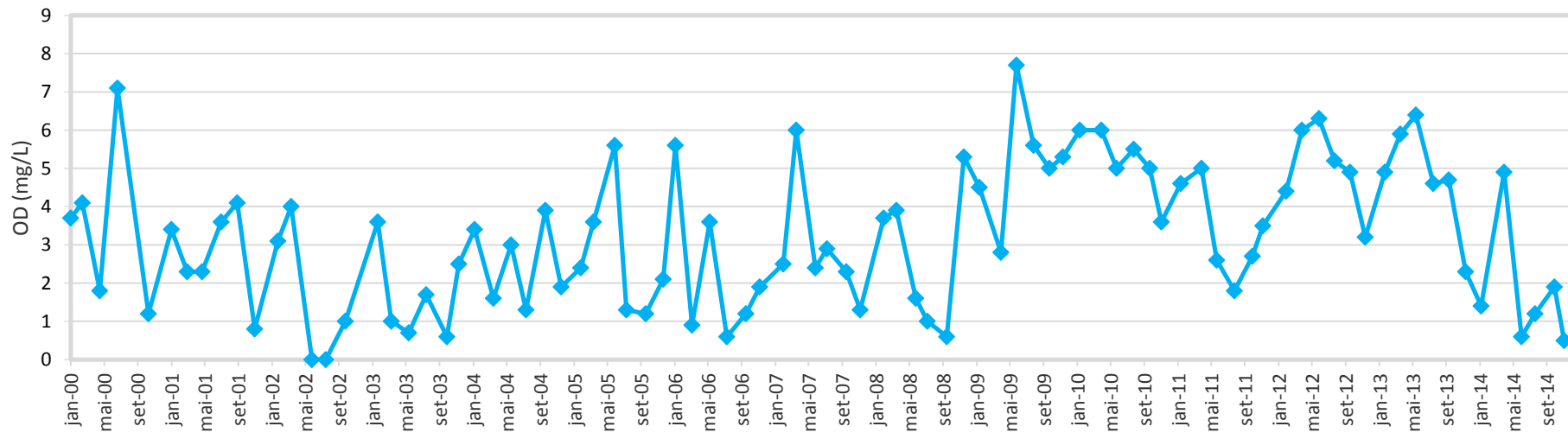
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

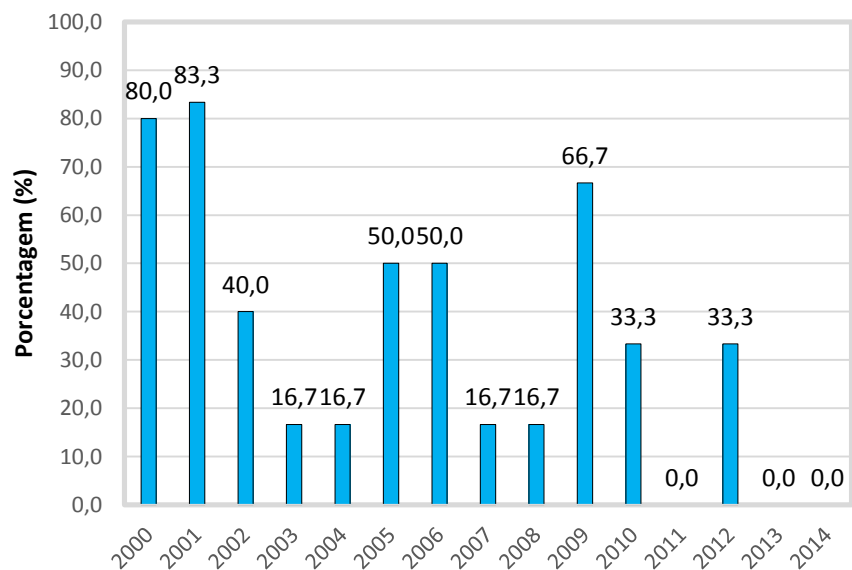


Evolução Temporal

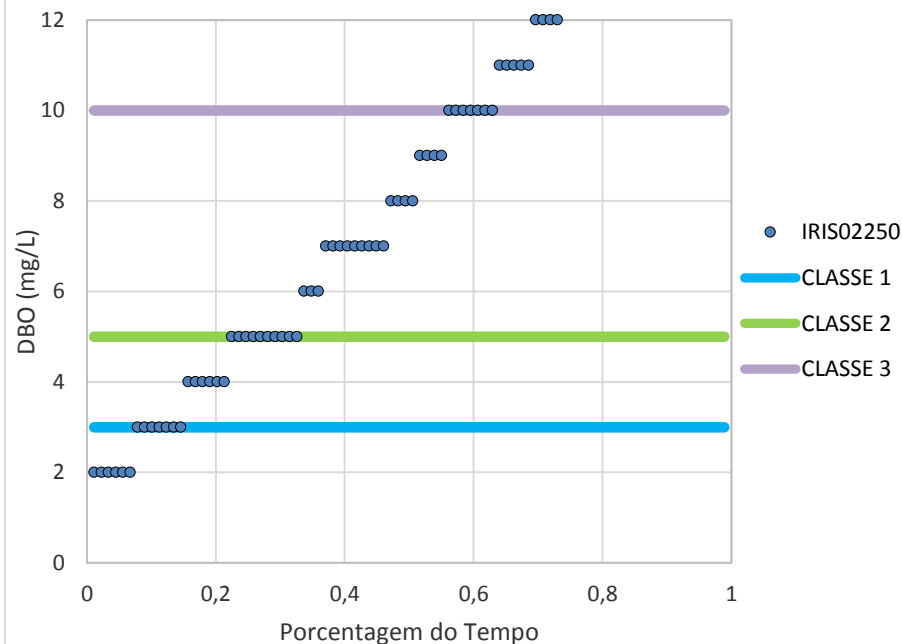


IRIS 02250 – DBO (mg/L)

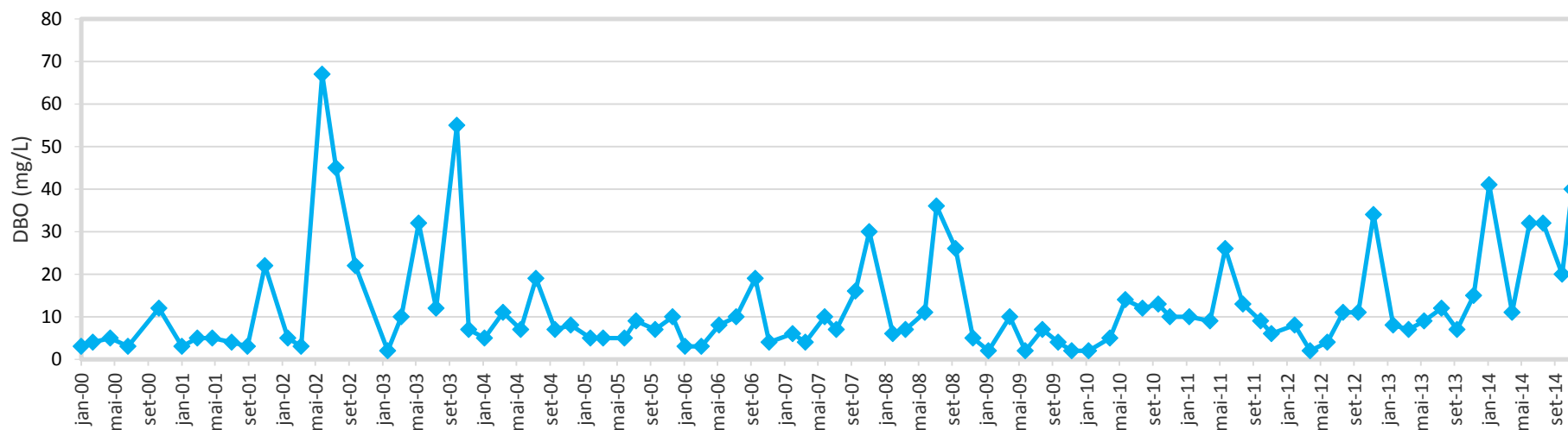
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

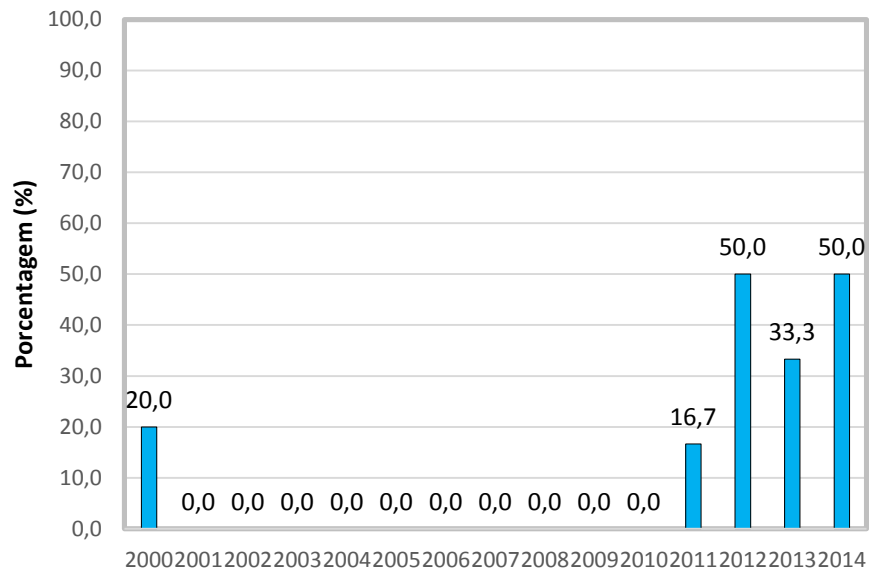


Evolução Temporal

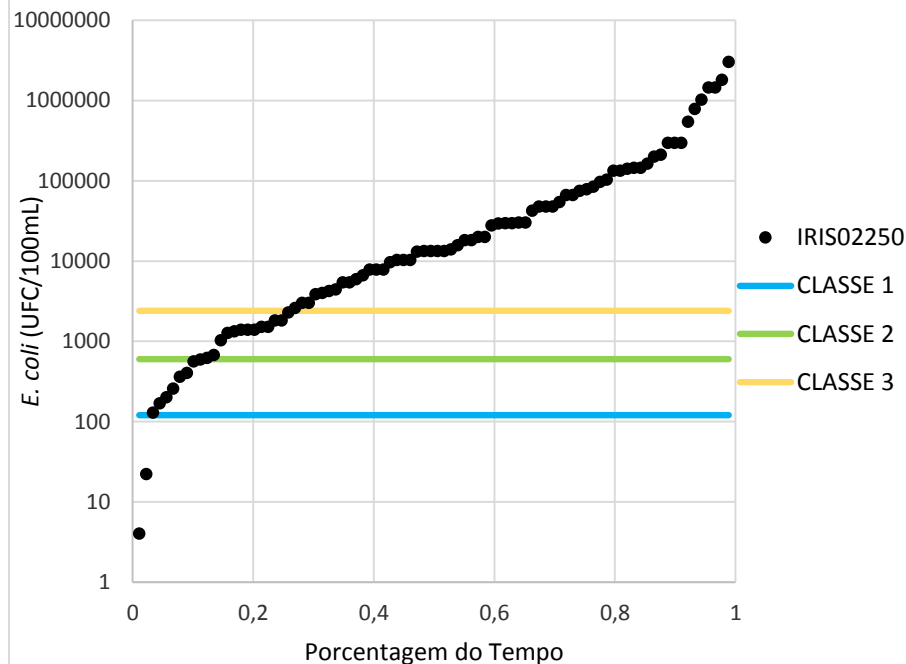


IRIS 02250 – *Escherichia coli* (UFC/100mL)

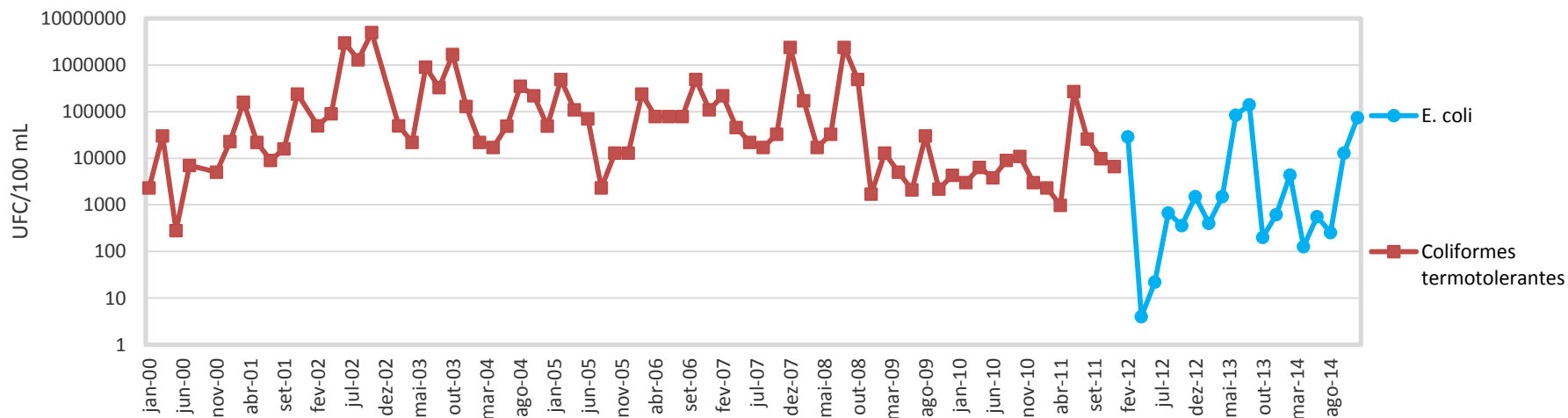
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

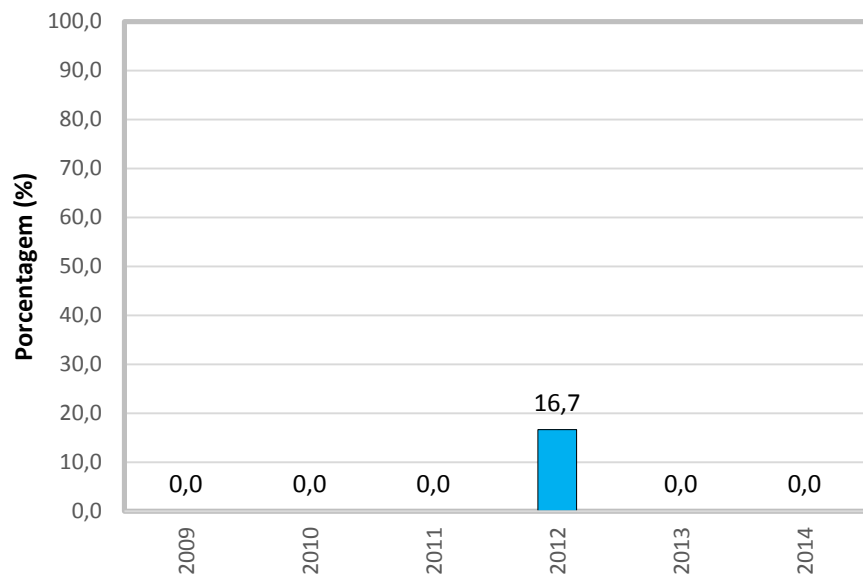


Evolução Temporal

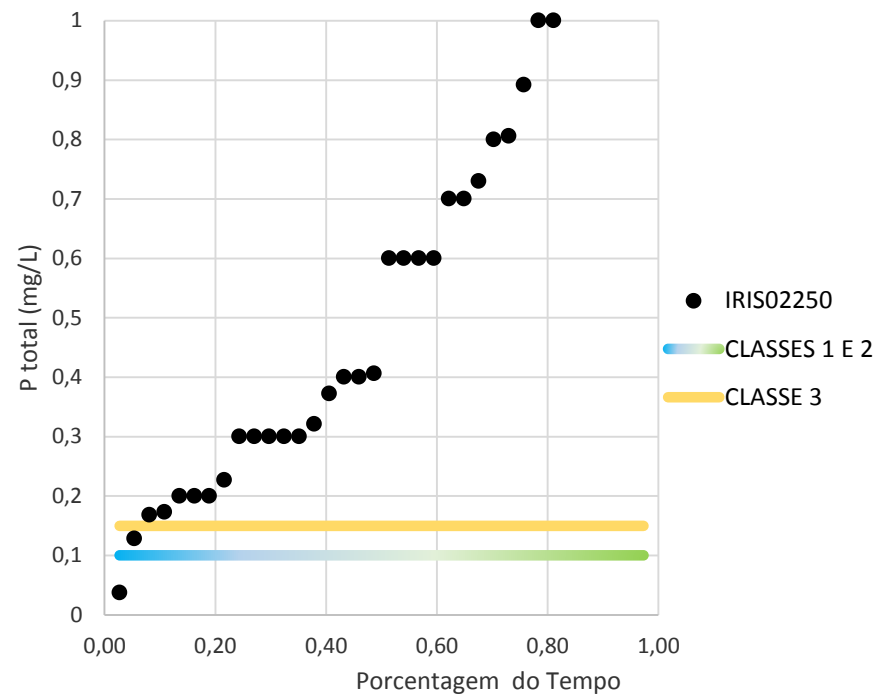


IRIS 02250 – Fósforo Total (mg/L)

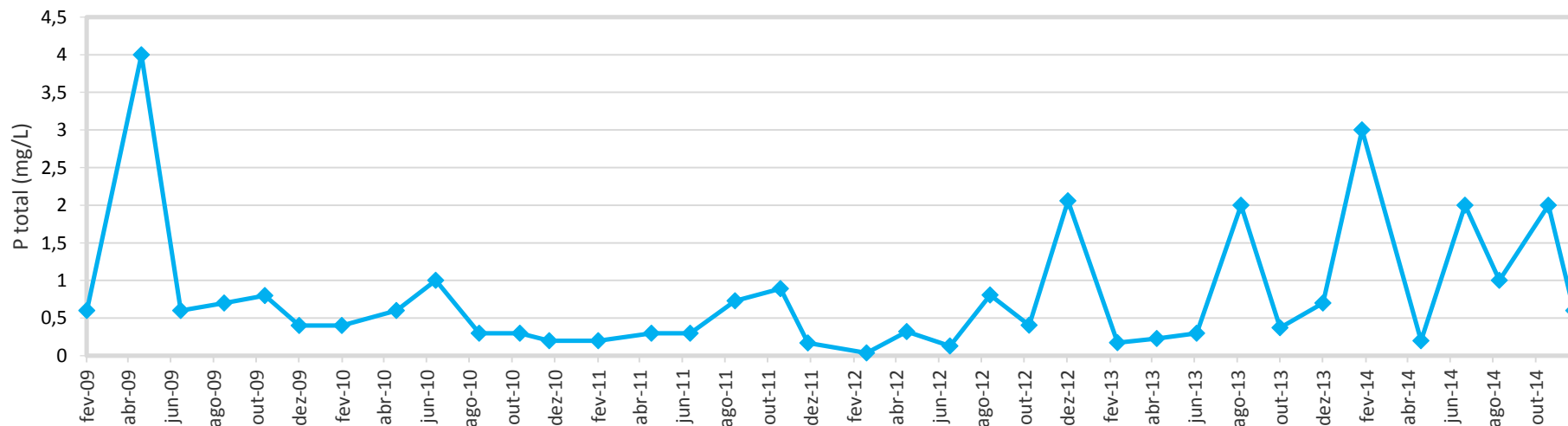
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

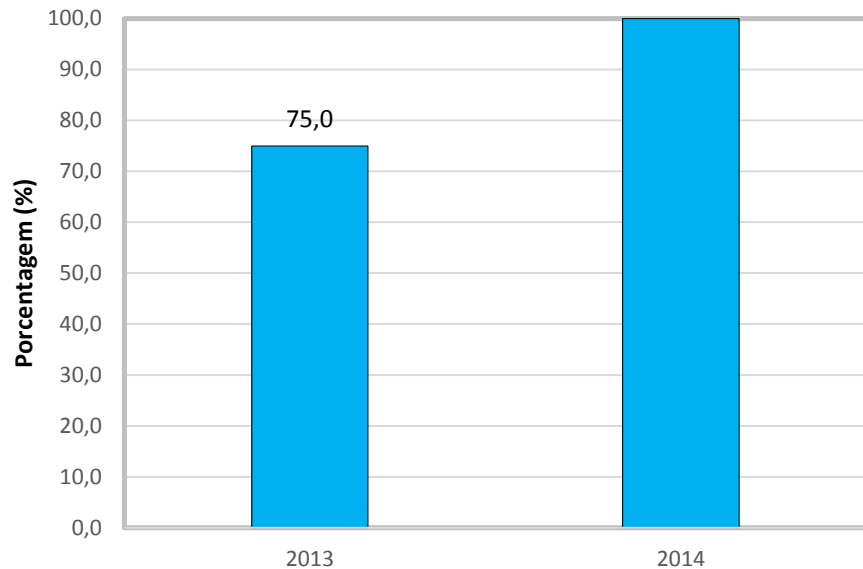


Evolução Temporal

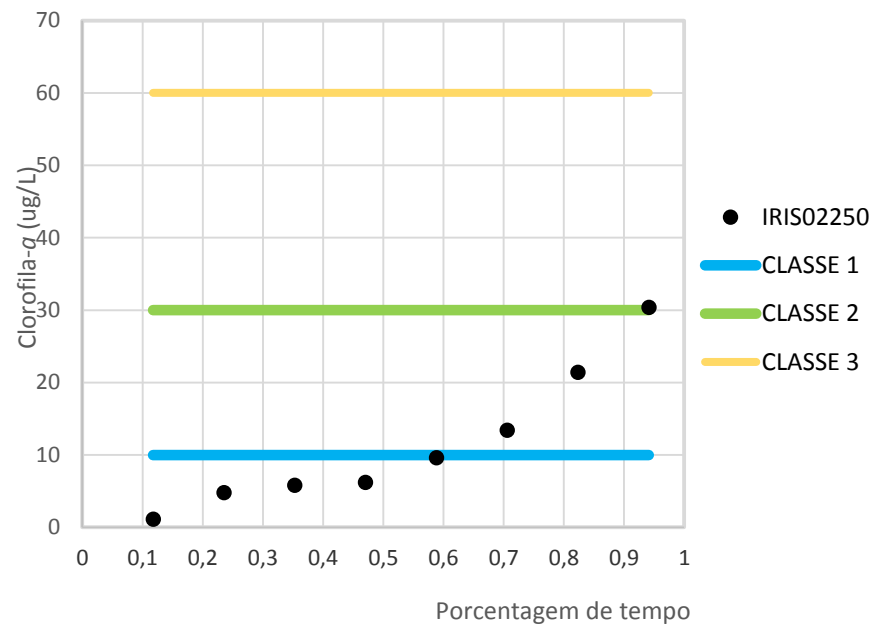


IRIS 02250 – Clorofila-*a* (µg/L)

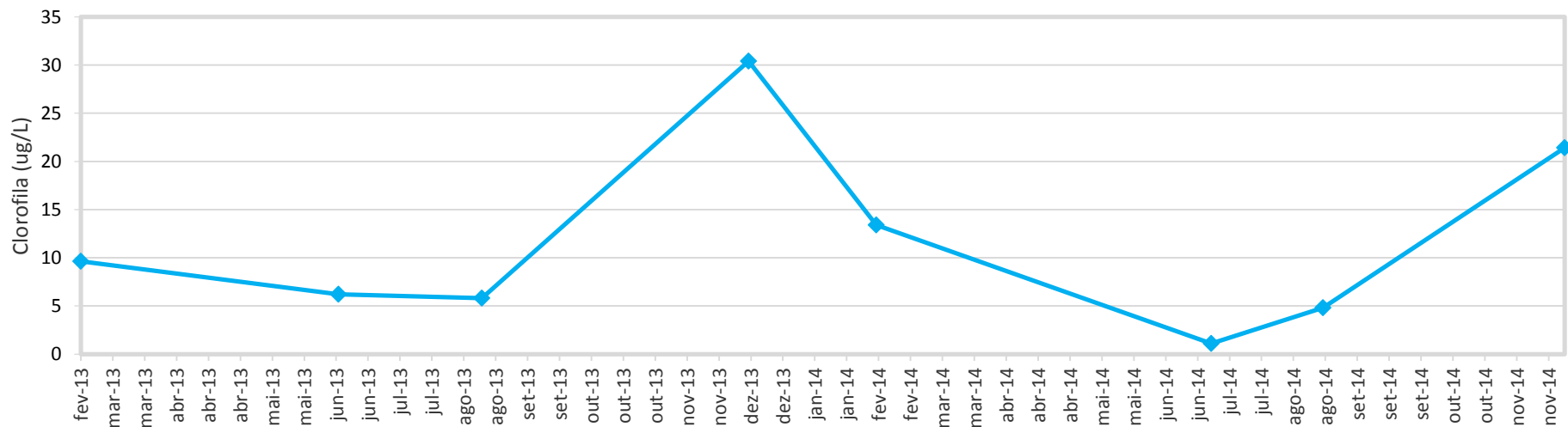
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

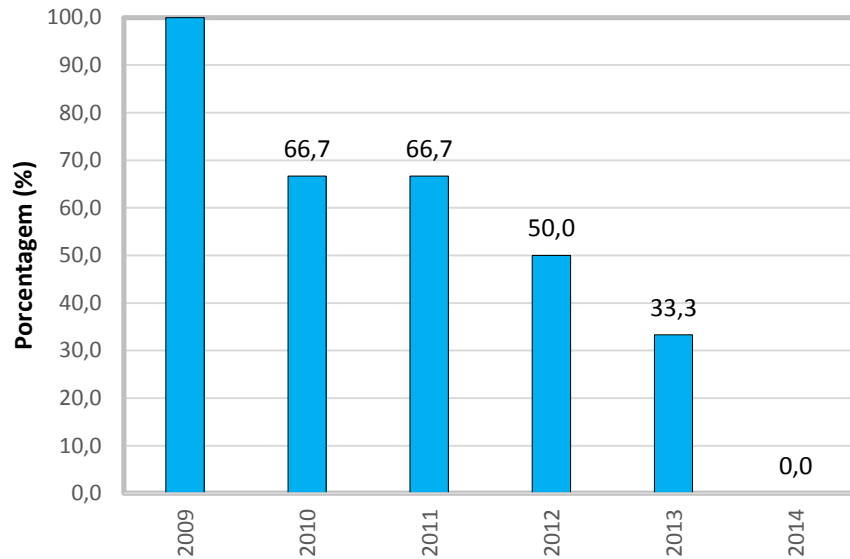


Evolução Temporal

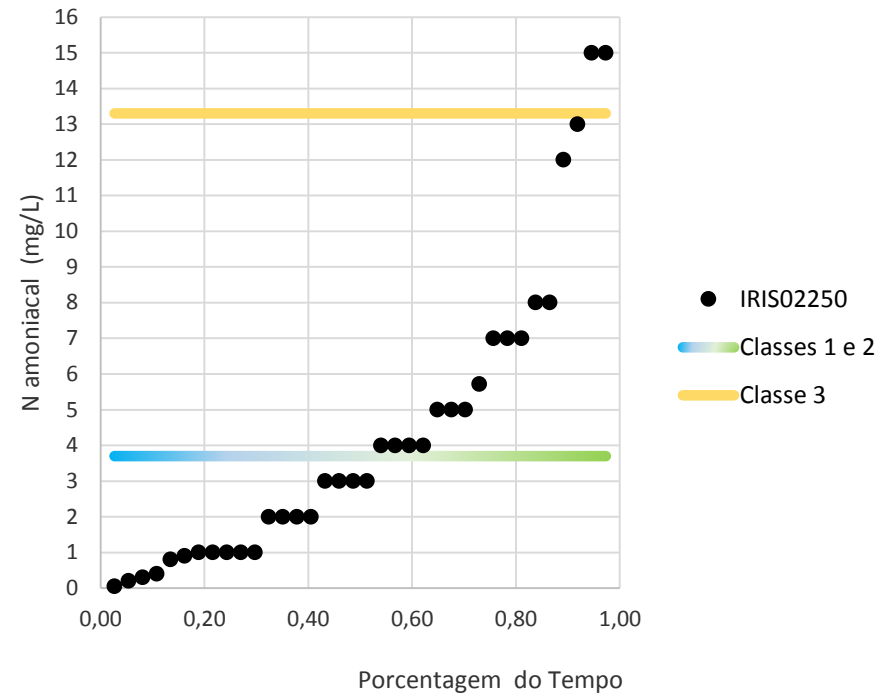


IRIS 02250 – Nitrogênio Amoniacal (mg/L)

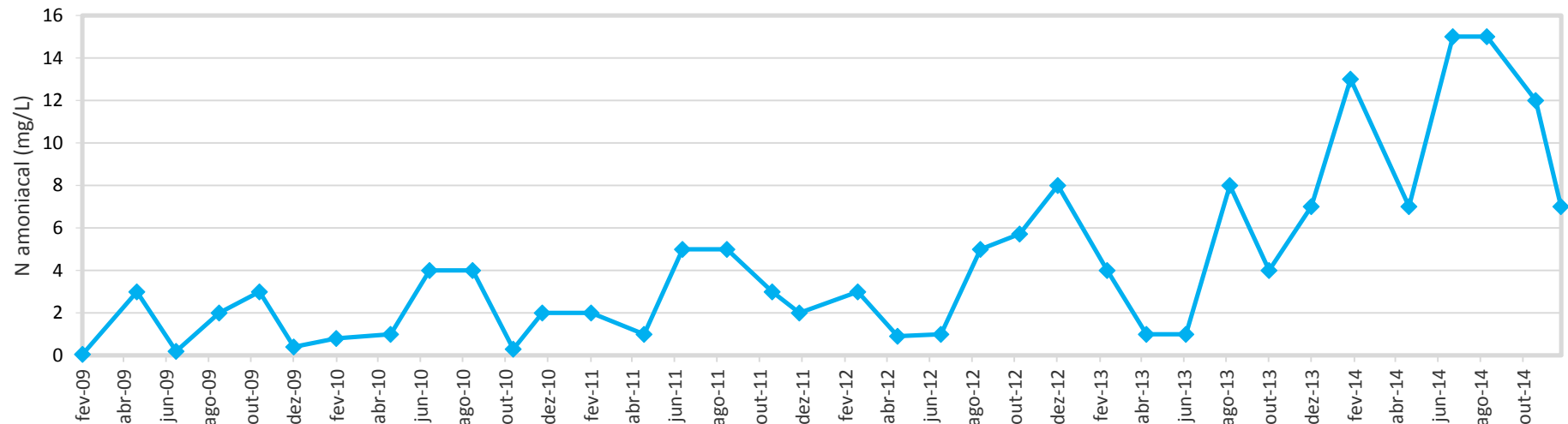
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

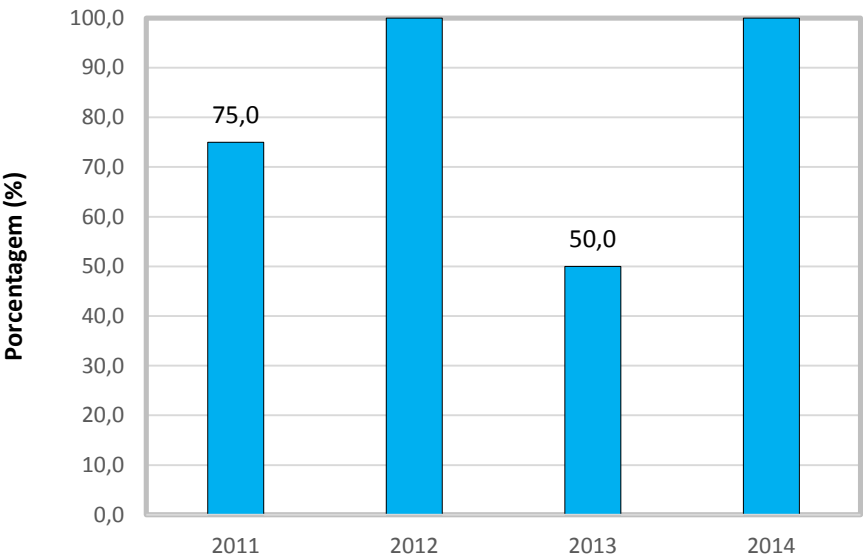


Evolução Temporal

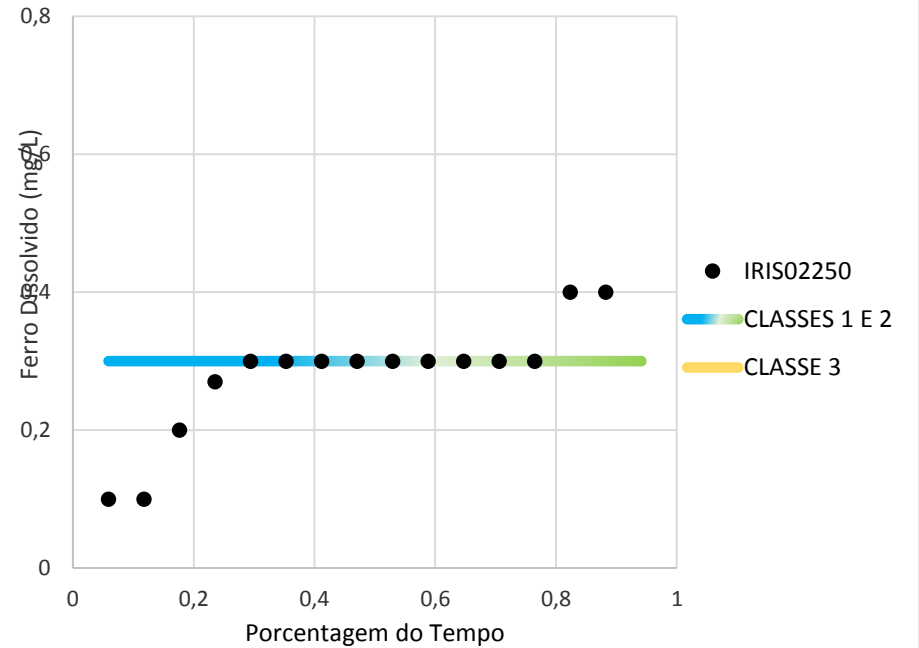


IRIS 02250 – Ferro Dissolvido (mg/L)

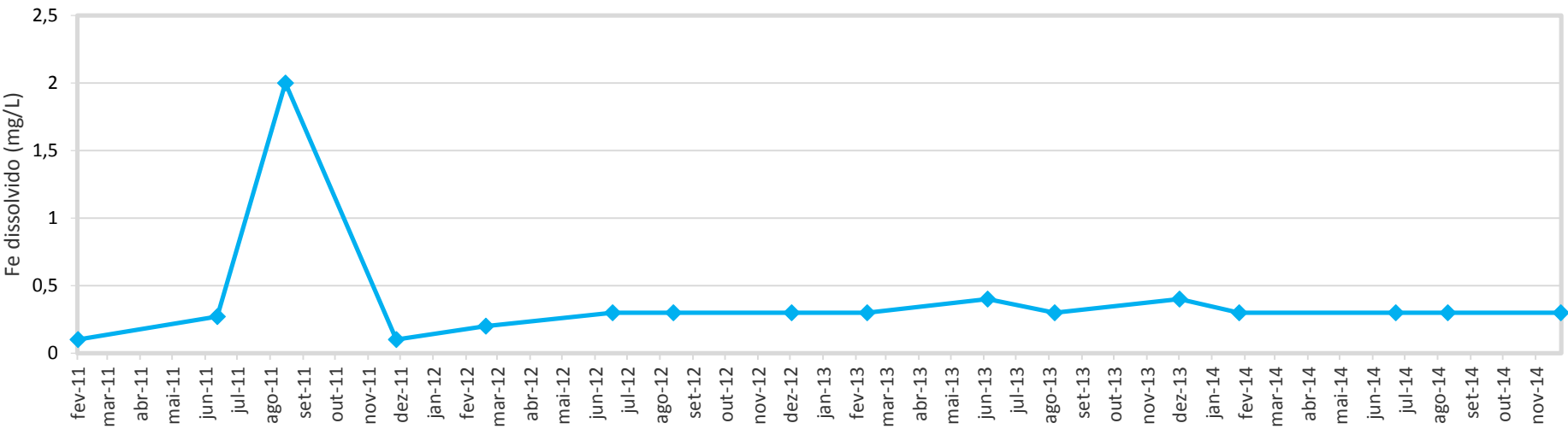
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

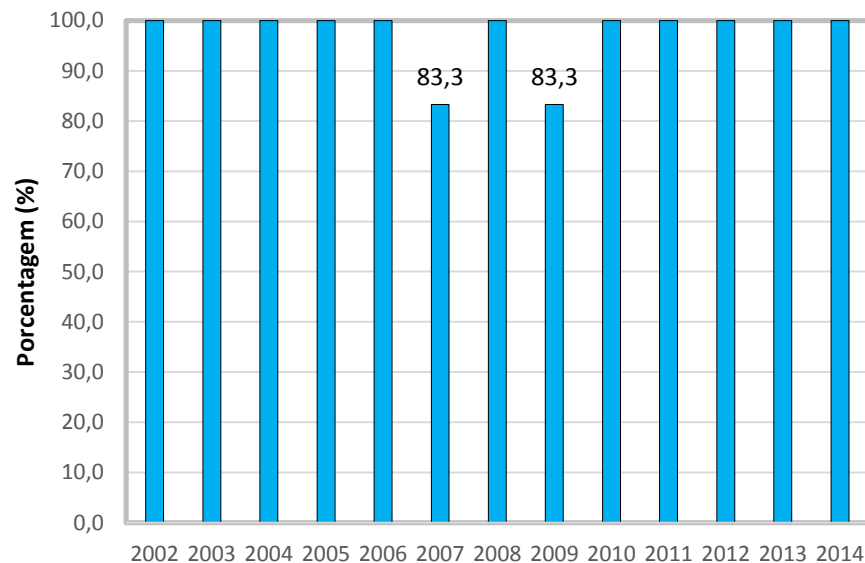


Evolução Temporal

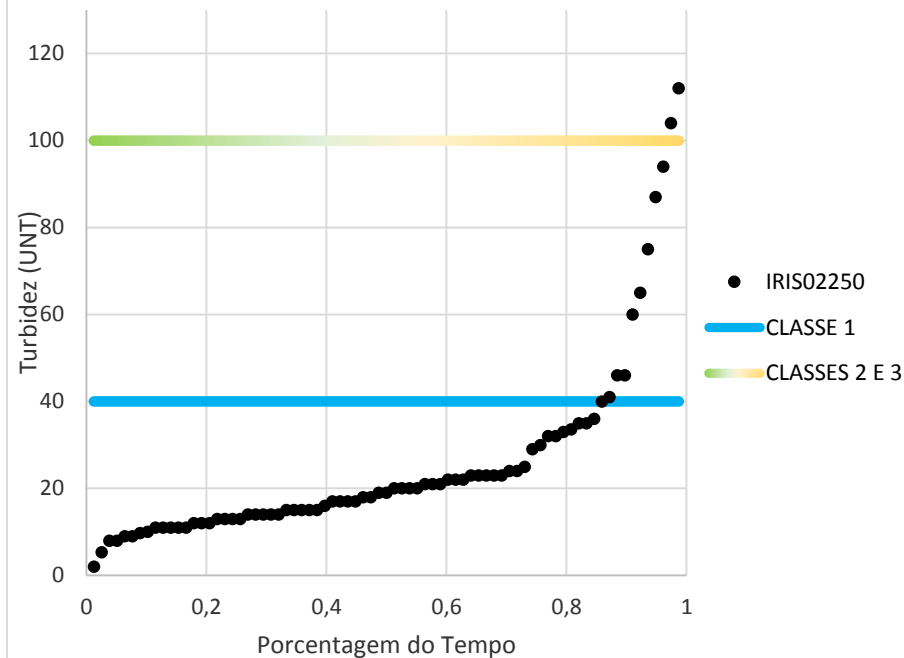


IRIS 02250 – Turbidez (UNT)

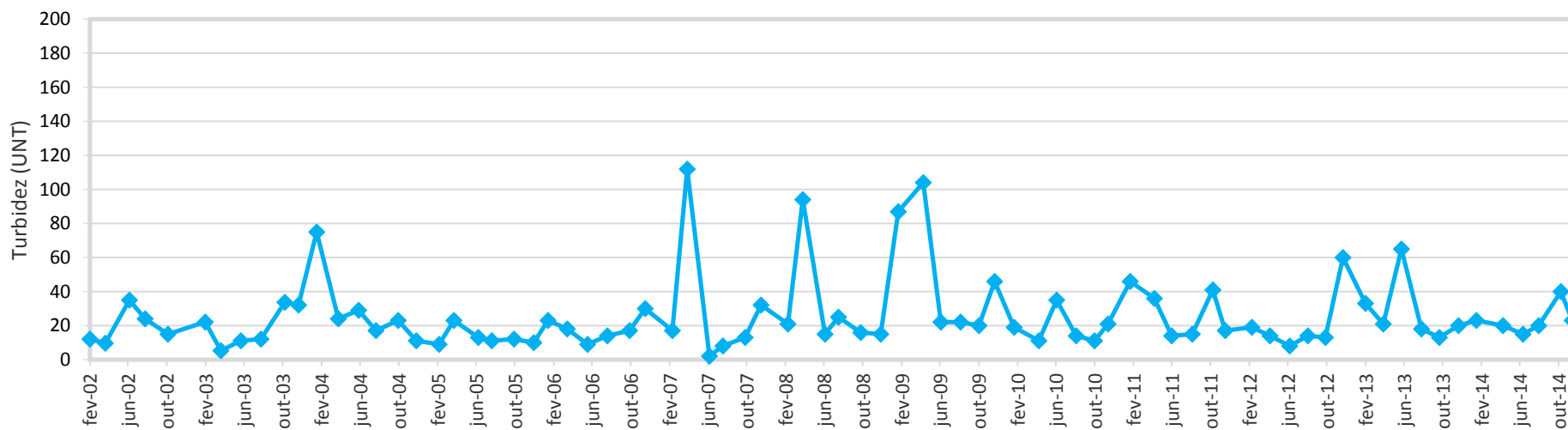
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

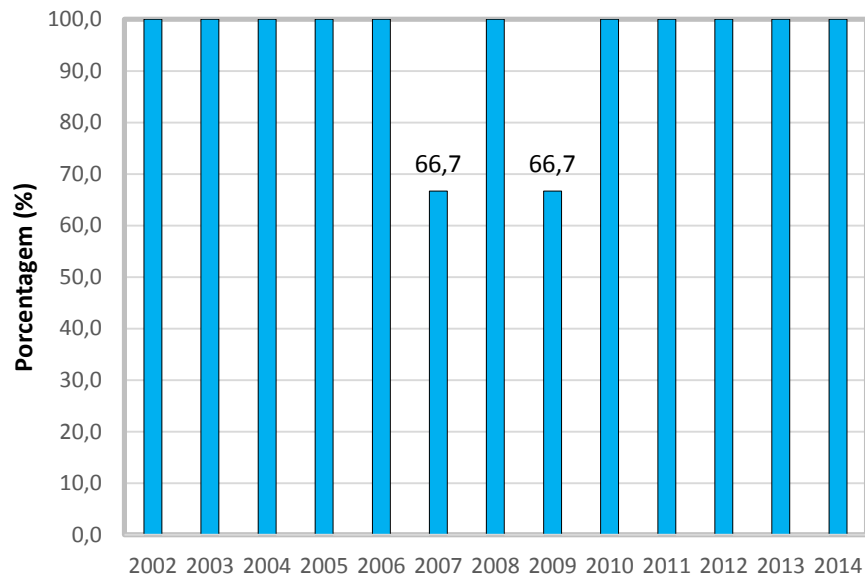


Evolução Temporal

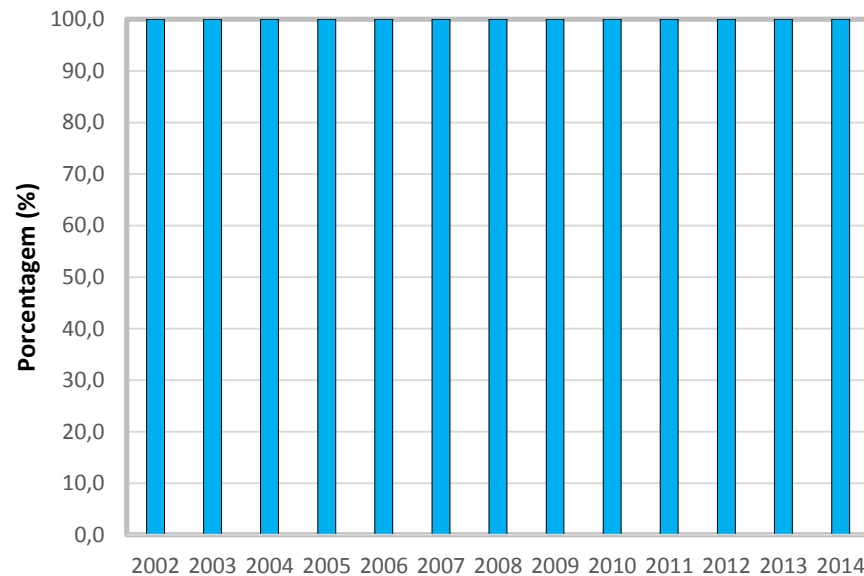


IRIS 02250 – Turbidez (Período Seco x Período Chuvoso)

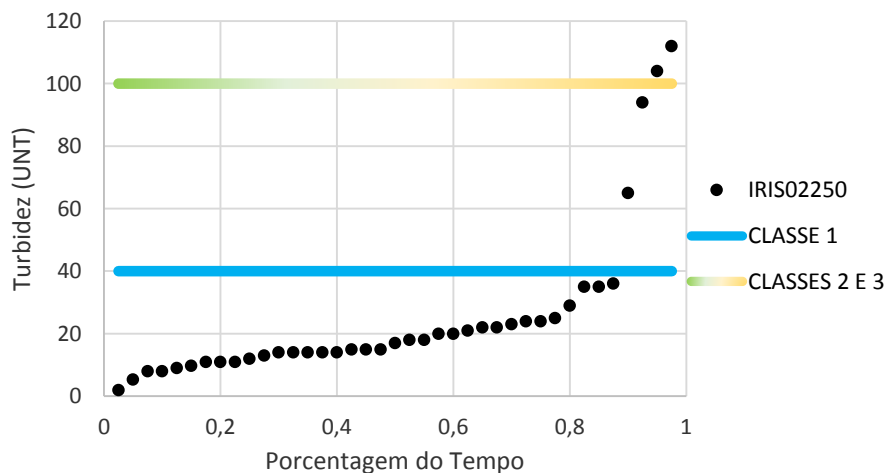
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



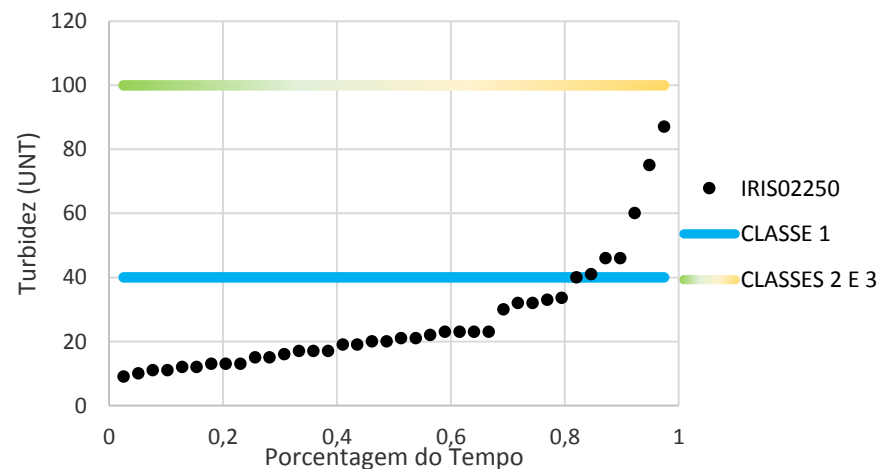
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

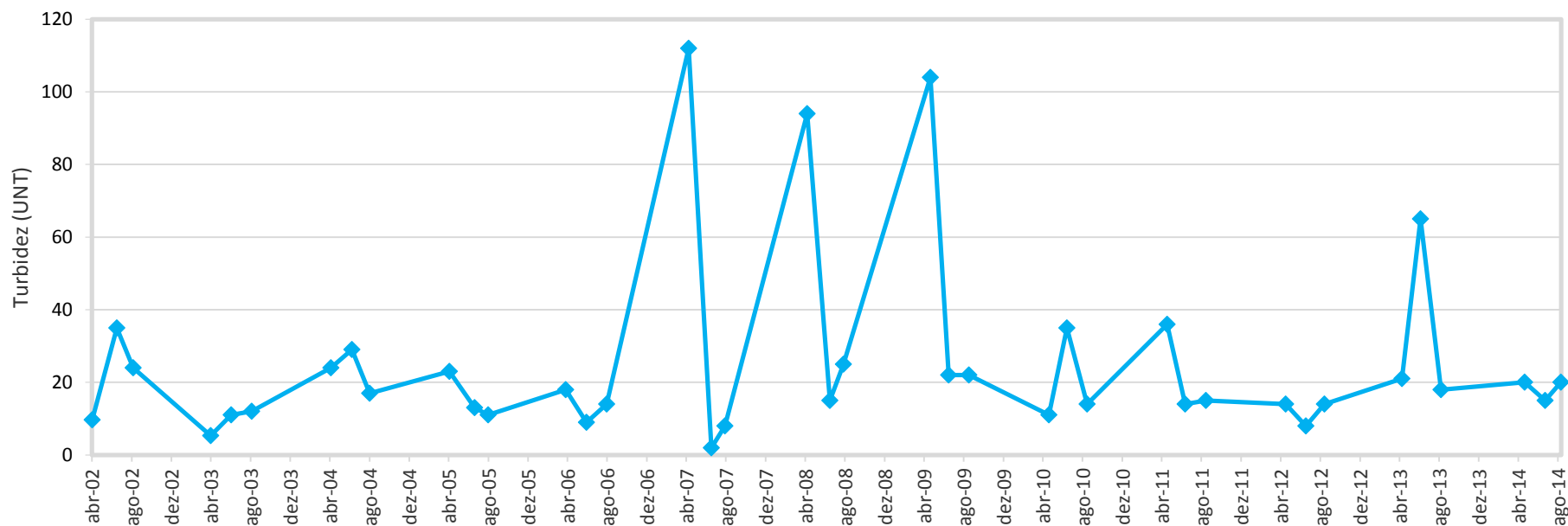


Curva de Permanência- Turbidez
(Período Chuvoso)

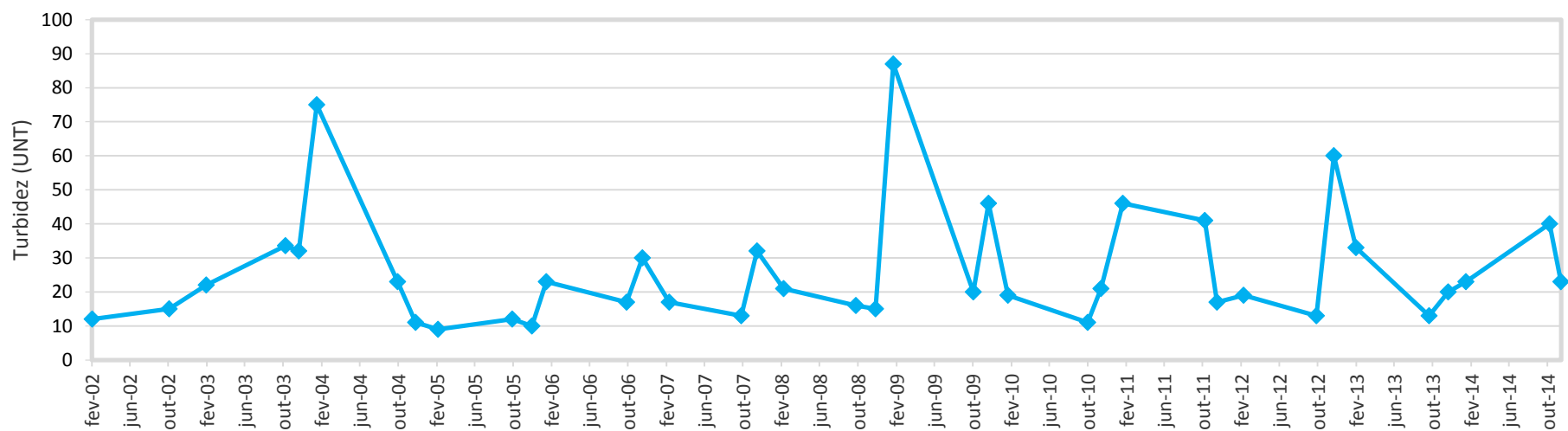


IRIS 02250 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



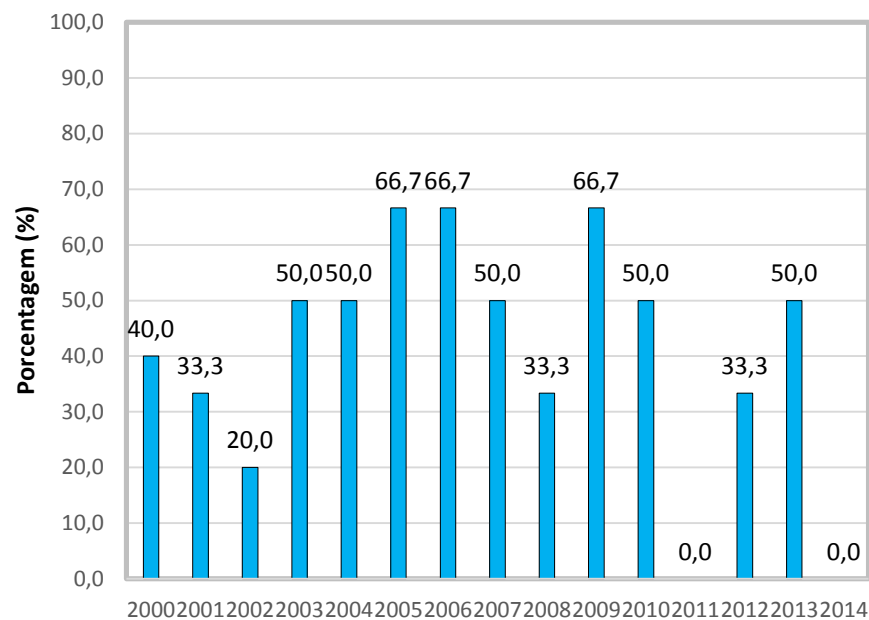
Evolução Temporal - Período Chuvoso



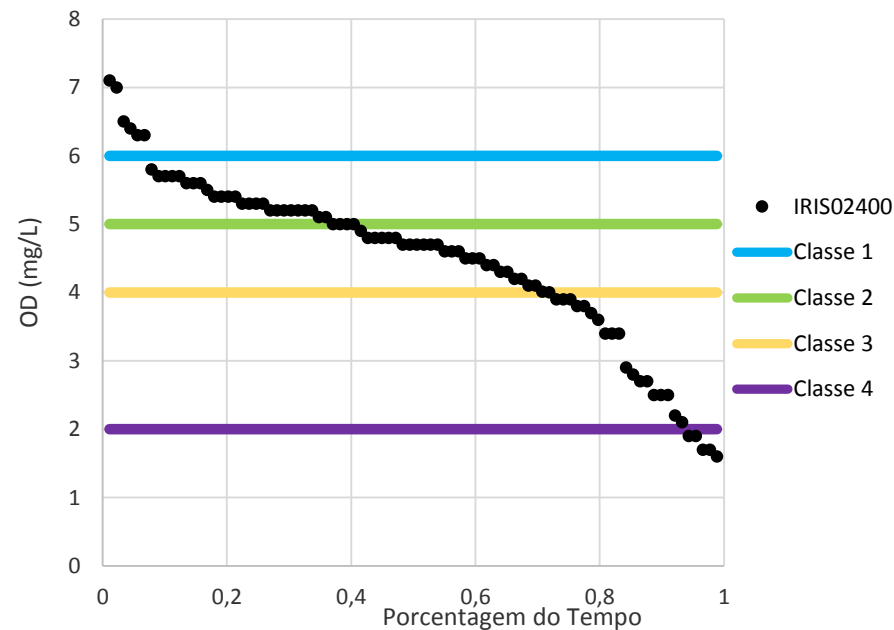
Rio Pirai
IRIS 02400

IRIS 02400 – Oxigênio Dissolvido (mg/L)

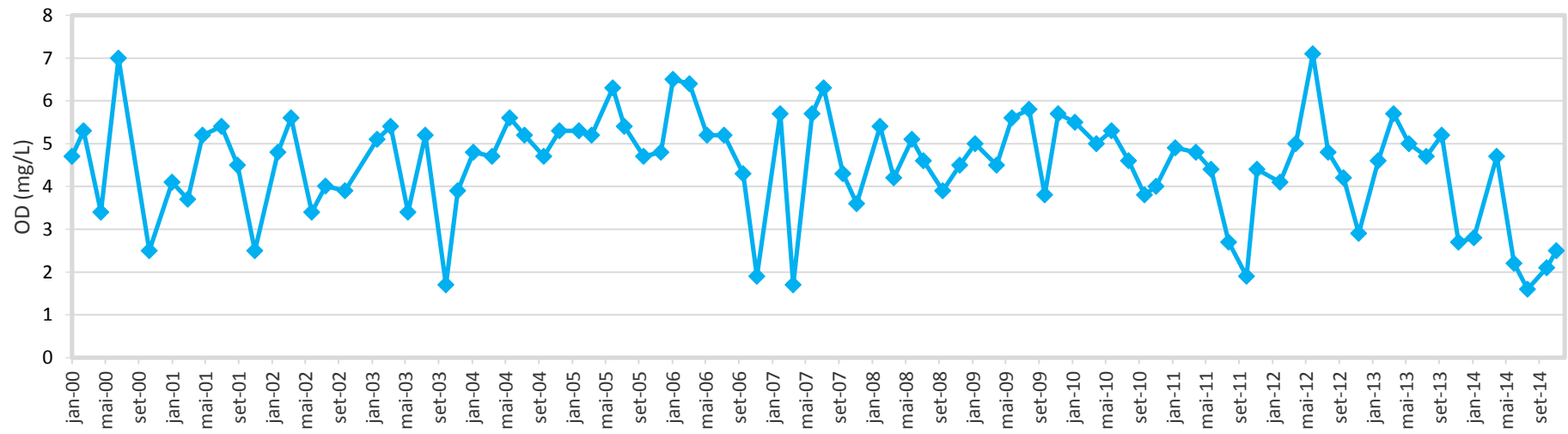
Porcentagem de Atendimento ao Padrão Classe 2 - OD



Curva de Permanência

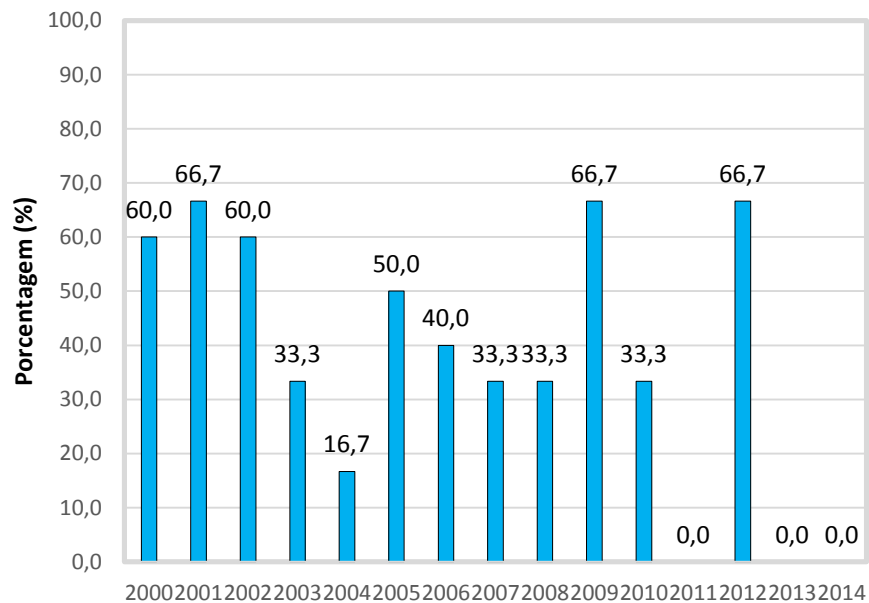


Evolução Temporal

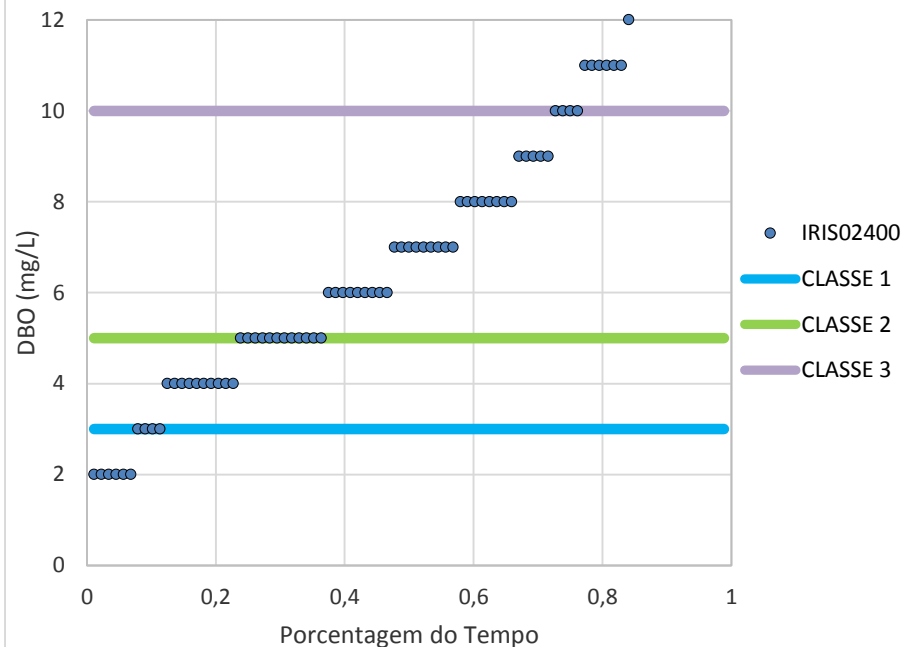


IRIS 02400 – DBO (mg/L)

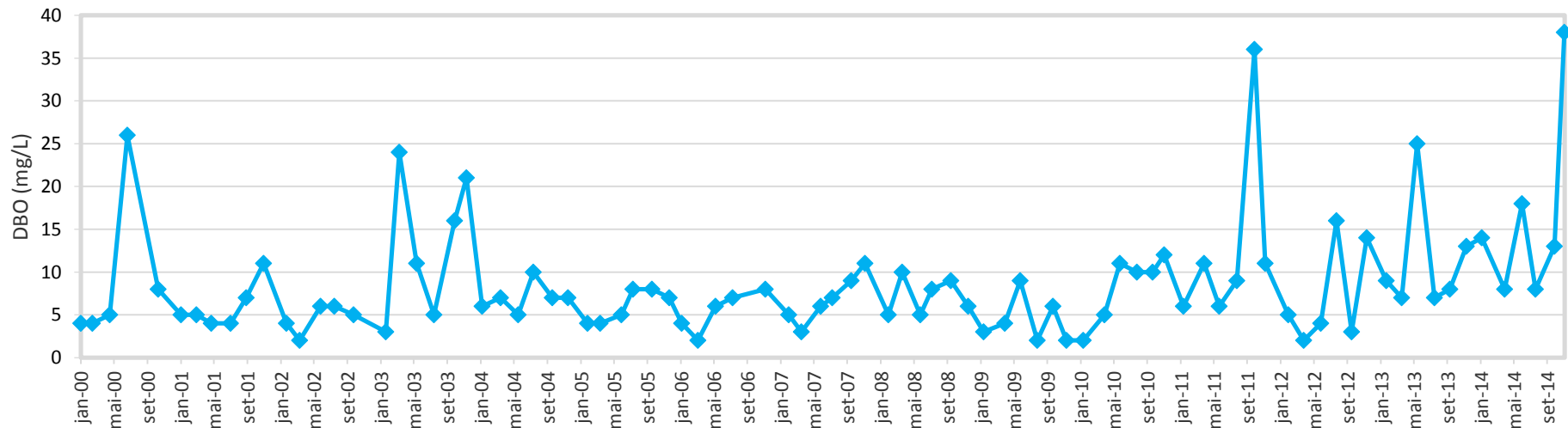
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

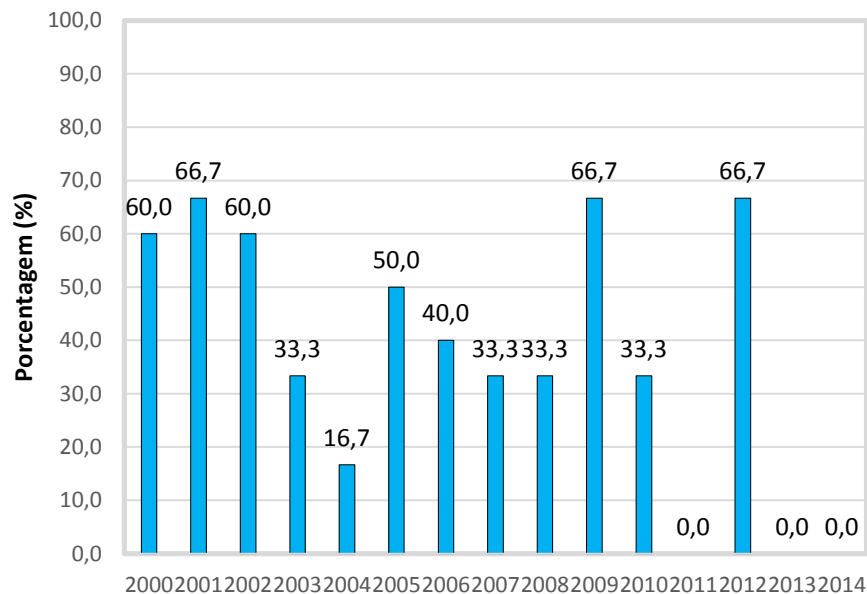


Evolução Temporal

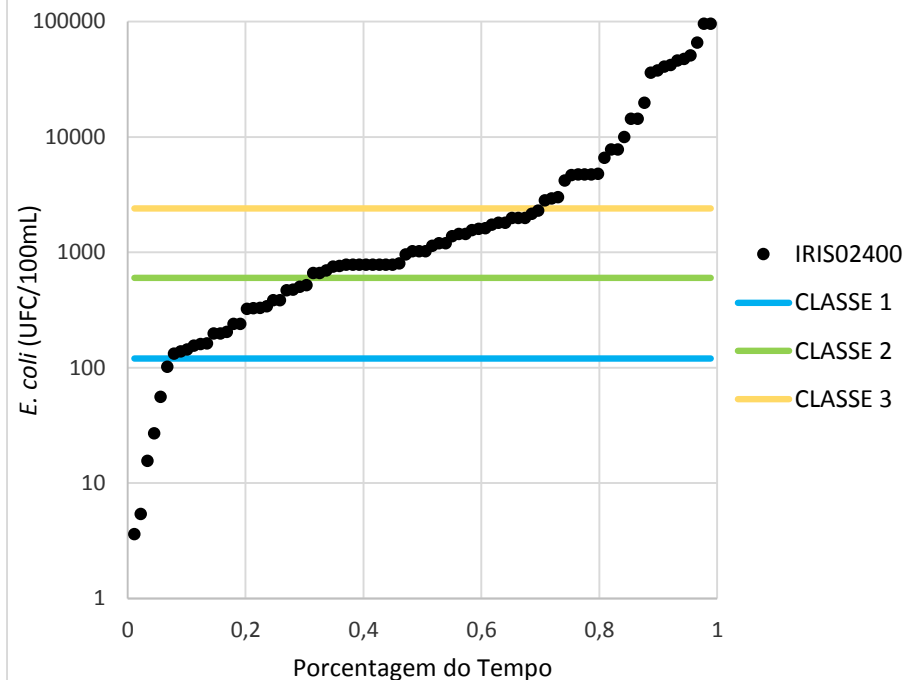


IRIS 02400 – *Escherichia coli* (UFC/100mL)

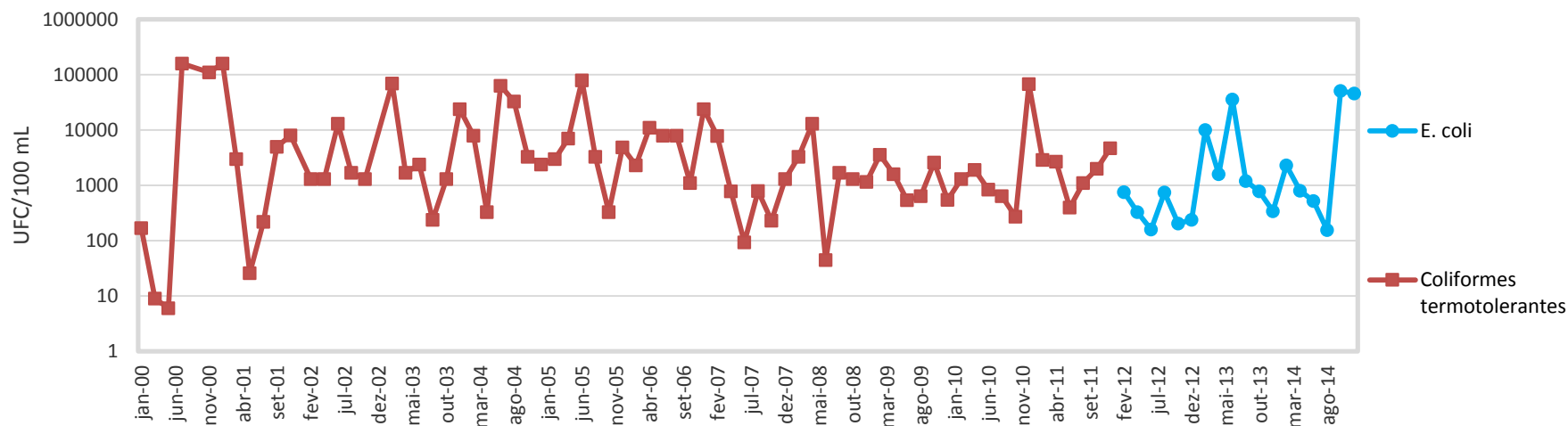
Porcentagem de Atendimento ao Padrão Classe 2 - DBO



Curva de Permanência

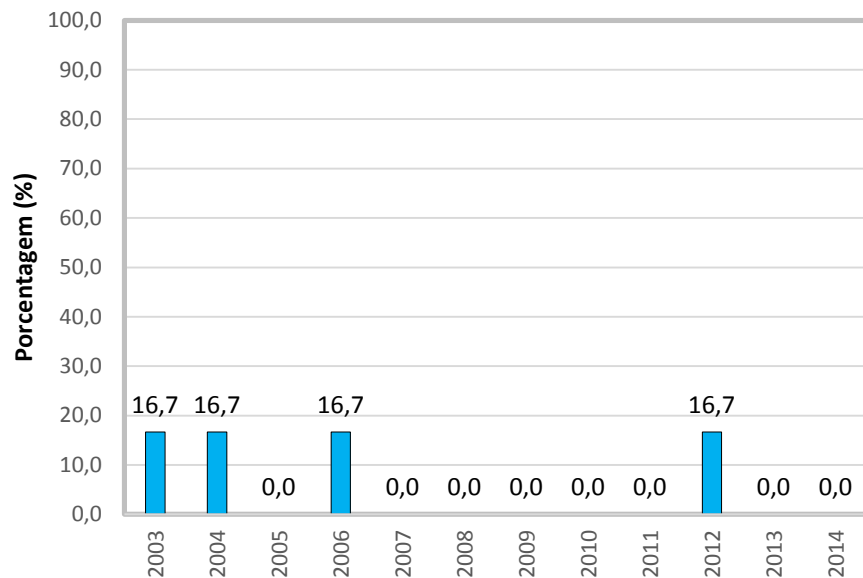


Evolução Temporal

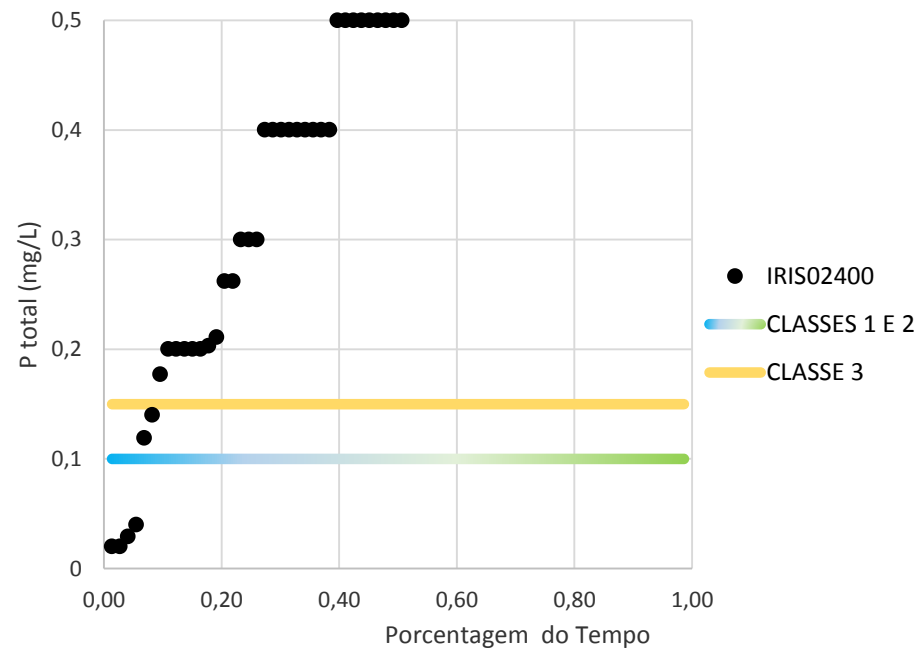


IRIS 02400 – Fósforo Total (mg/L)

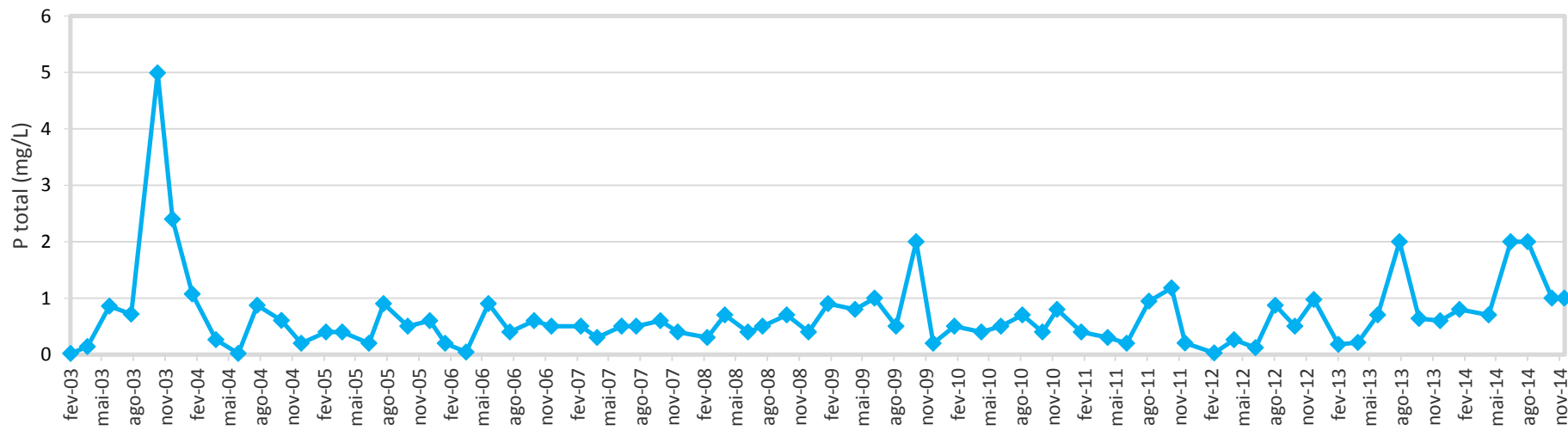
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

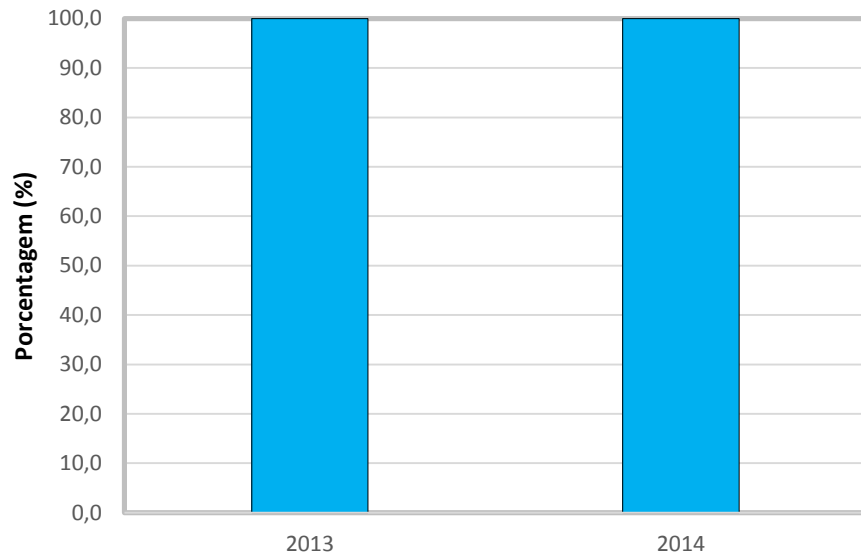


Evolução Temporal

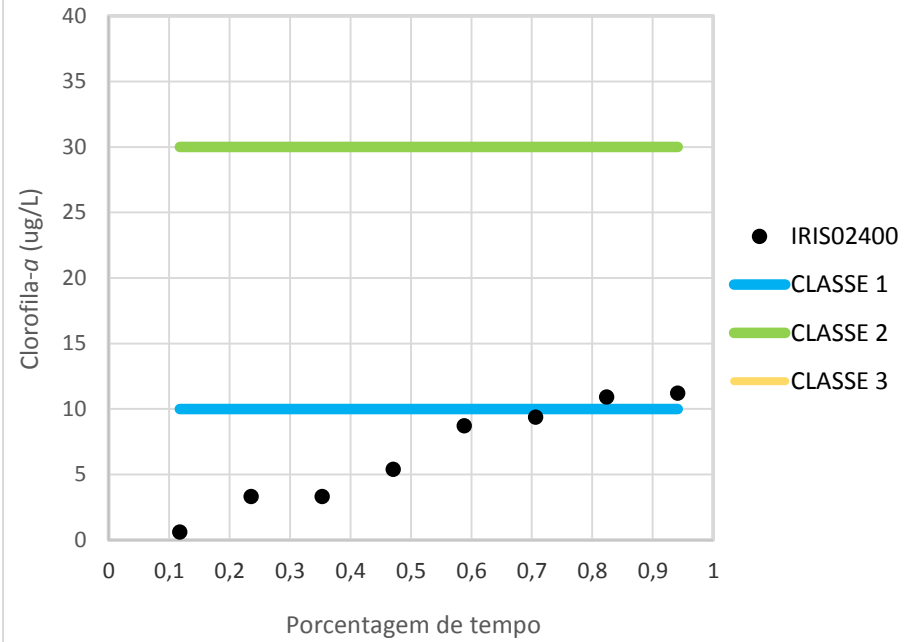


IRIS 02400 – Clorofila-*a* (µg/L)

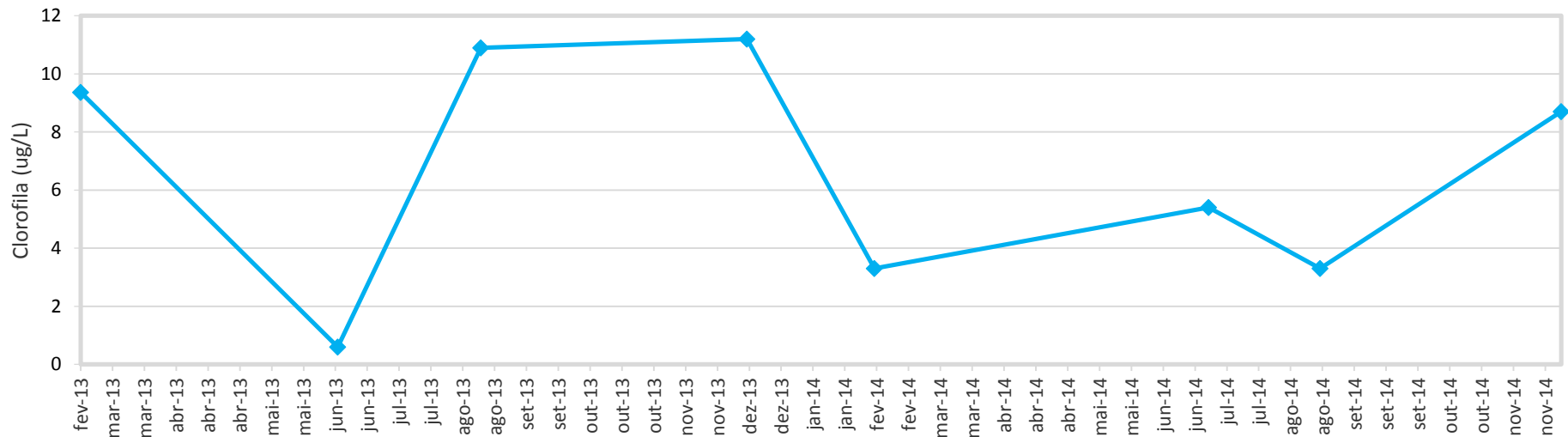
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

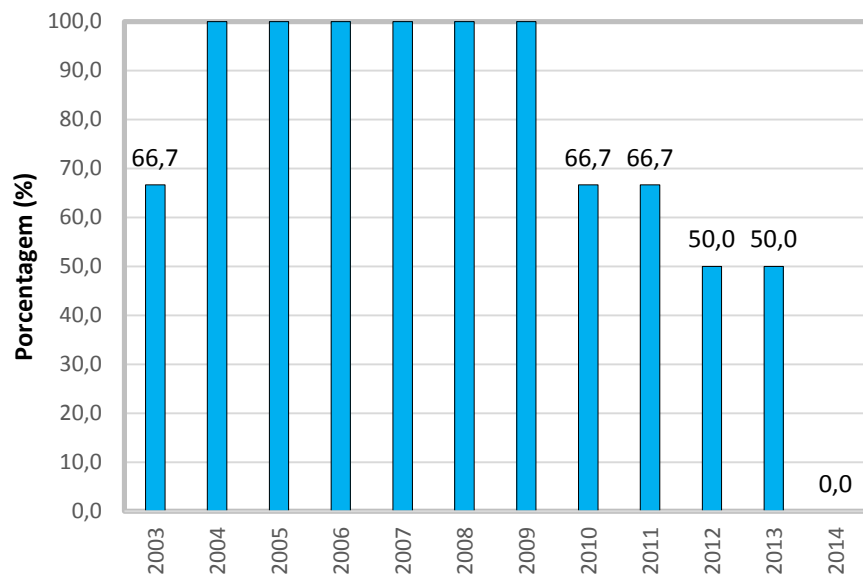


Evolução Temporal

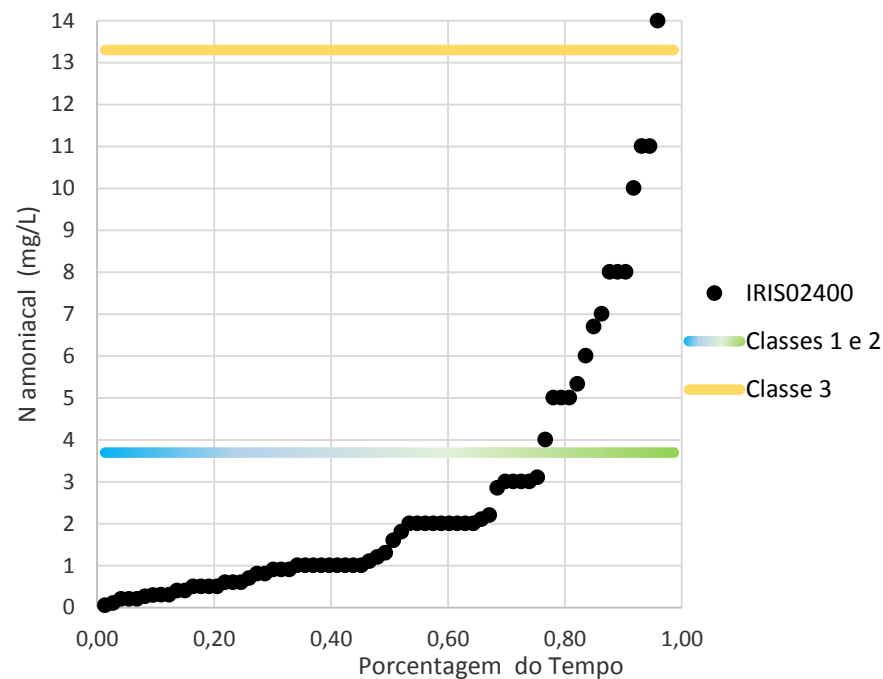


IRIS 02400 – Nitrogênio Amoniacal (mg/L)

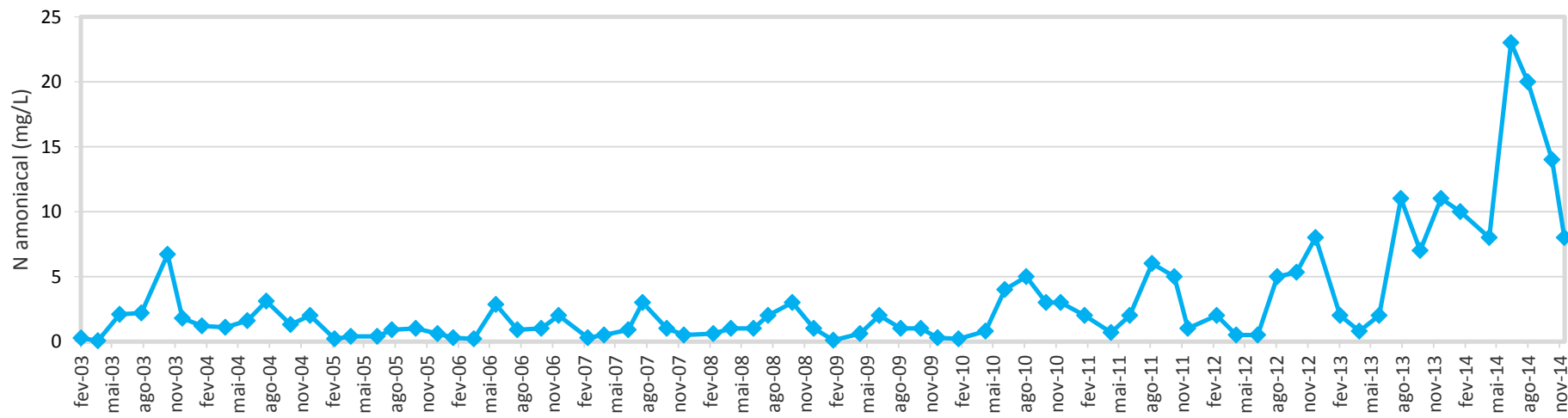
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

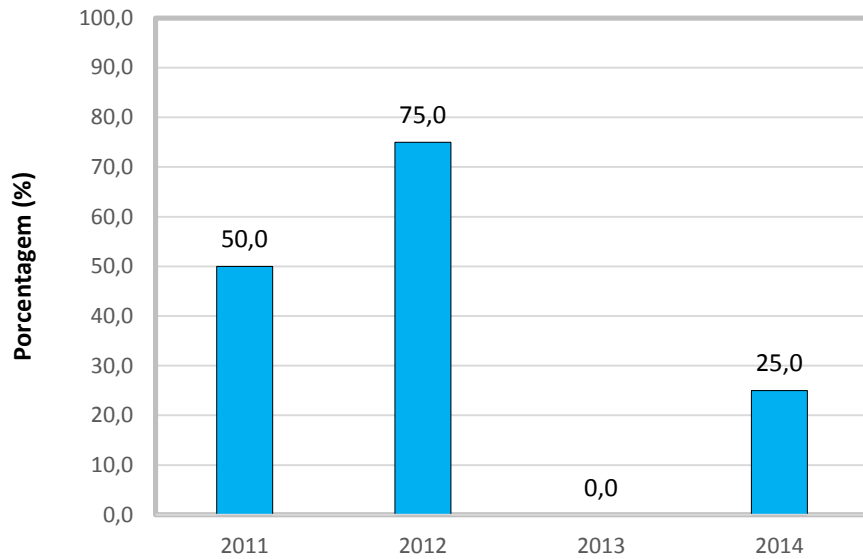


Evolução Temporal

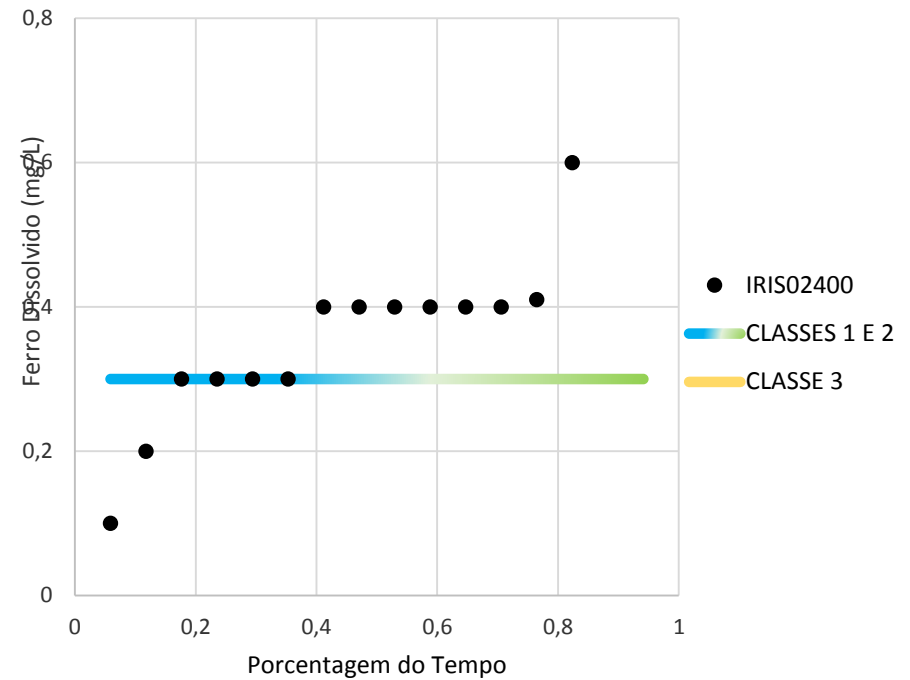


IRIS 02400 – Ferro Dissolvido (mg/L)

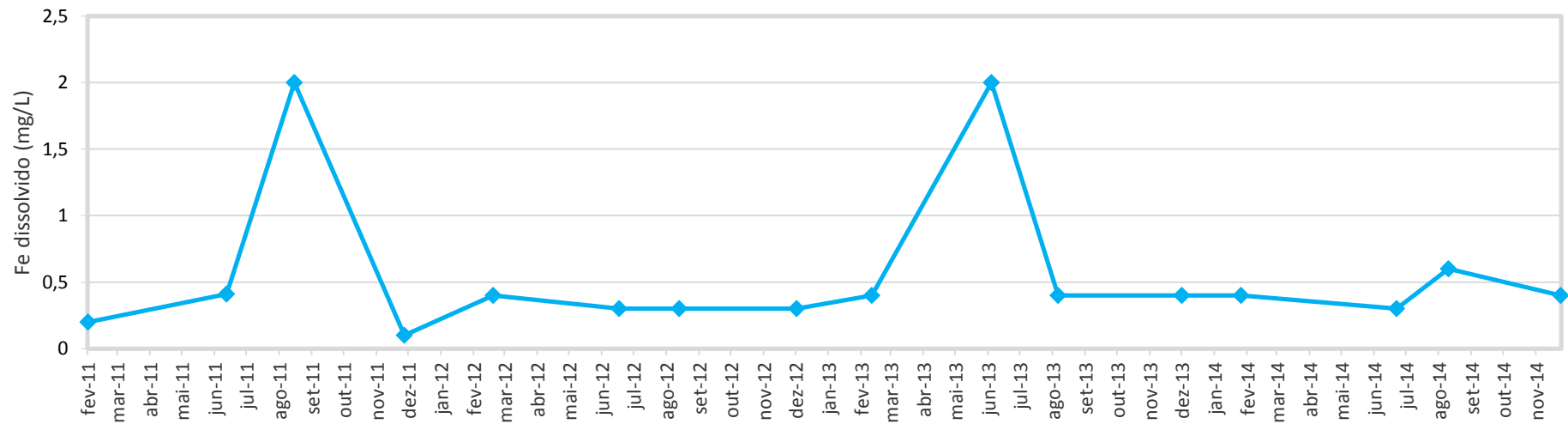
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

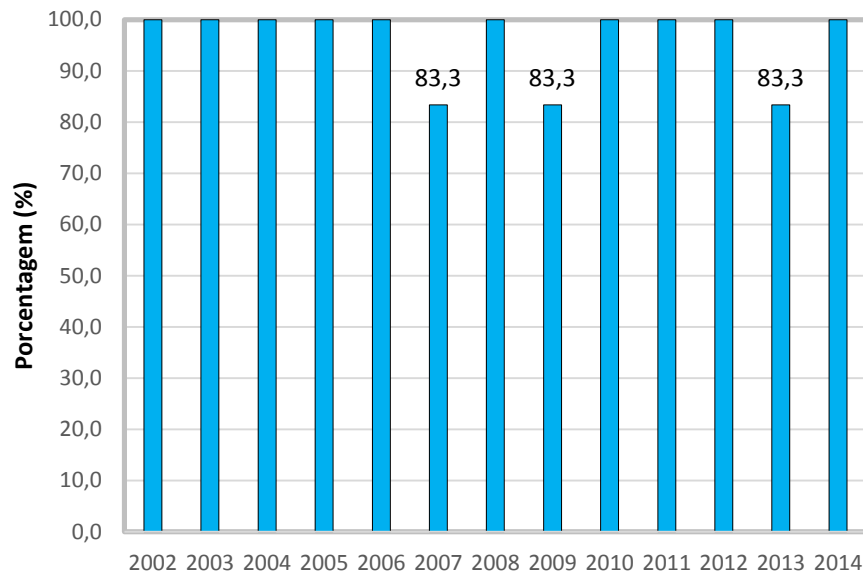


Evolução Temporal

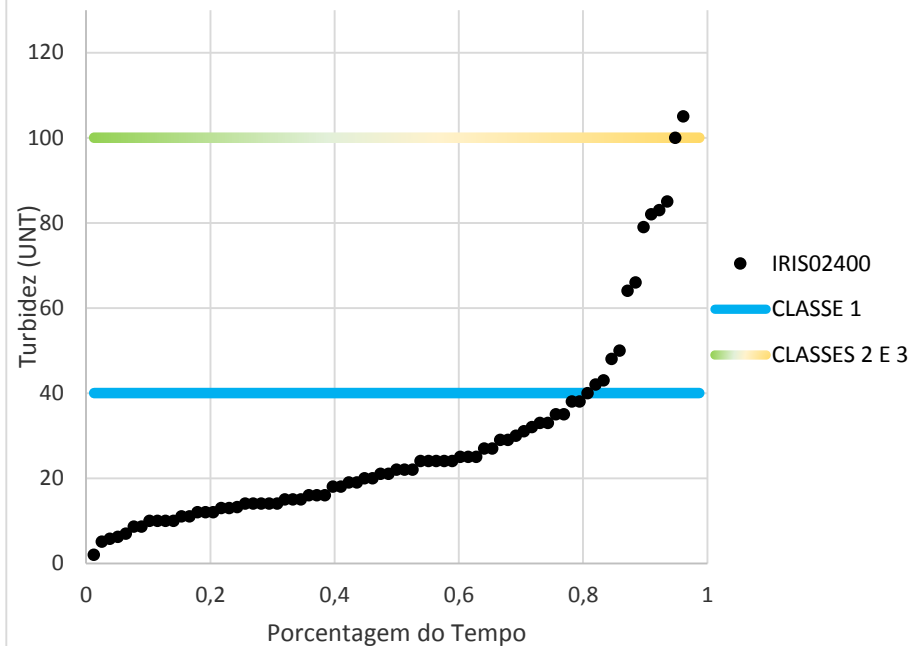


IRIS 02400 – Turbidez (UNT)

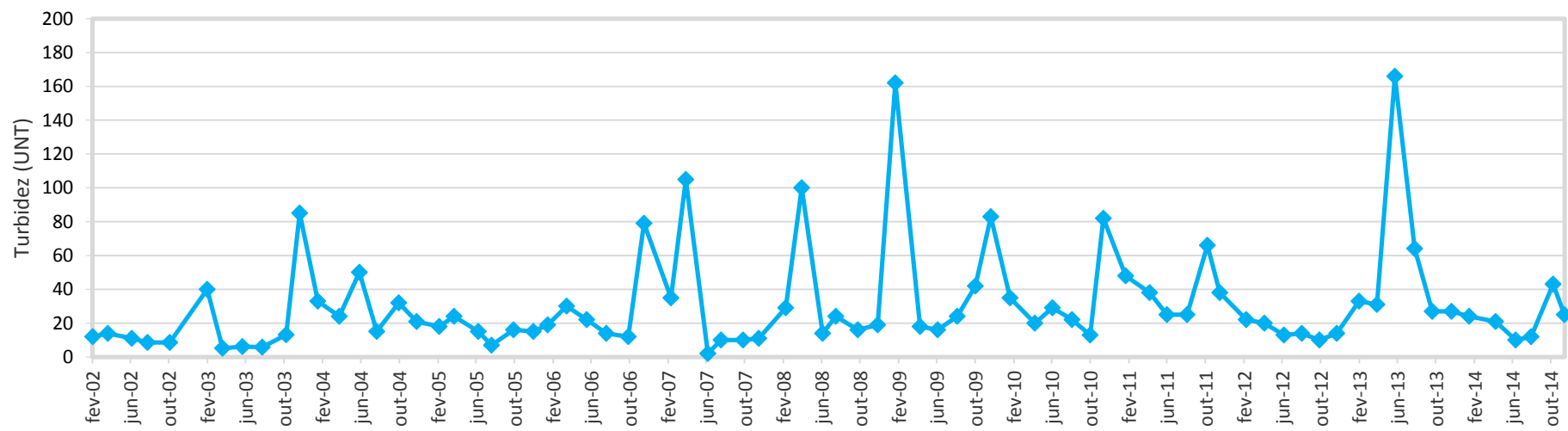
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

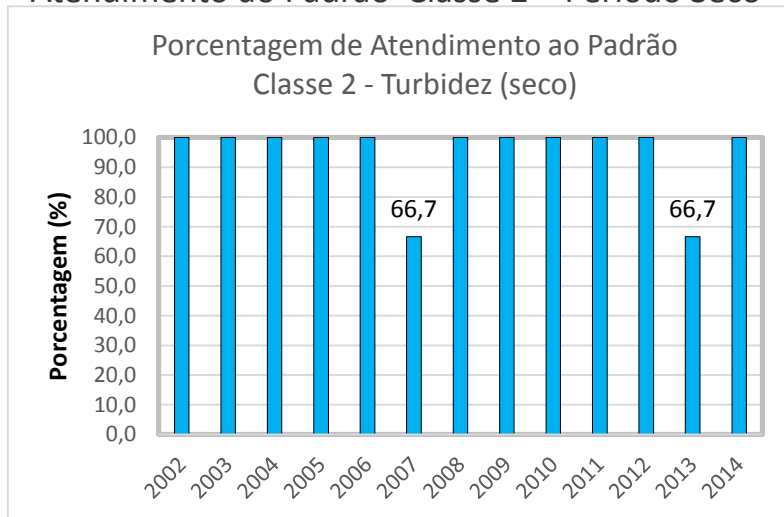


Evolução Temporal

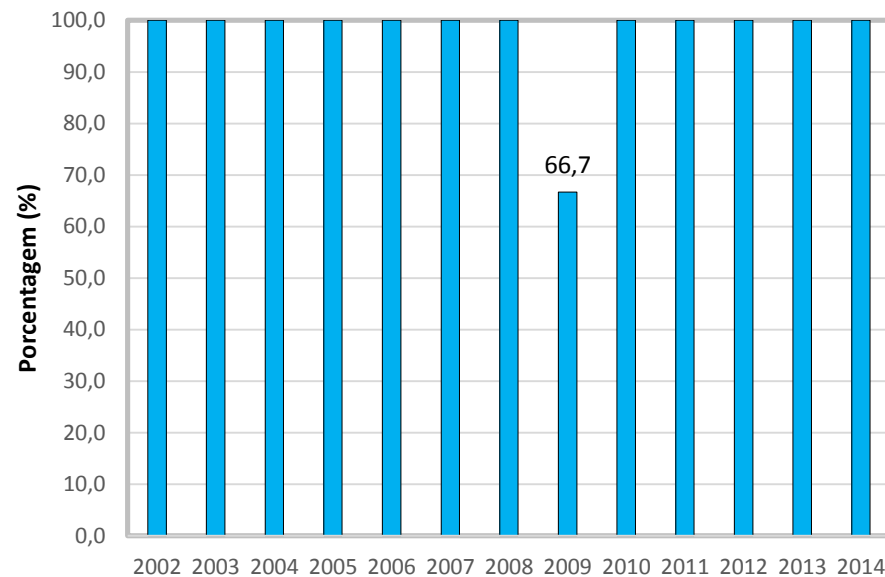


IRIS 02400 – Turbidez (Período Seco x Período Chuvoso)

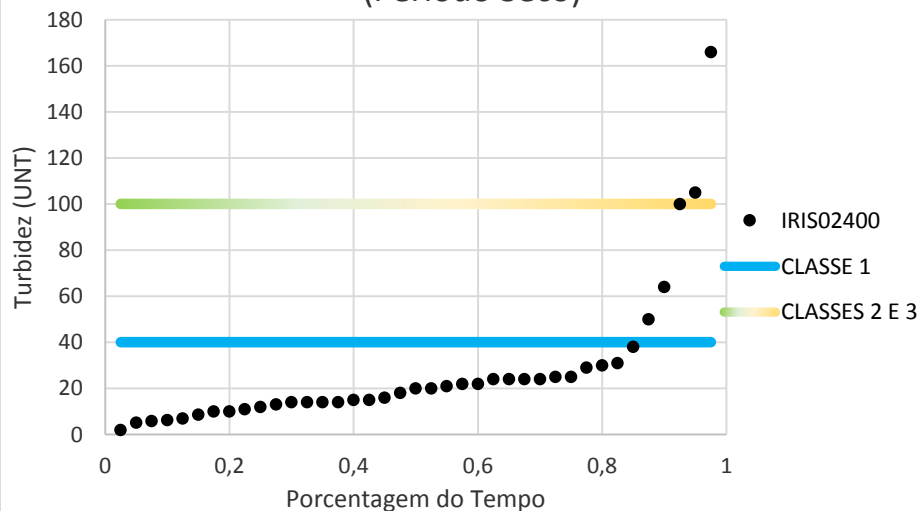
Atendimento ao Padrão Classe 2 – Período Seco



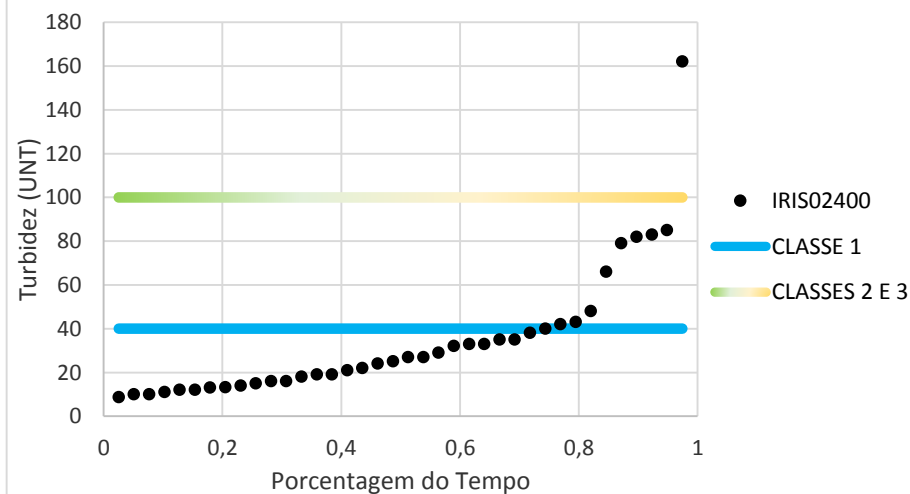
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (chuvoso)



Curva de Permanência- Turbidez (Período Seco)

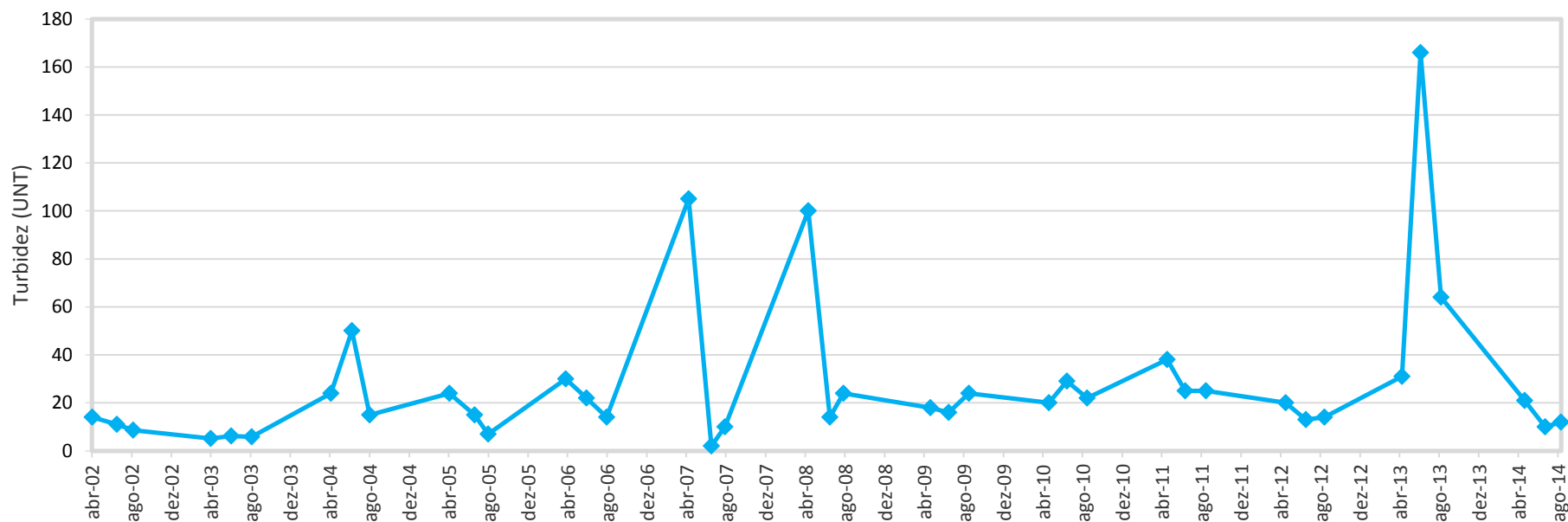


Curva de Permanência- Turbidez (Período Chuvoso)

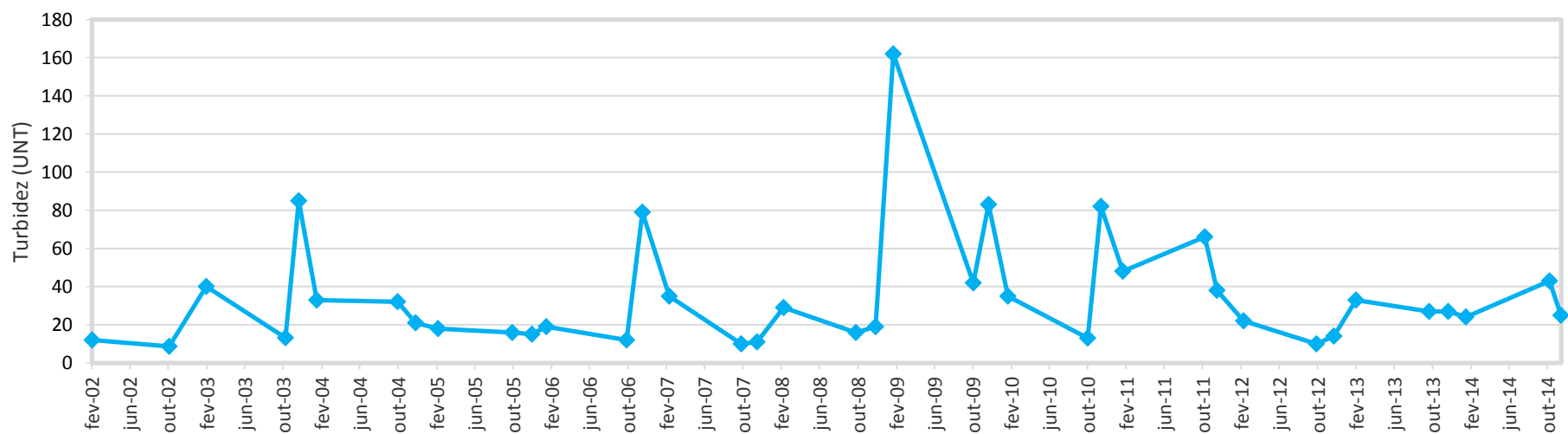


IRIS 02400 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



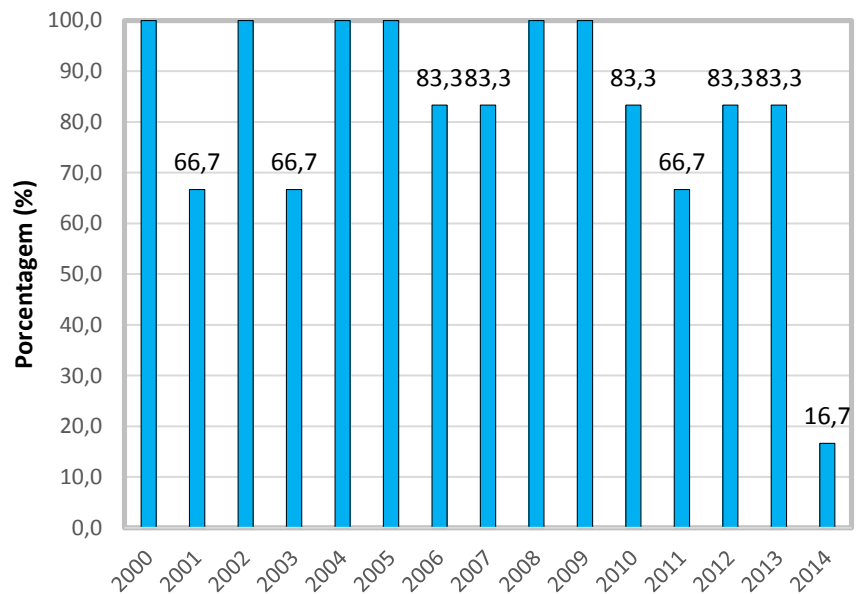
Evolução Temporal - Período Chuvoso



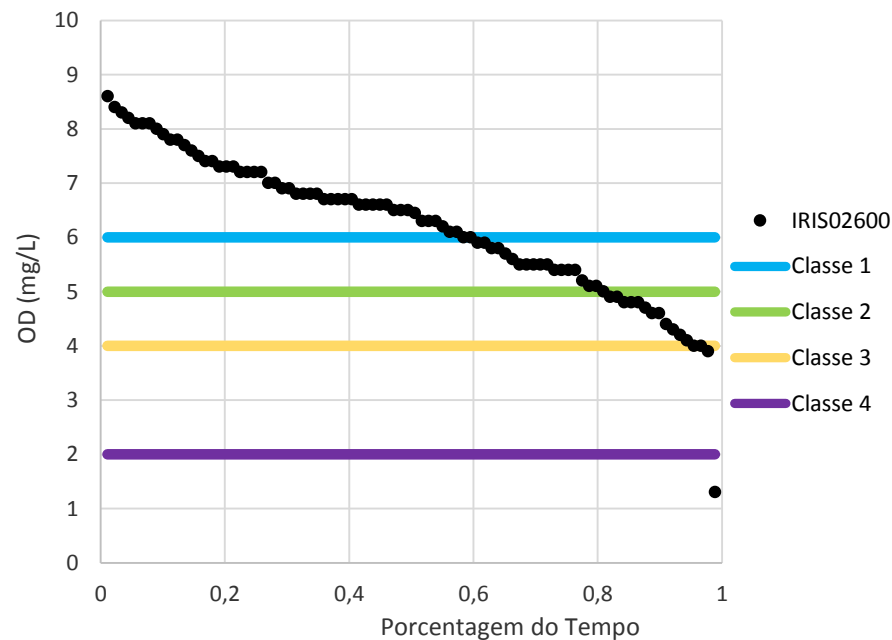
Rio Pirai
IRIS 02600

IRIS 02600 – Oxigênio Dissolvido (mg/L)

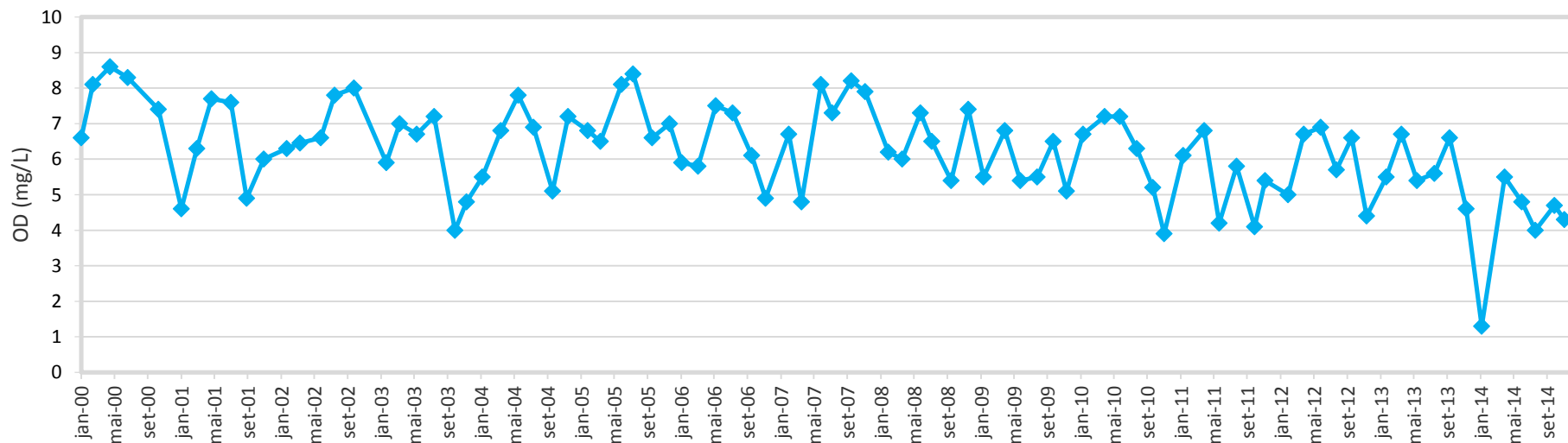
Porcentagem de Atendimento ao Padrão Classe 2 - OD



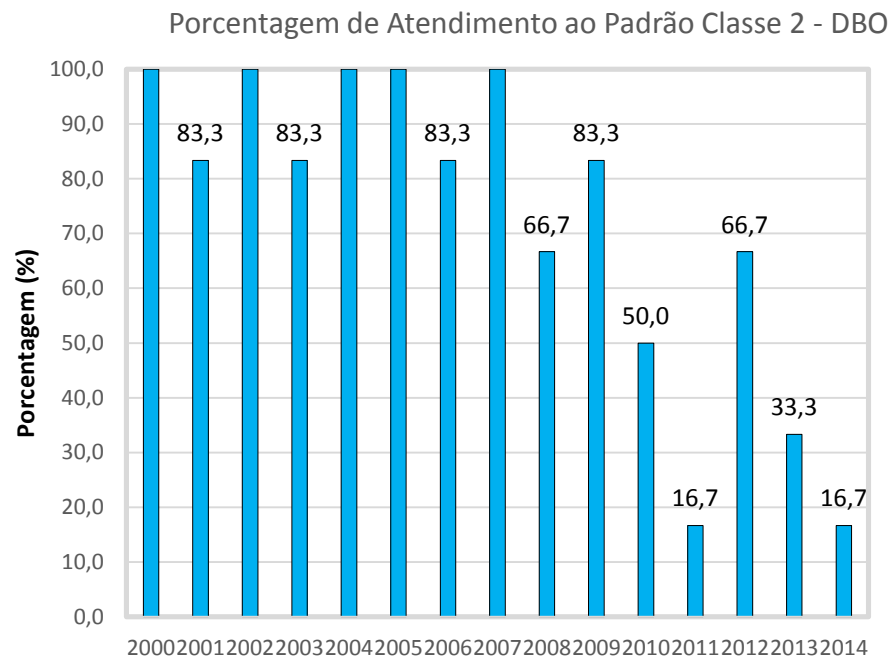
Curva de Permanência



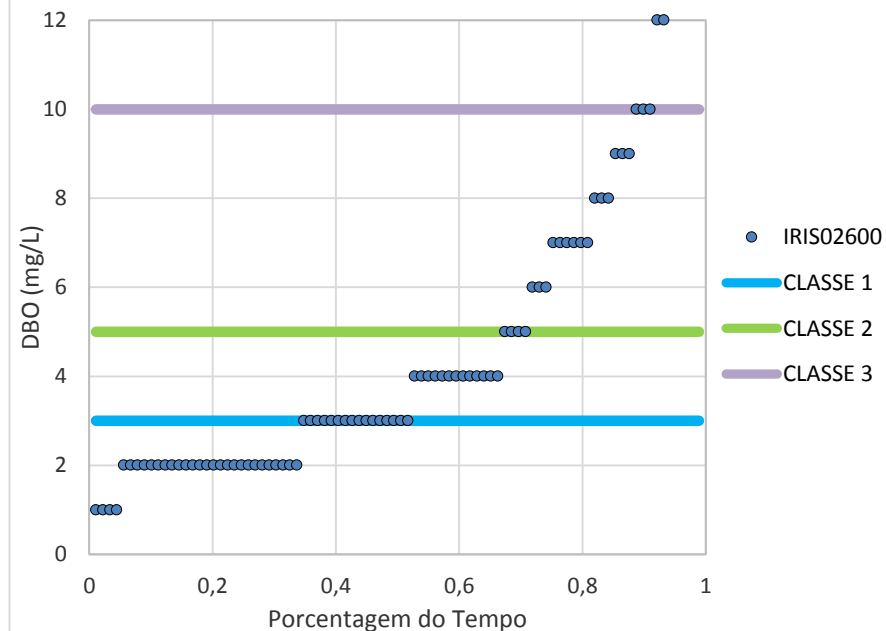
Evolução Temporal



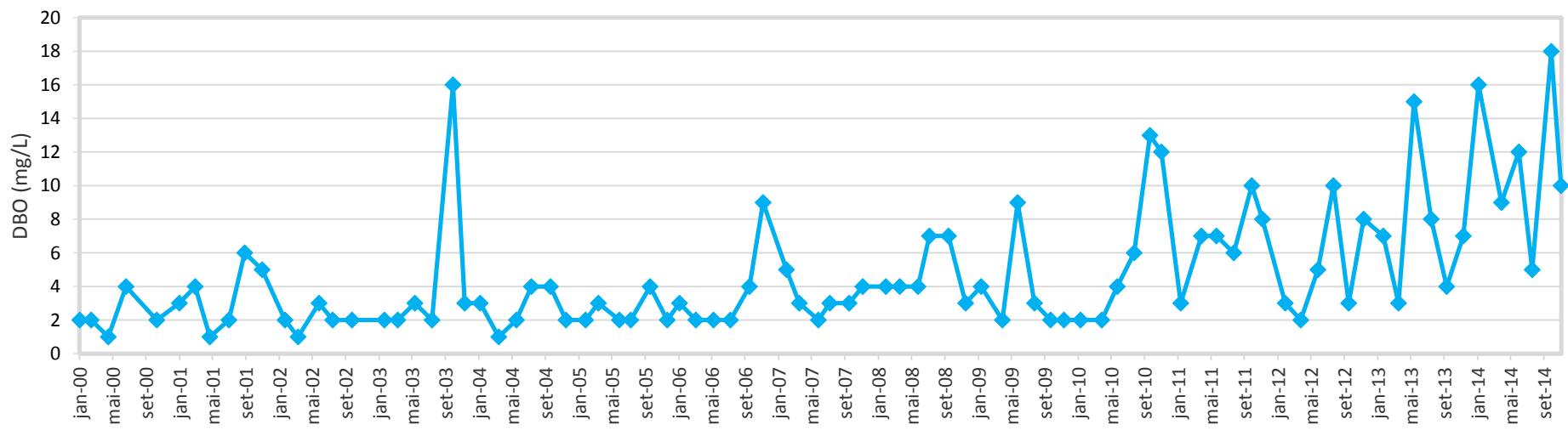
IRIS 02600 – DBO (mg/L)



Curva de Permanência

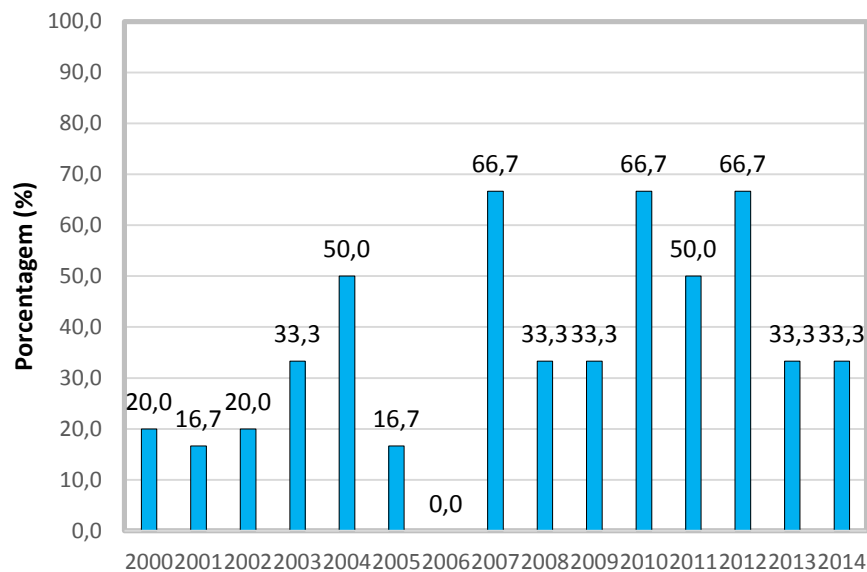


Evolução Temporal

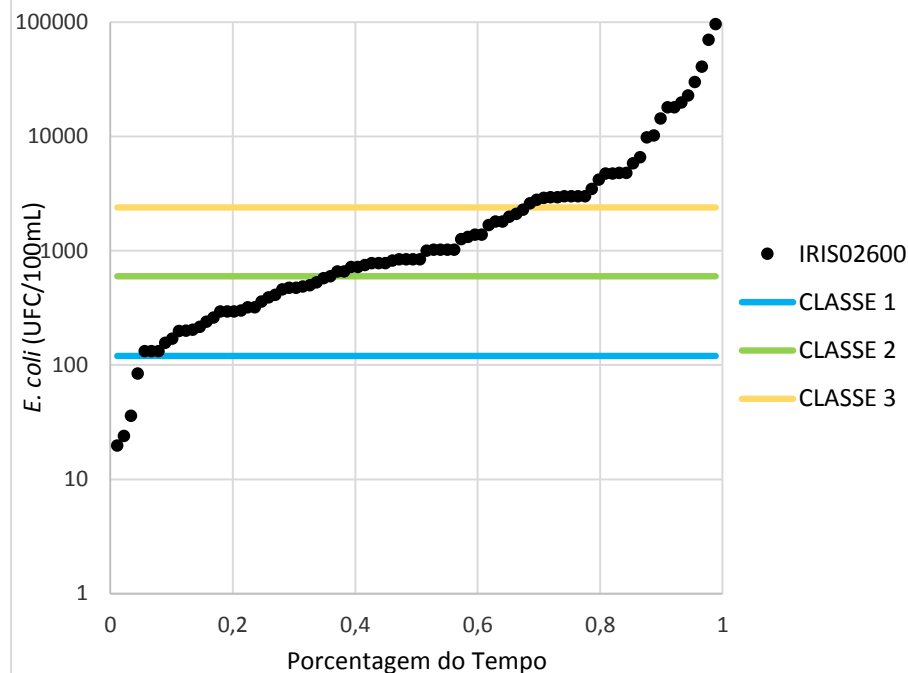


IRIS 02600 – *Escherichia coli* (UFC/100mL)

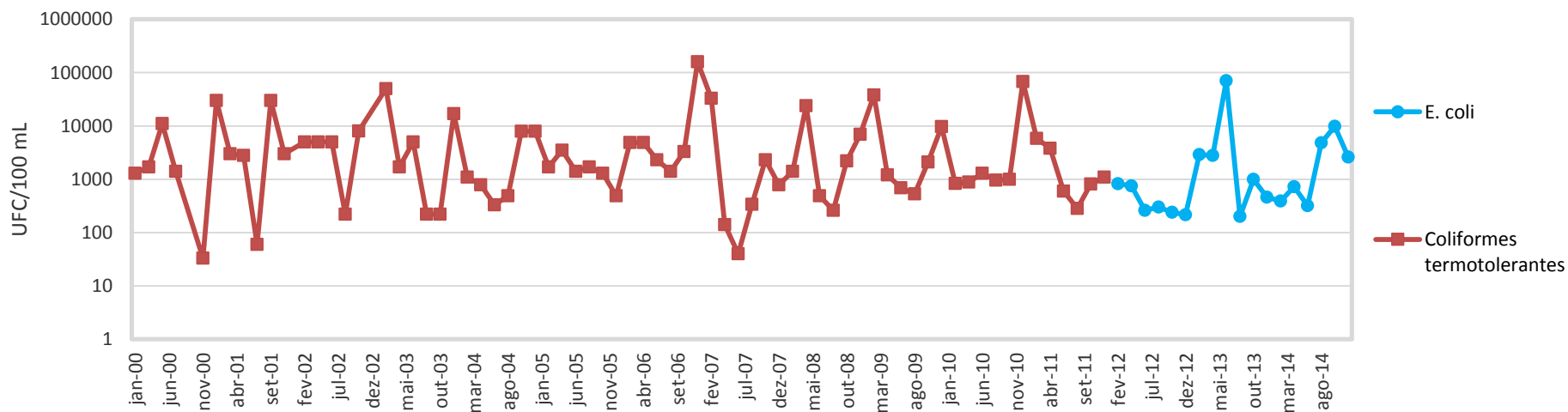
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

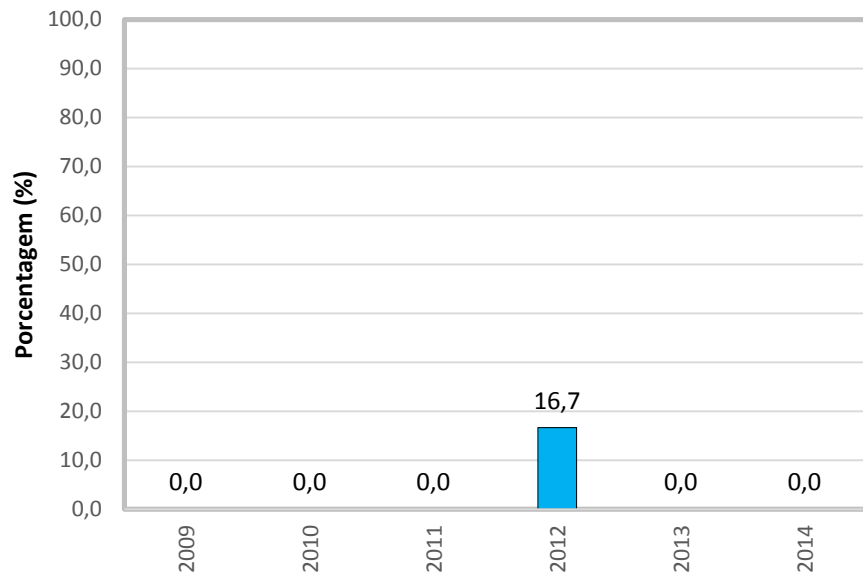


Evolução Temporal

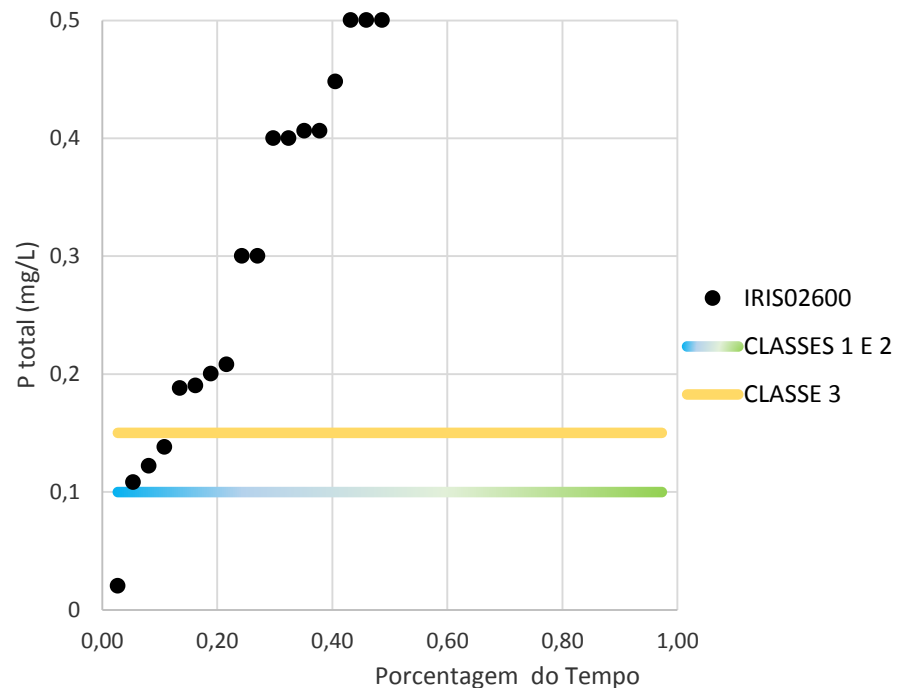


IRIS 02600 – Fósforo Total (mg/L)

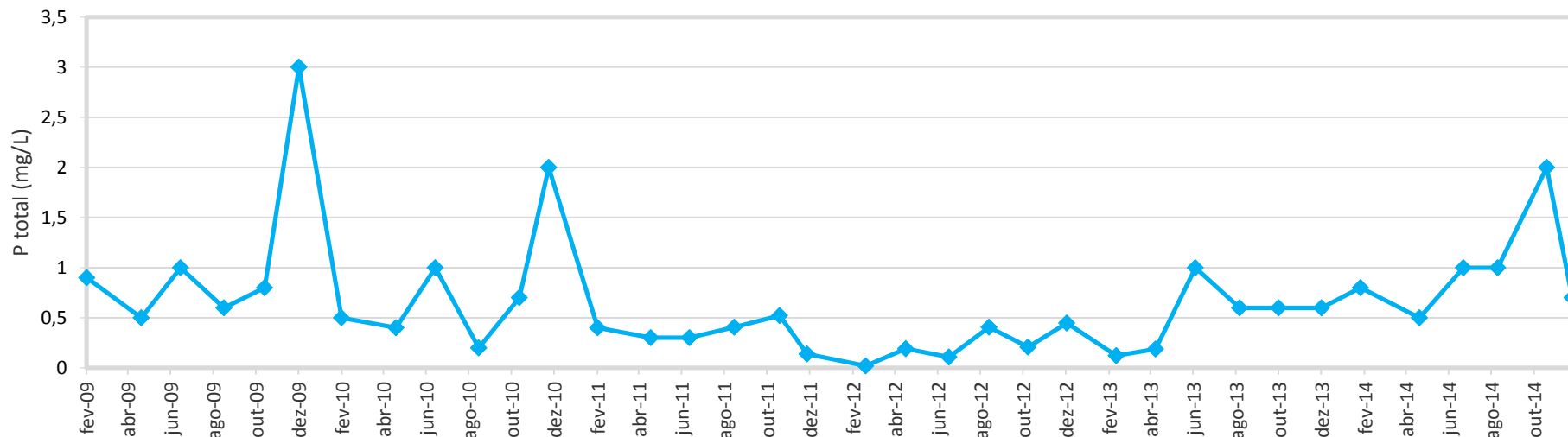
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

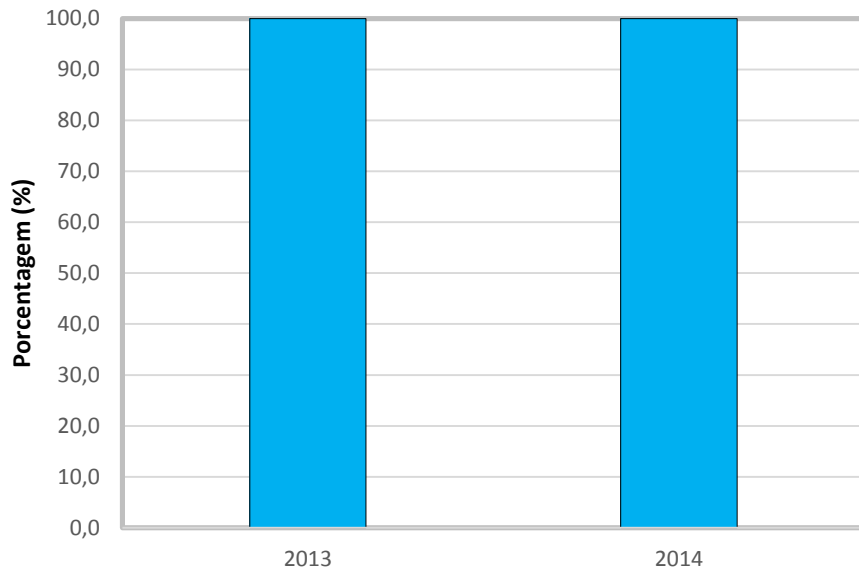


Evolução Temporal

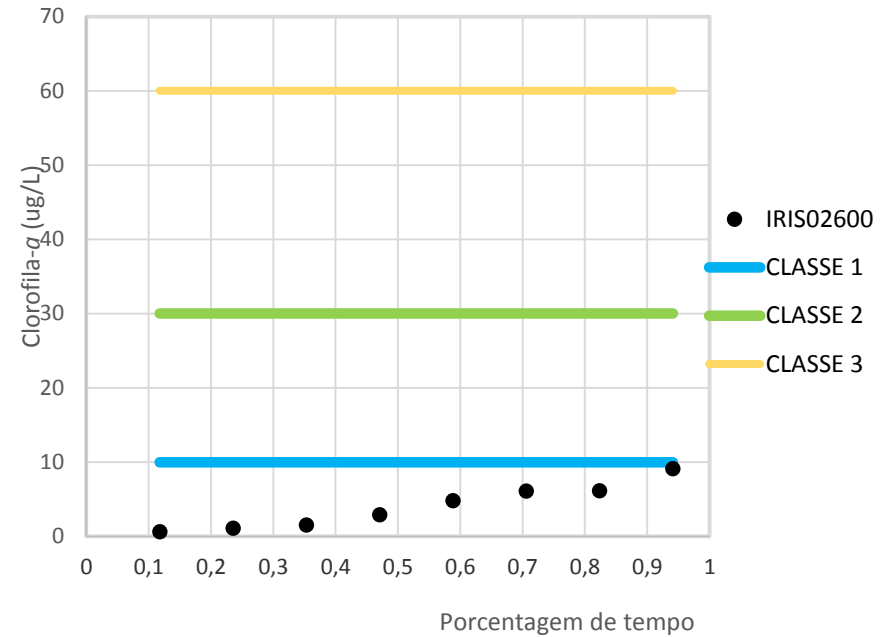


IRIS 02600 – Clorofila-*a* (µg/L)

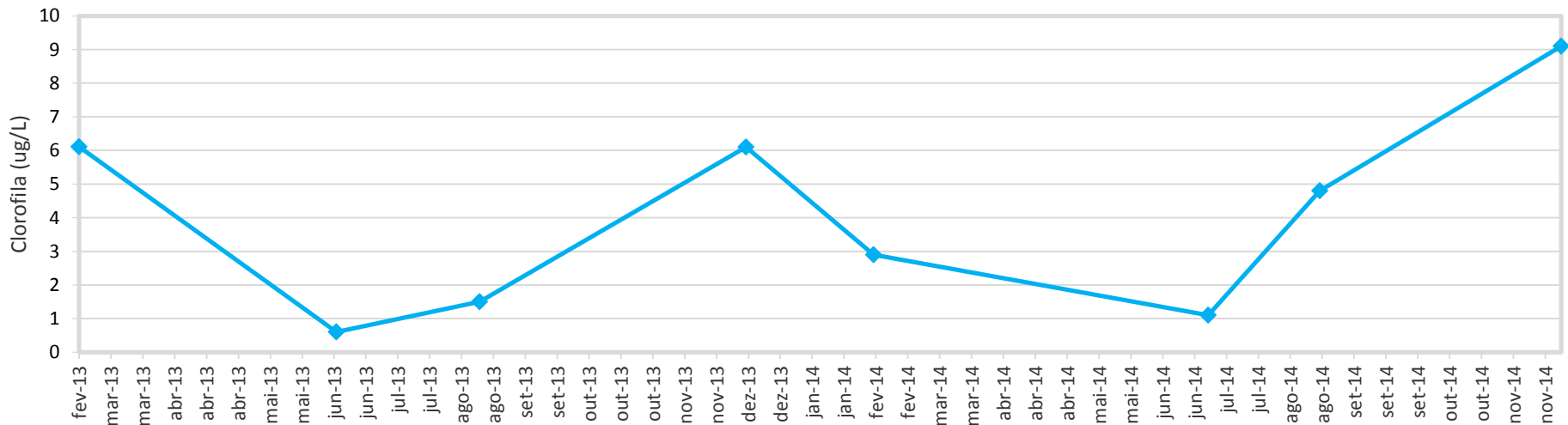
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

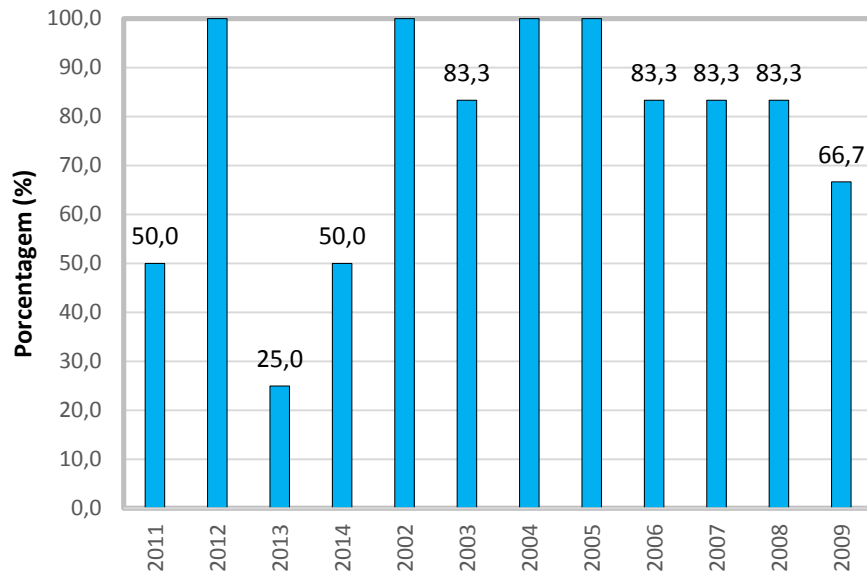


Evolução Temporal

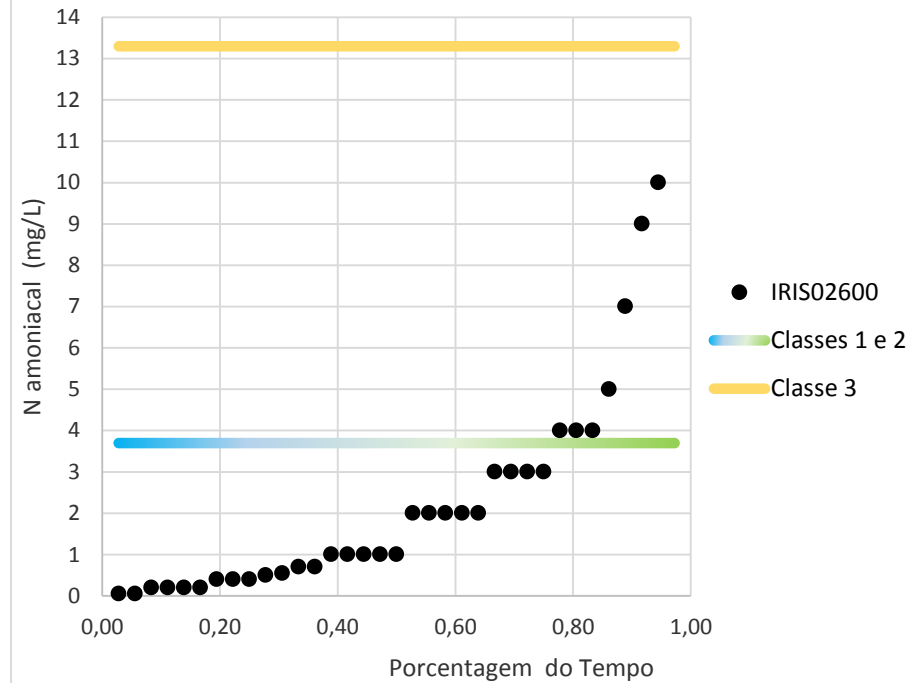


IRIS 02600 – Nitrogênio Amoniacal (mg/L)

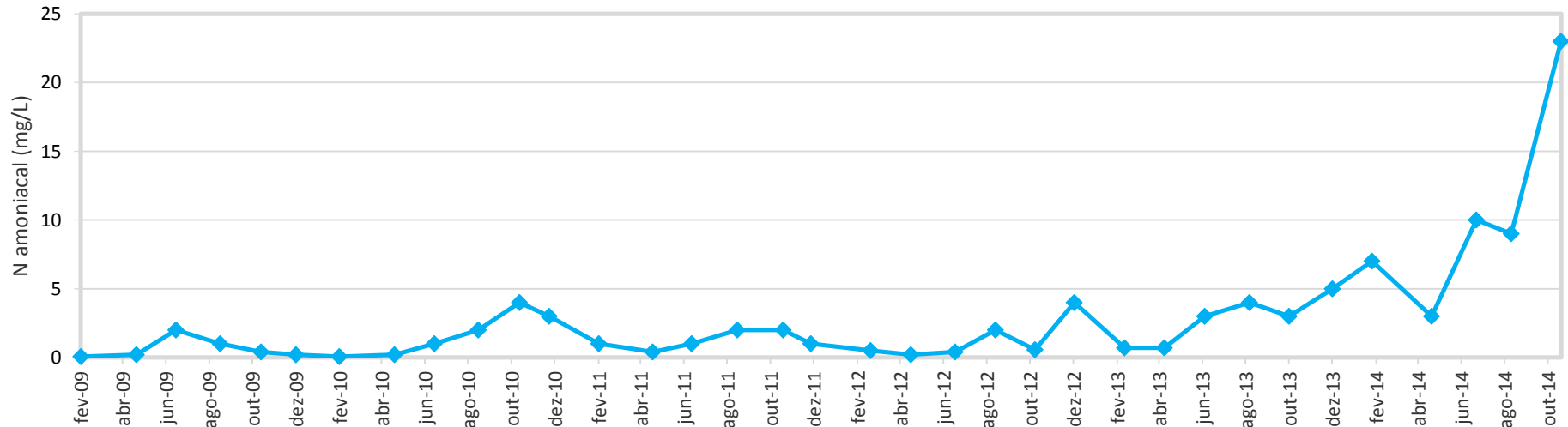
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

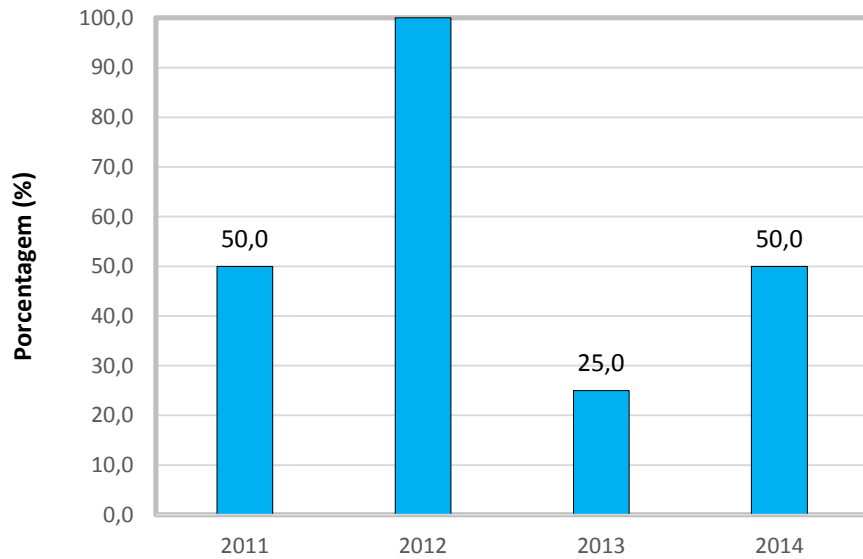


Evolução Temporal

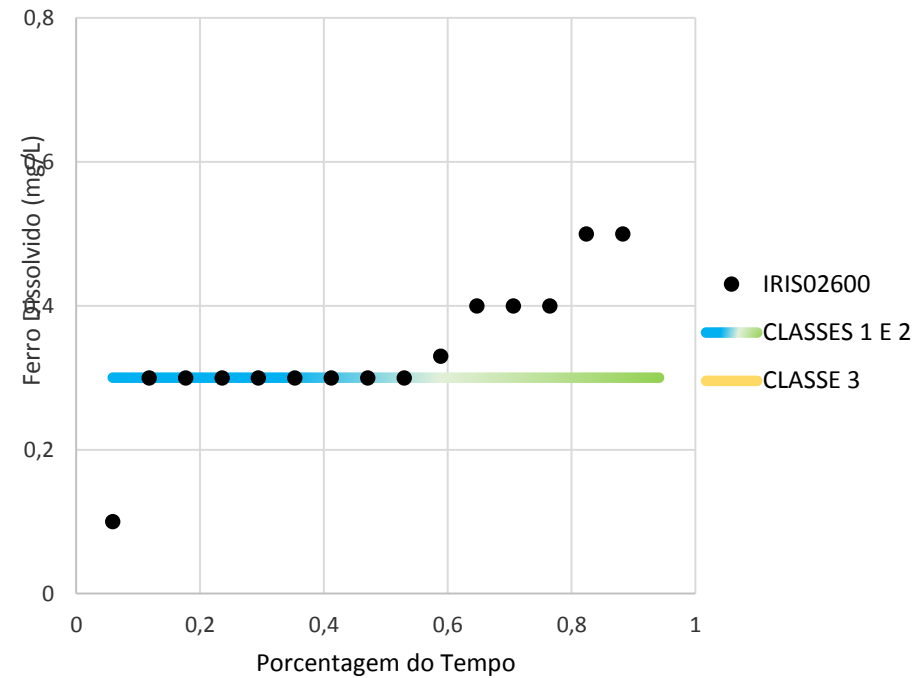


IRIS 02600 – Ferro Dissolvido (mg/L)

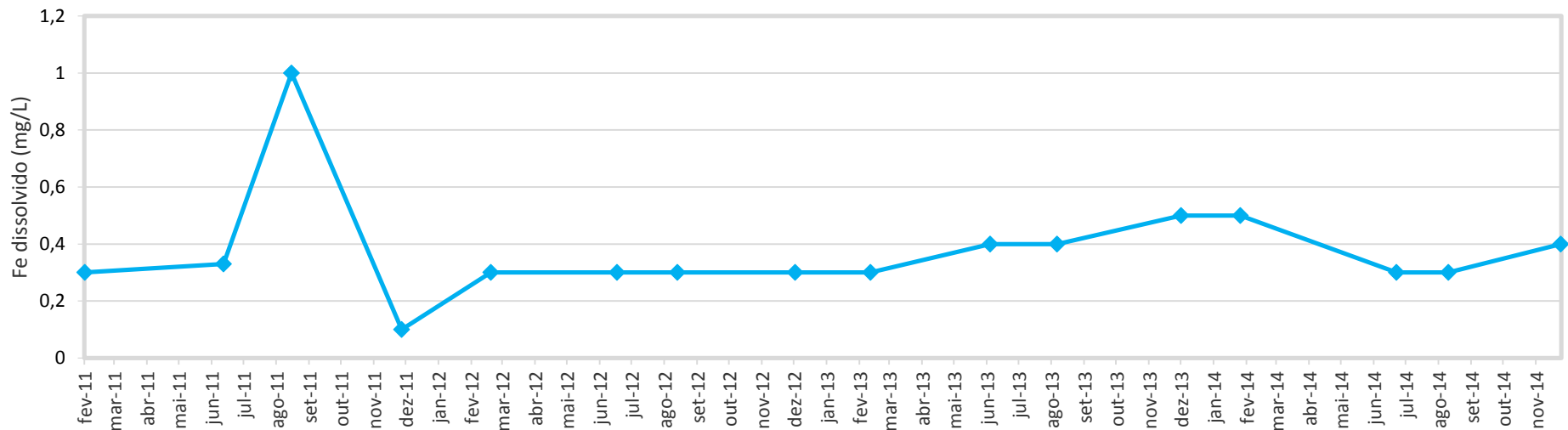
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

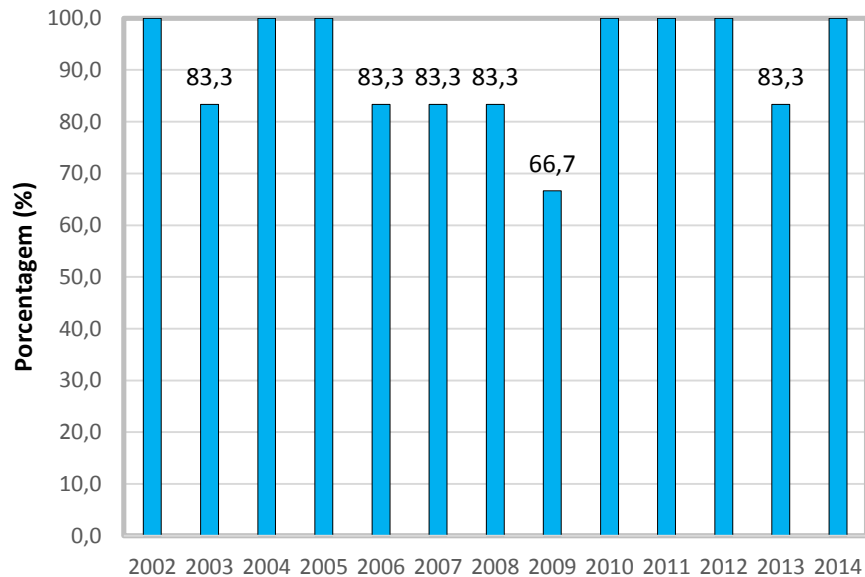


Evolução Temporal

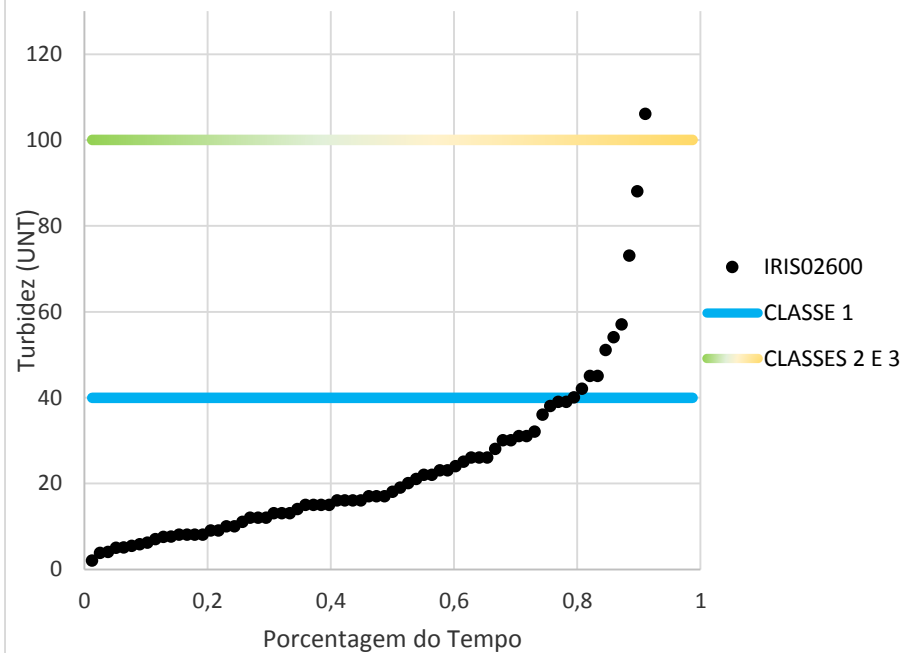


IRIS 02600 – Turbidez (UNT)

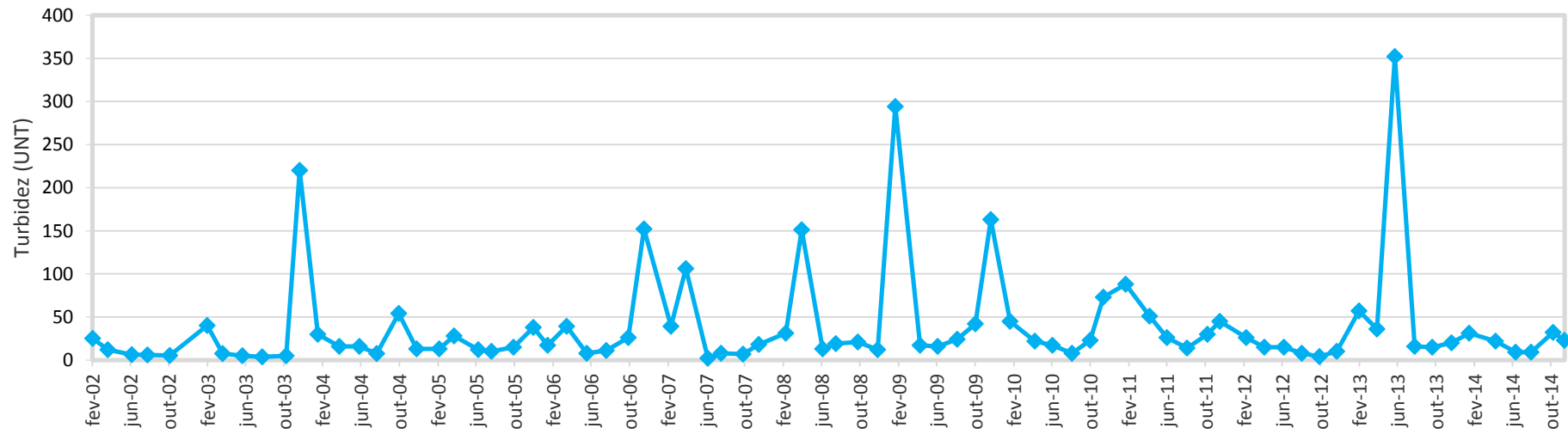
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

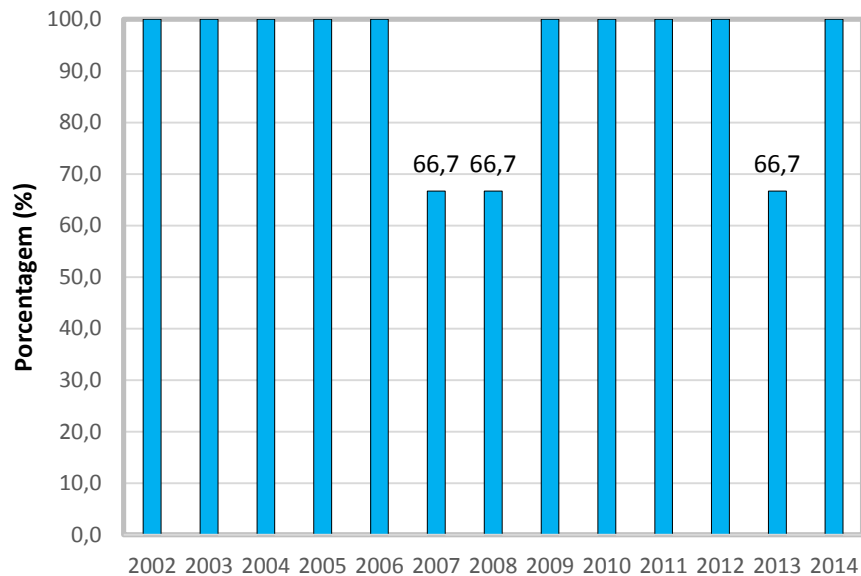


Evolução Temporal

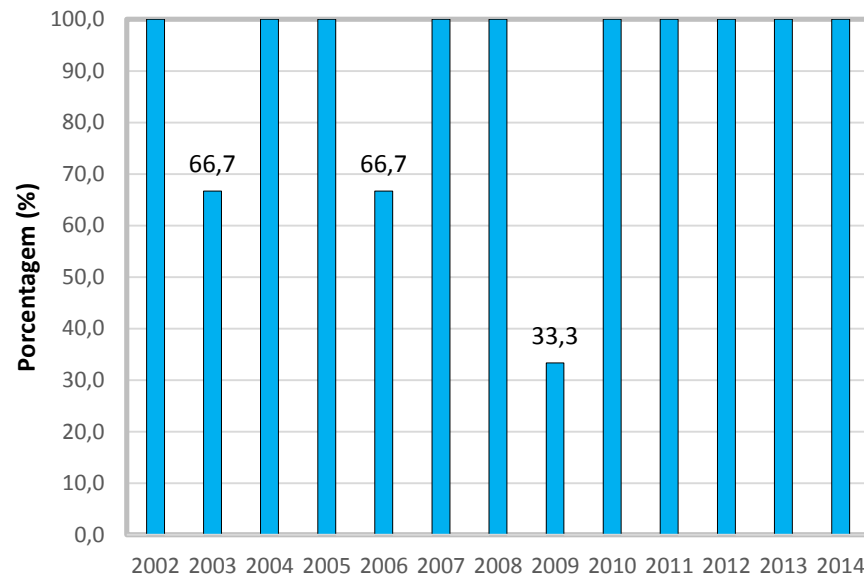


IRIS 02600 – Turbidez (Período Seco x Período Chuvoso)

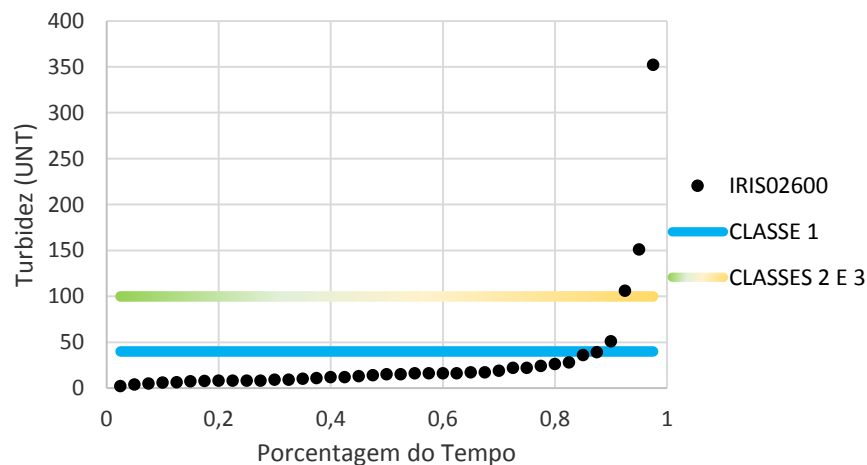
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



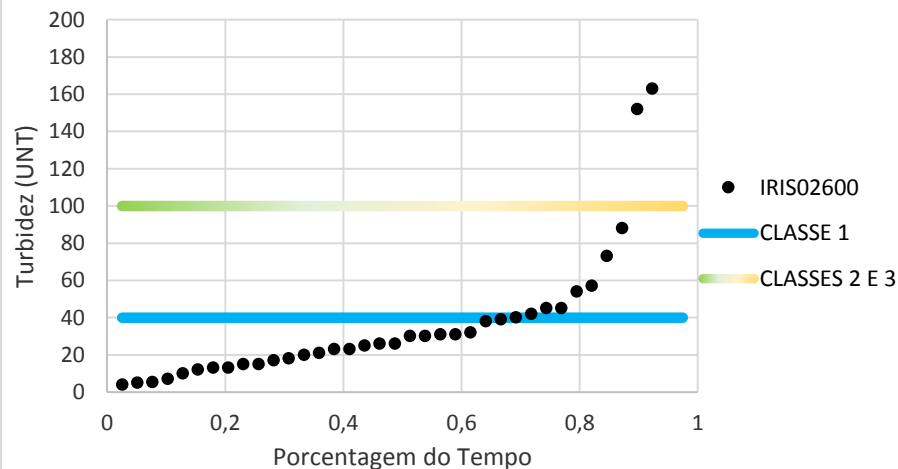
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

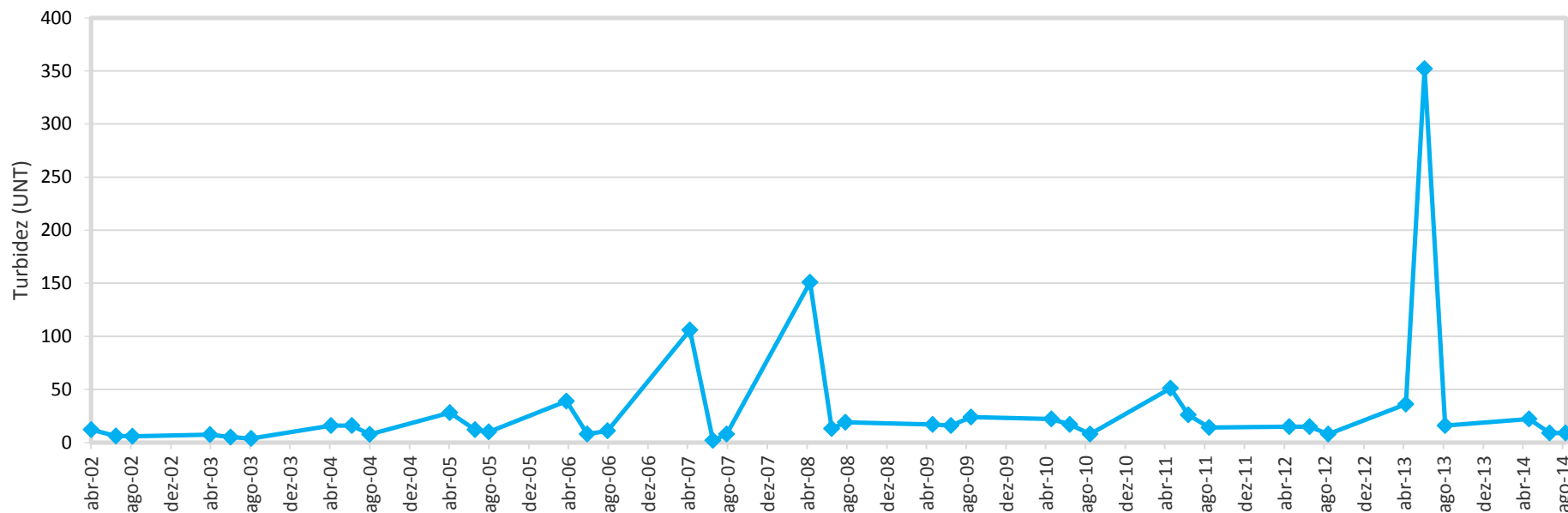


Curva de Permanência- Turbidez
(Período Chuvoso)

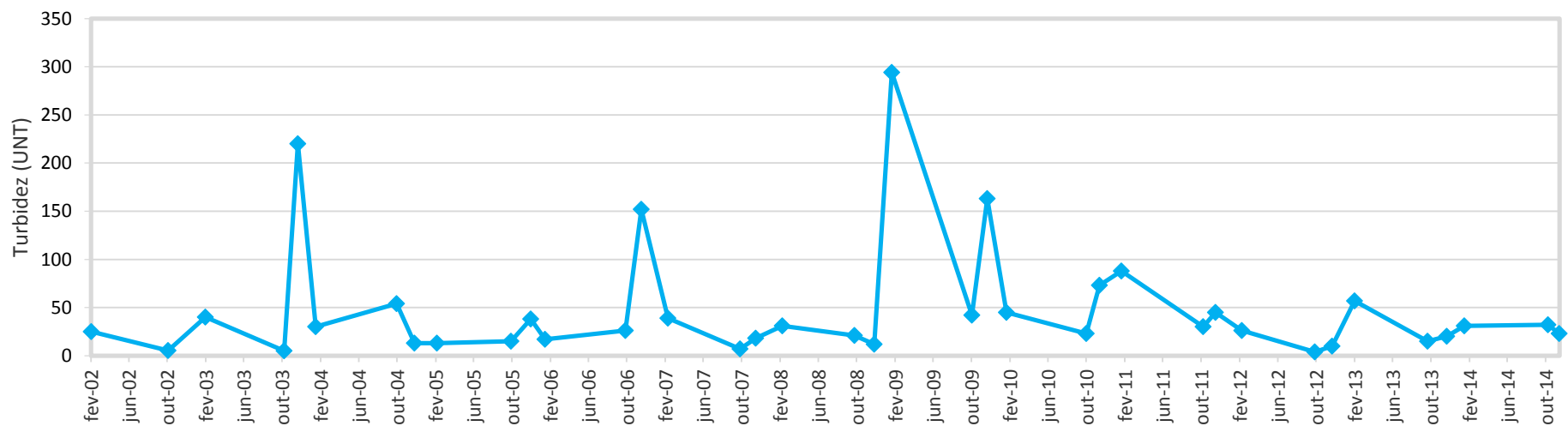


IRIS 02600 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



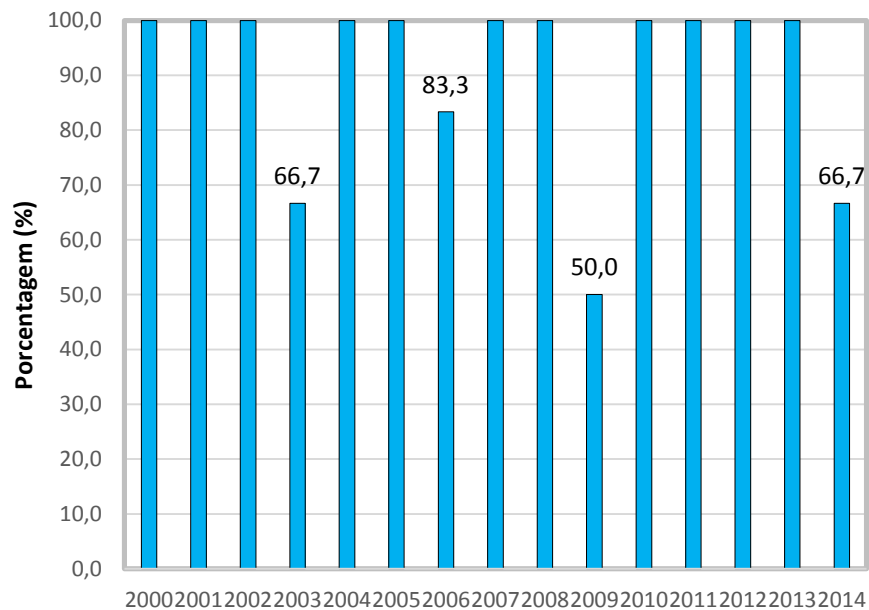
Evolução Temporal - Período Chuvoso



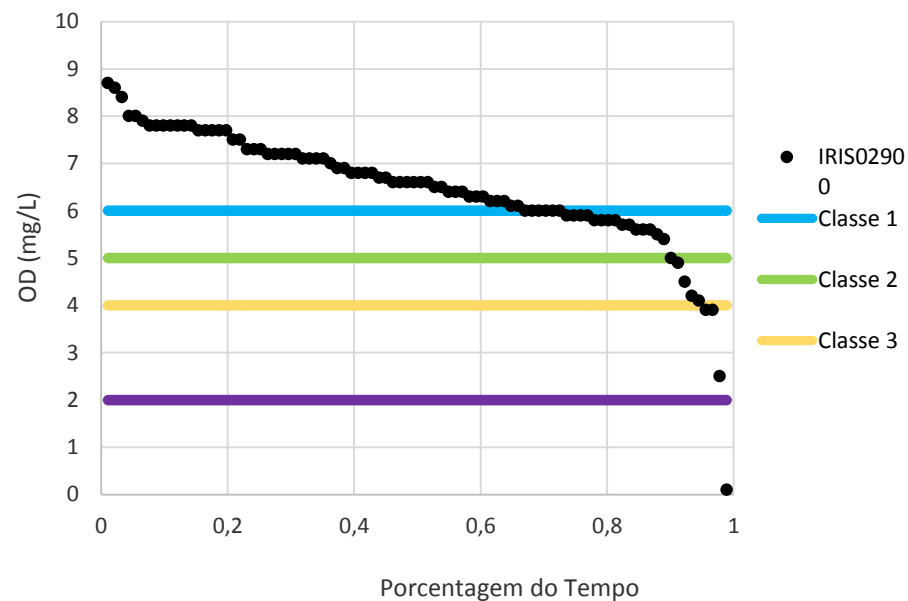
Rio Pirai
IRIS 02900

IRIS 02900 – Oxigênio Dissolvido (mg/L)

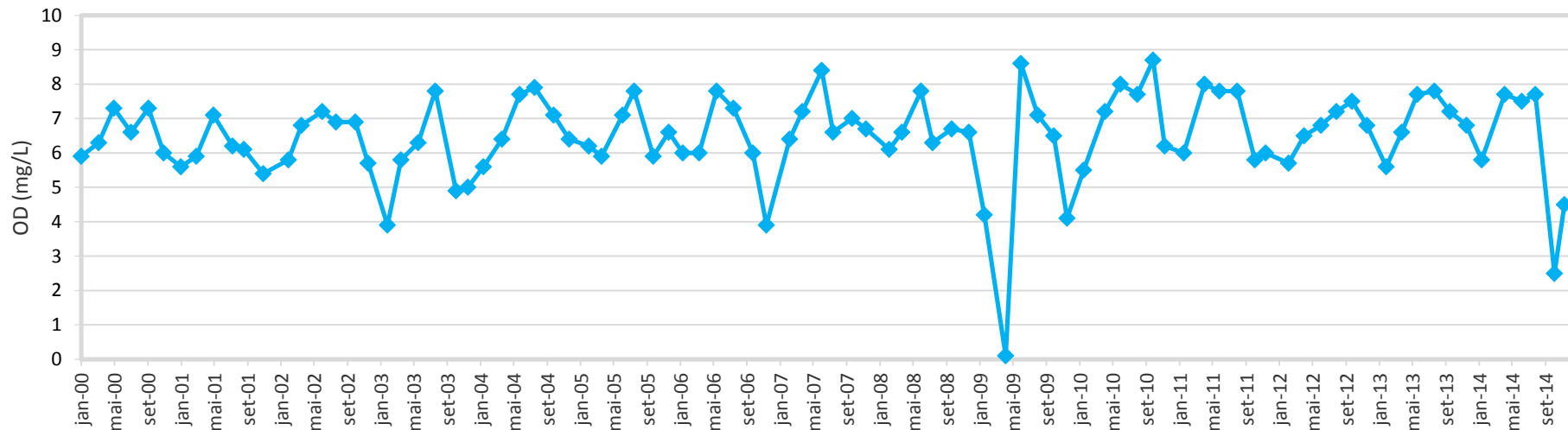
Porcentagem de Atendimento ao Padrão Classe 2 - OD



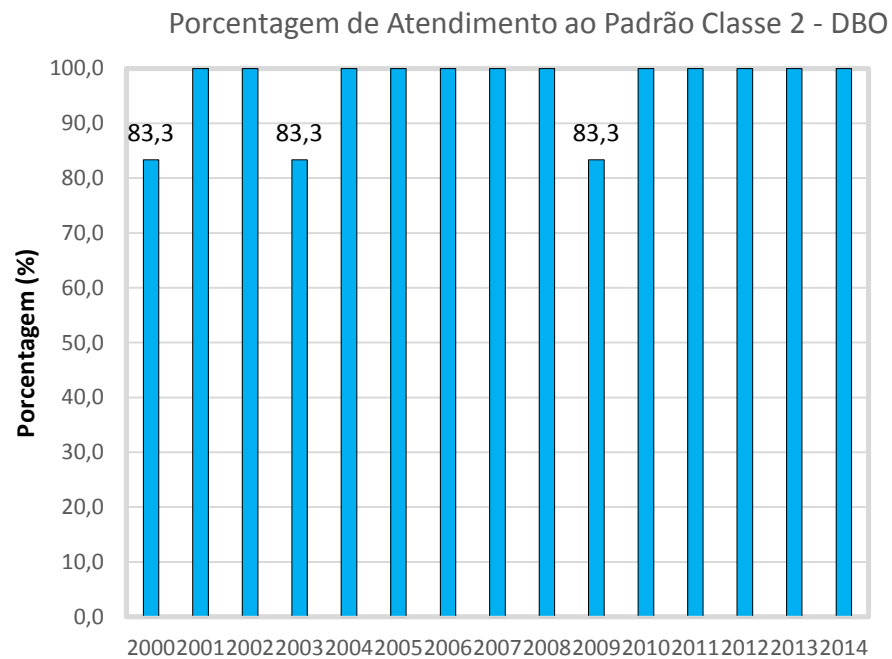
Curva de Permanência



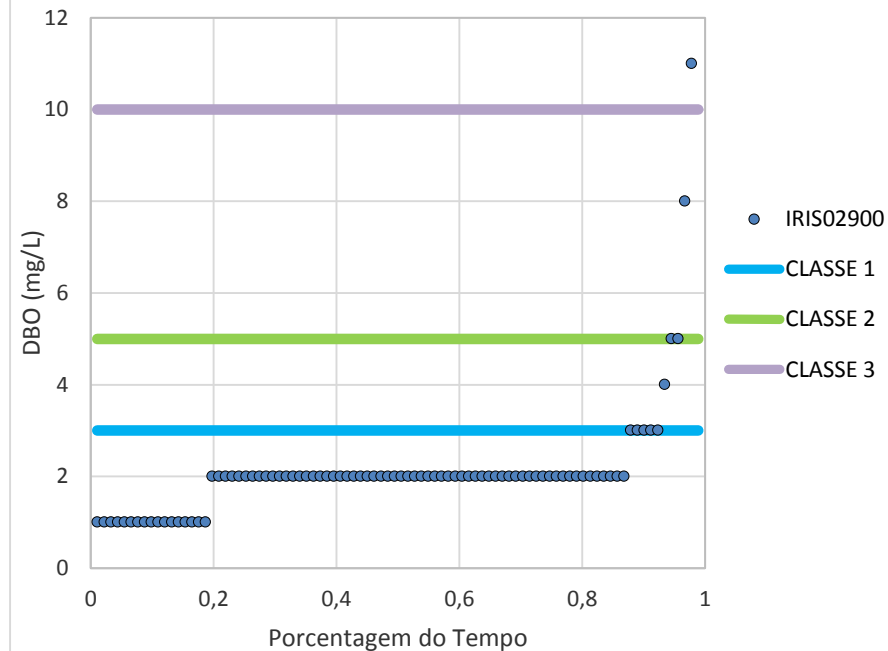
Evolução Temporal



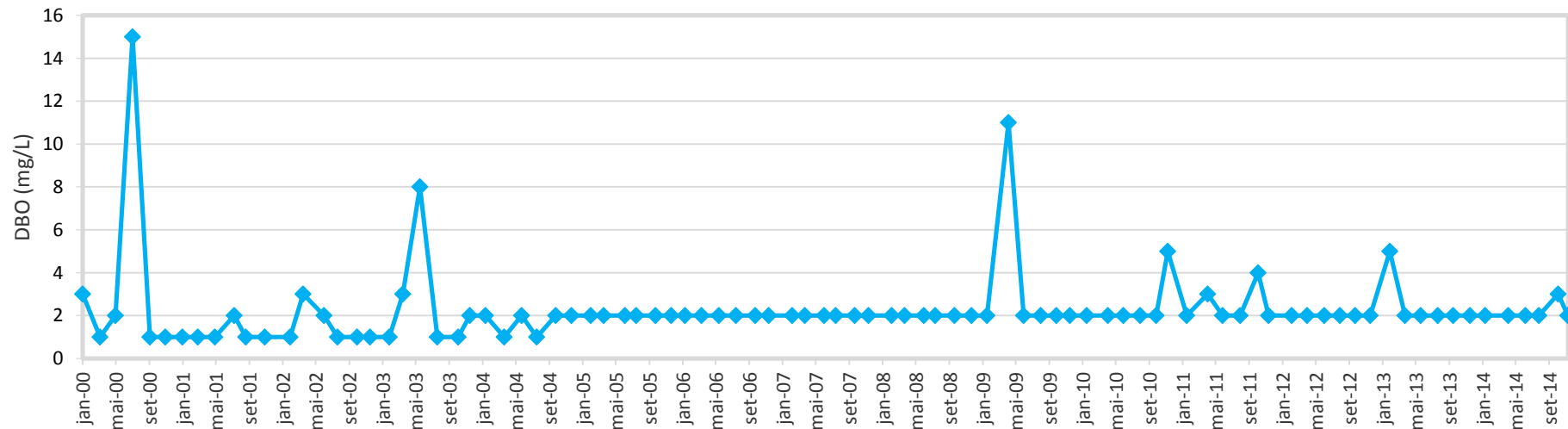
IRIS 02900 – DBO (mg/L)



Curva de Permanência

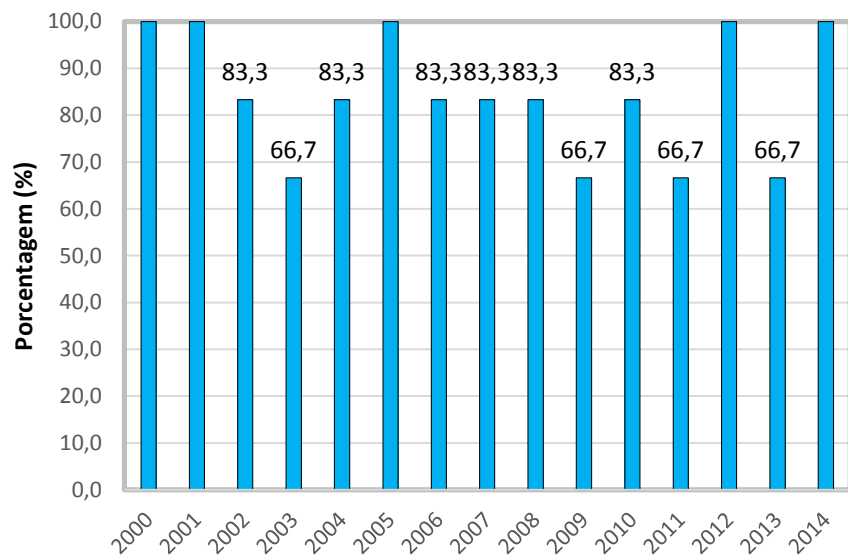


Evolução Temporal

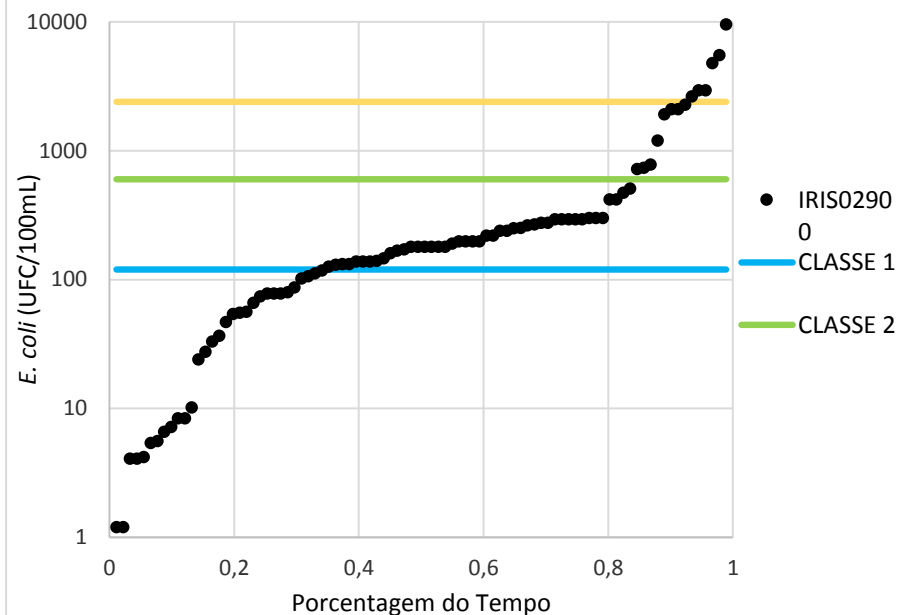


IRIS 02900 – *Escherichia coli* (UFC/100mL)

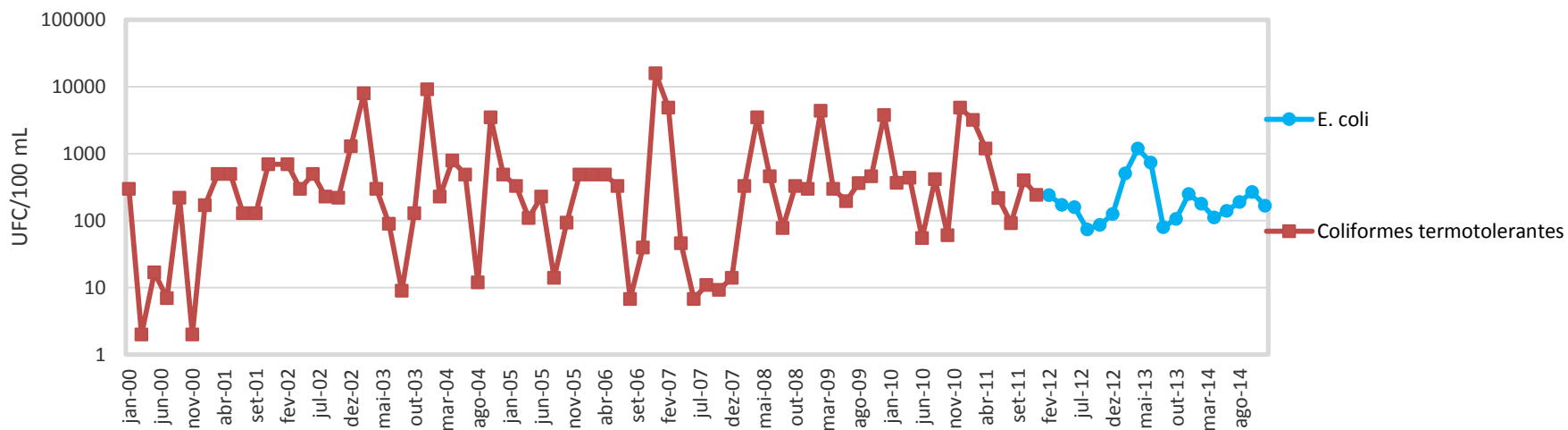
Porcentagem de Atendimento ao Padrão Classe 2 -
Colif. Term. e *E. coli*



Curva de Permanência

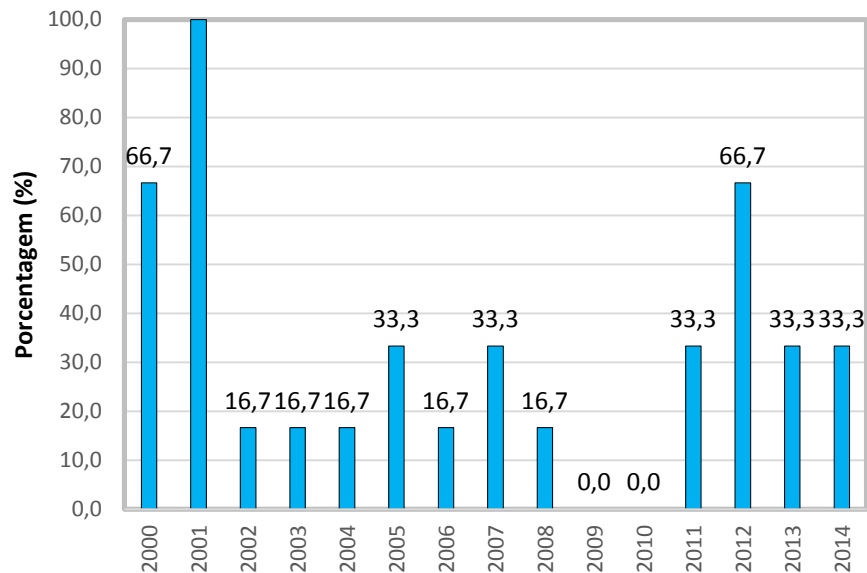


Evolução Temporal

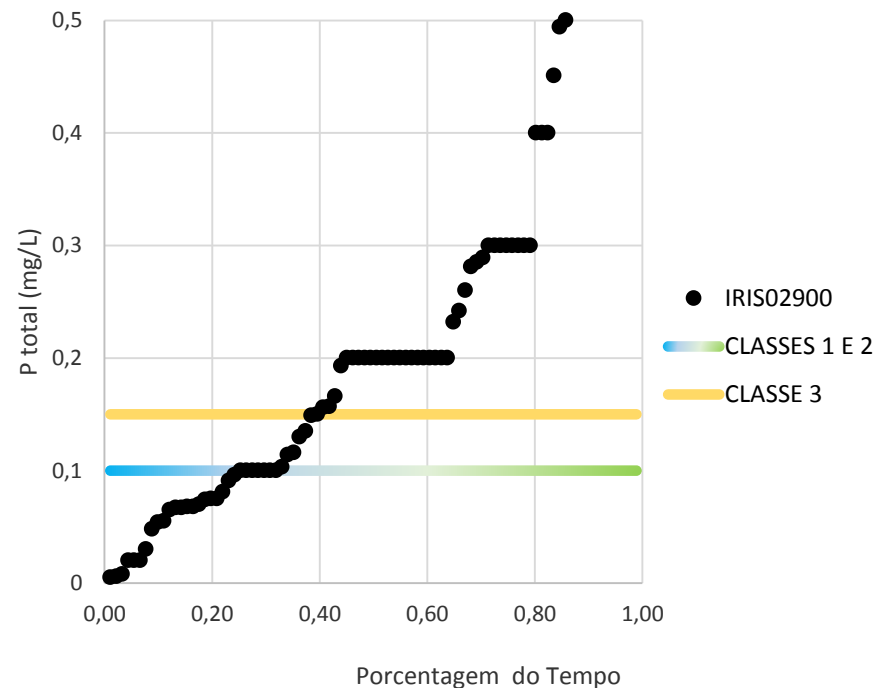


IRIS 02900 – Fósforo Total (mg/L)

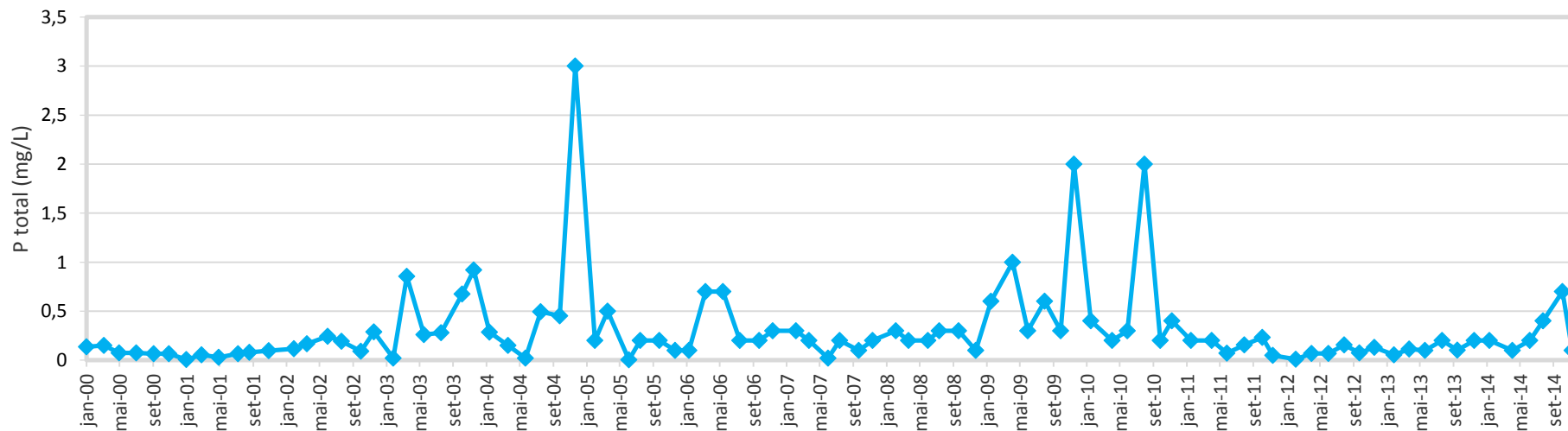
Porcentagem de Atendimento ao Padrão Classe 2 - P total



Curva de Permanência

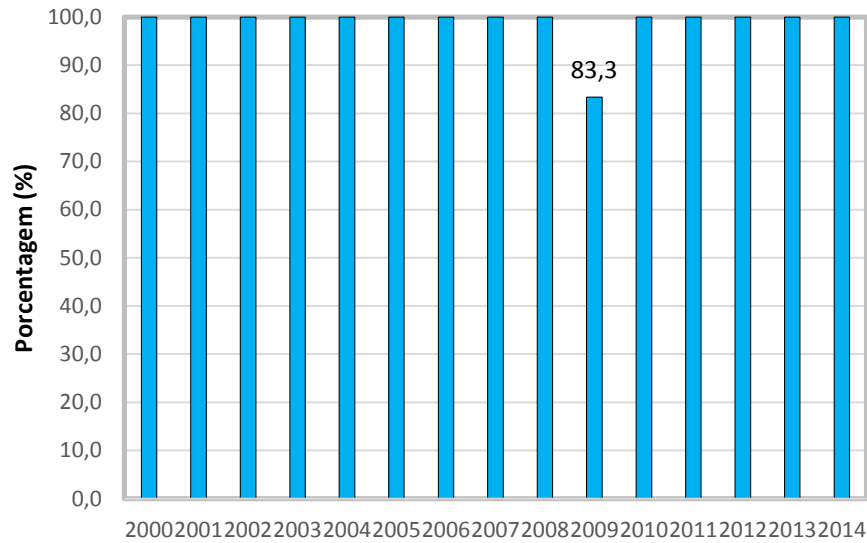


Evolução Temporal

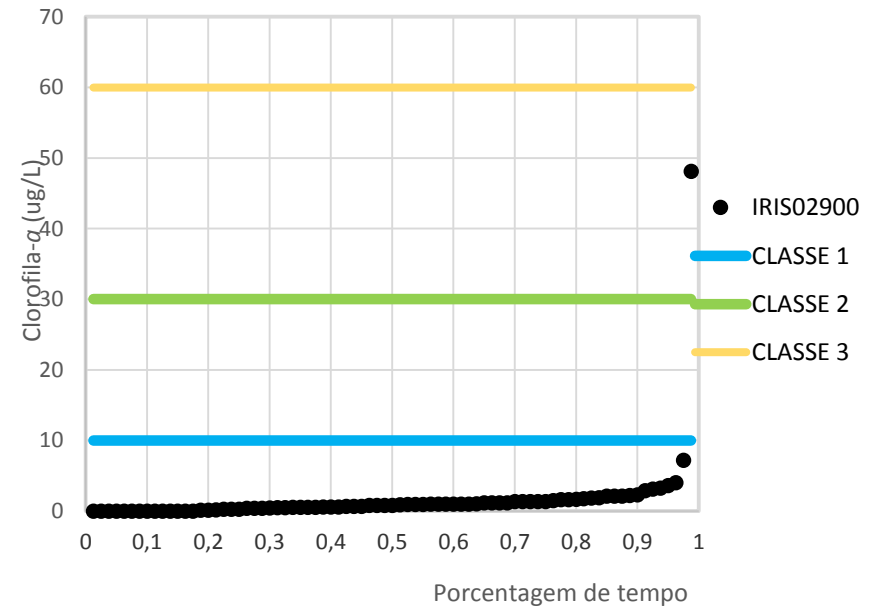


IRIS 02900 – Clorofila-*a* (µg/L)

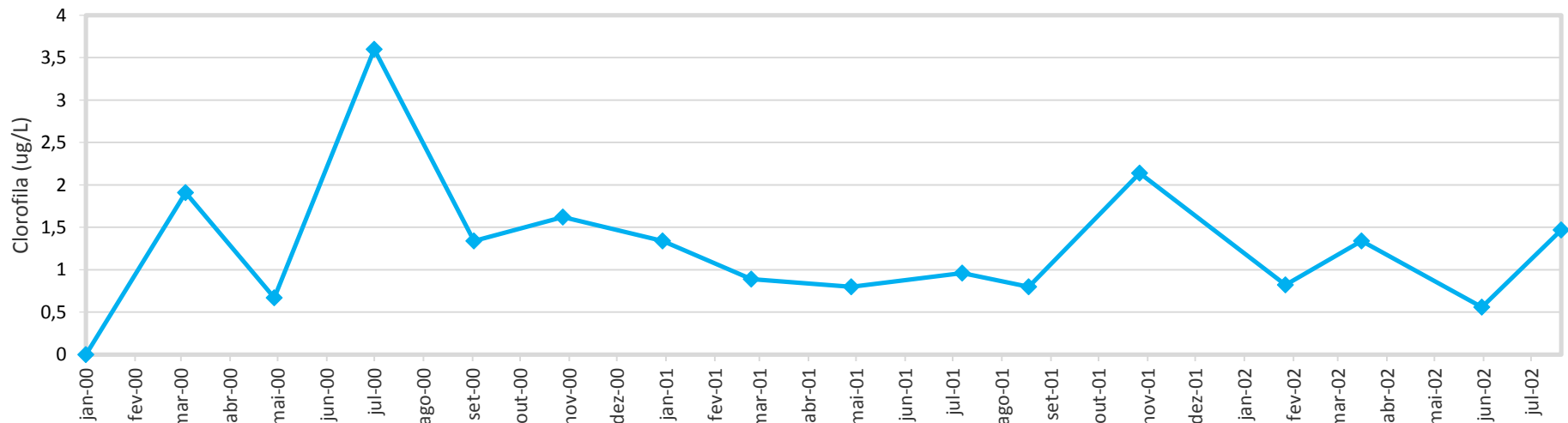
Porcentagem de Atendimento ao Padrão Classe 2 -
Clorofila-*a*



Curva de Permanência

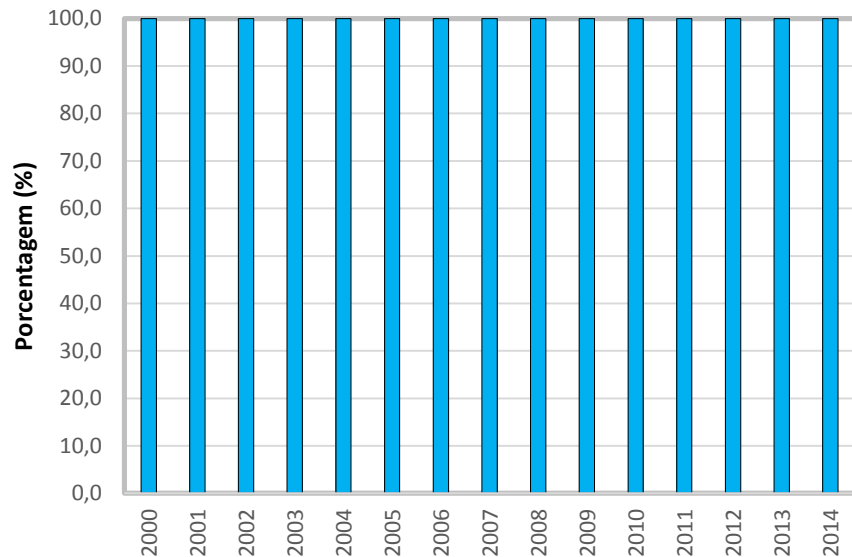


Evolução Temporal

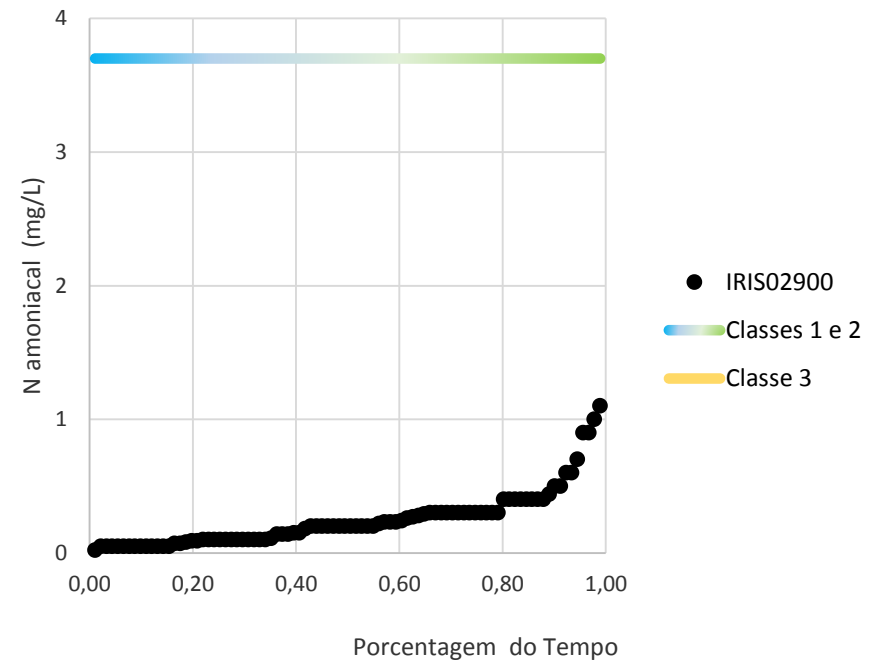


IRIS 02900 – Nitrogênio Amoniacal (mg/L)

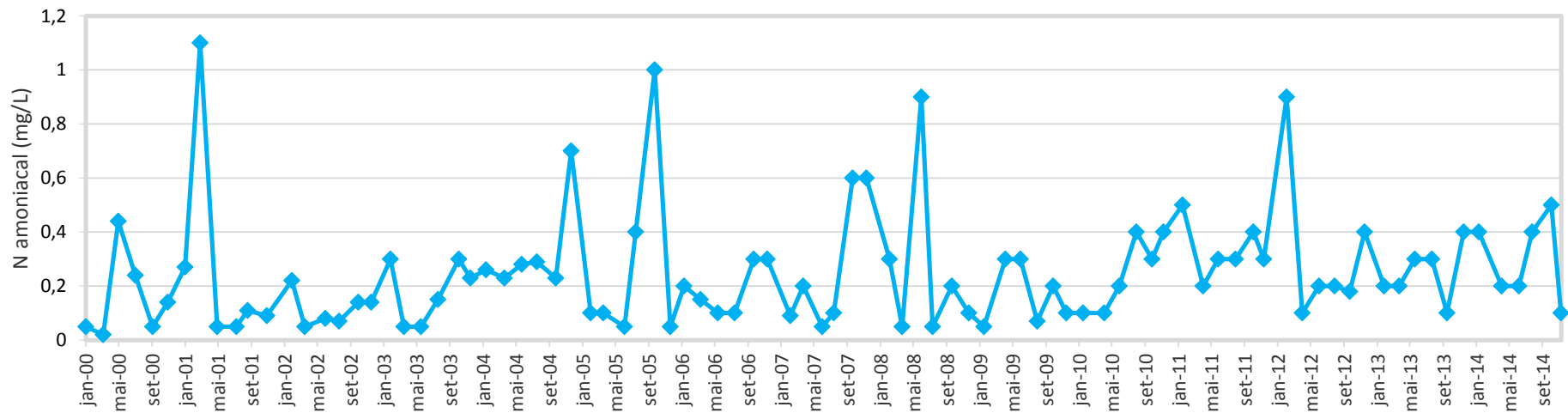
Porcentagem de Atendimento ao Padrão Classe 2 - N amoniacal



Curva de Permanência

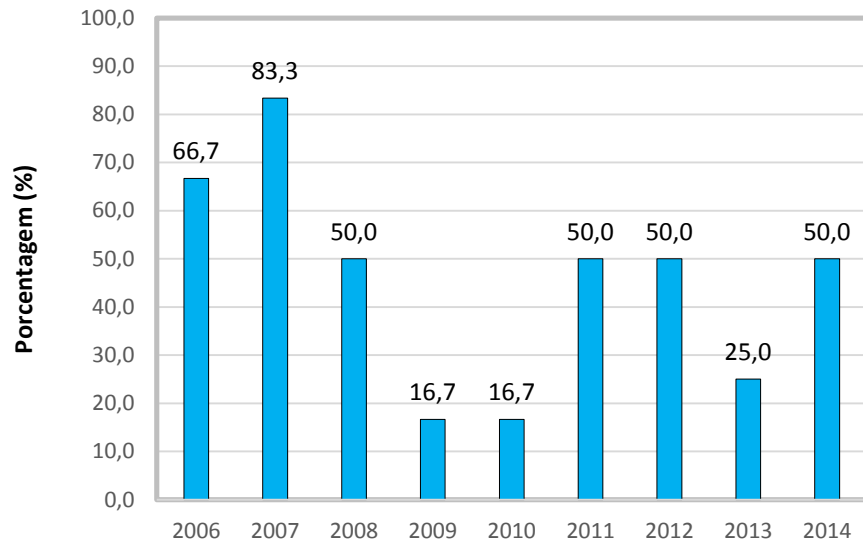


Evolução Temporal

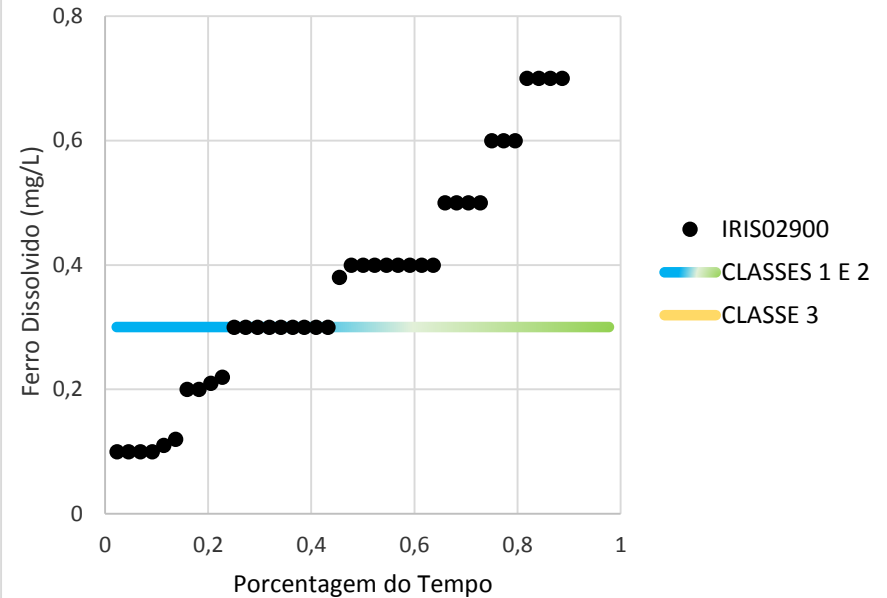


IRIS 02900 – Ferro Dissolvido (mg/L)

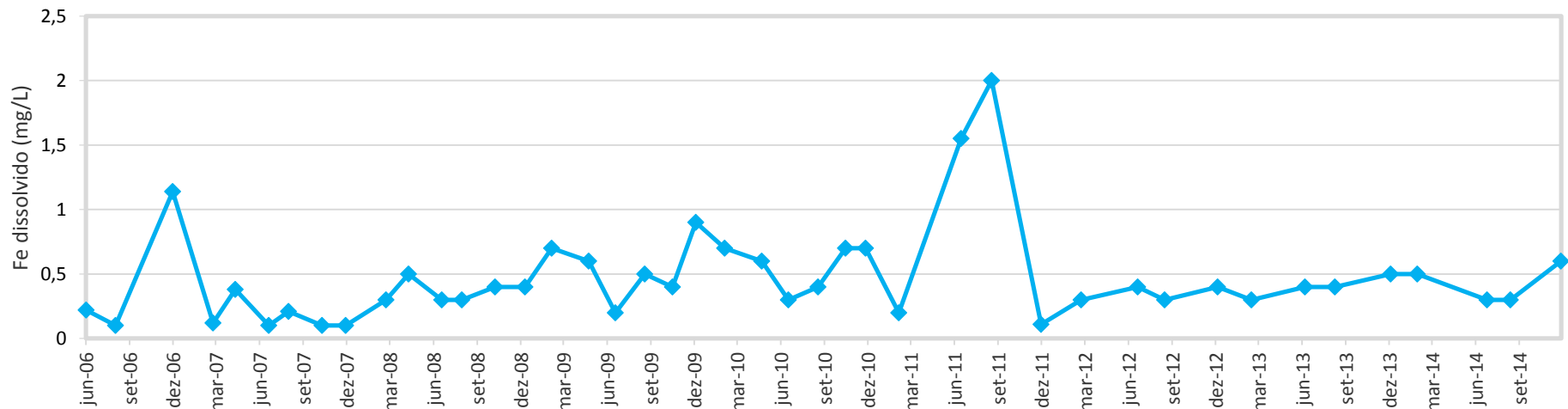
Porcentagem de Atendimento ao Padrão Classe 2 - Fe dissolvido



Curva de Permanência

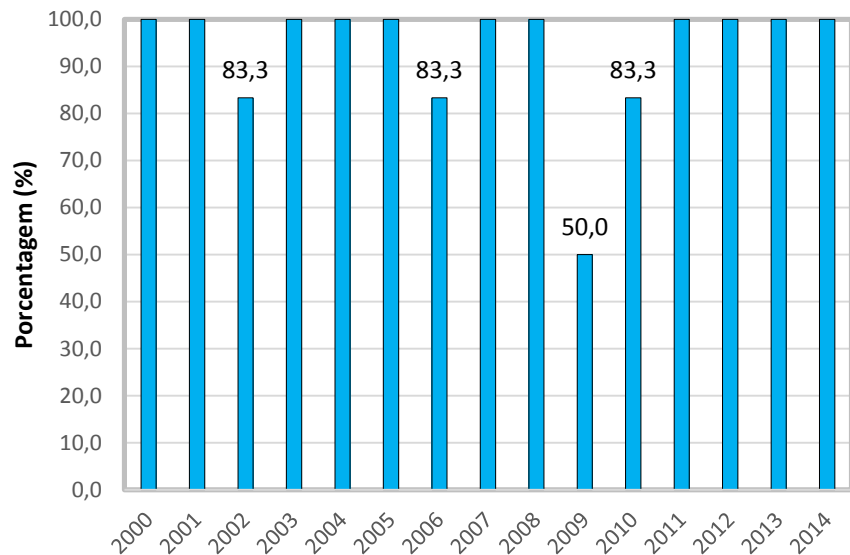


Evolução Temporal

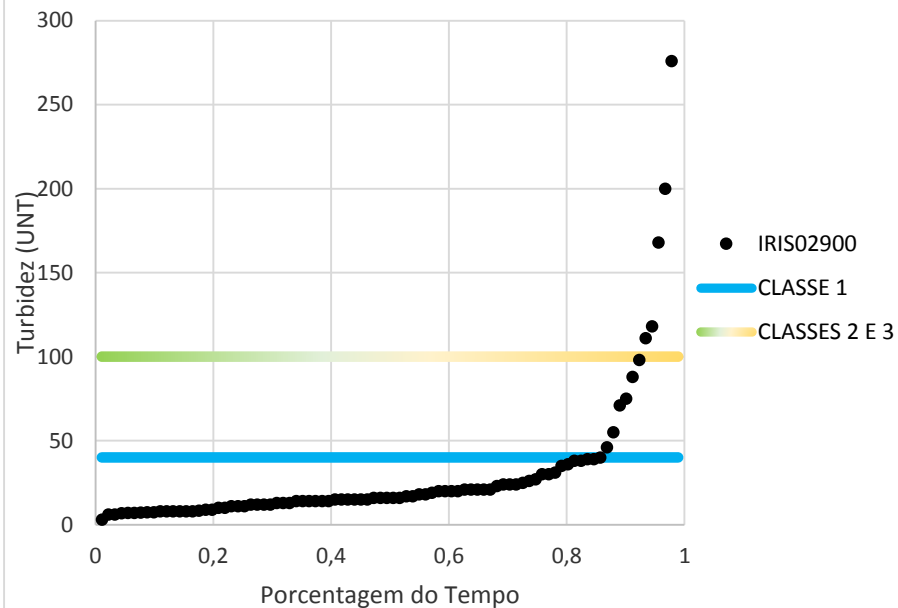


IRIS 02900 – Turbidez (UNT)

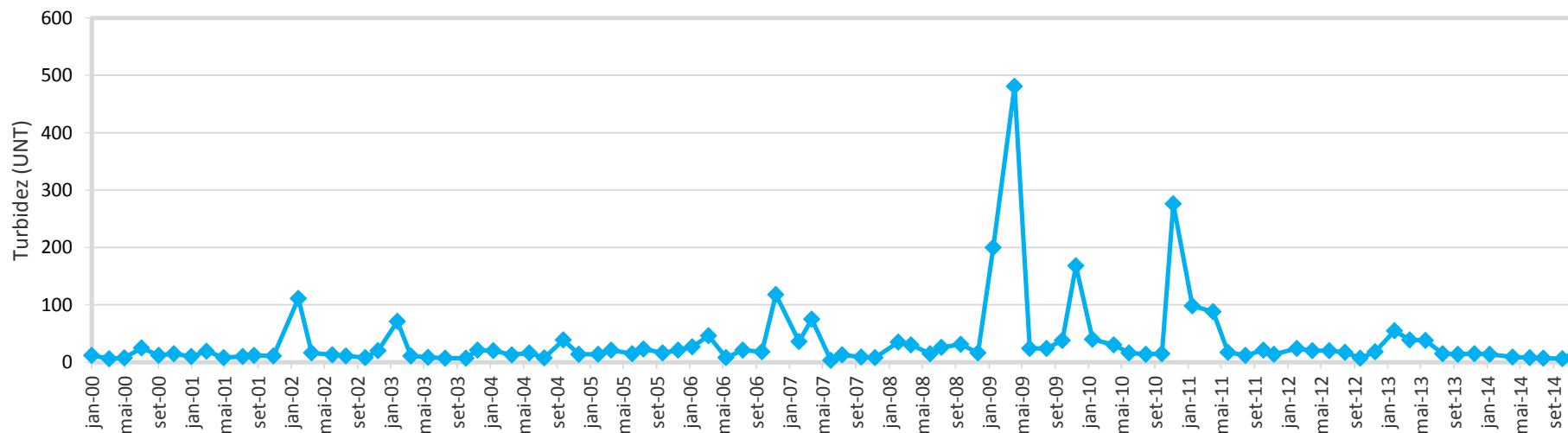
Porcentagem de Atendimento ao Padrão Classe 2 - Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

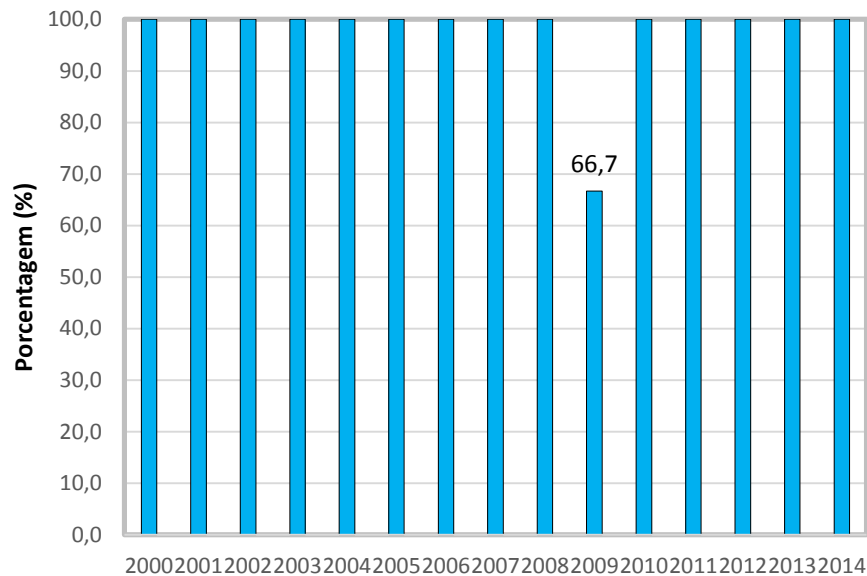


Evolução Temporal

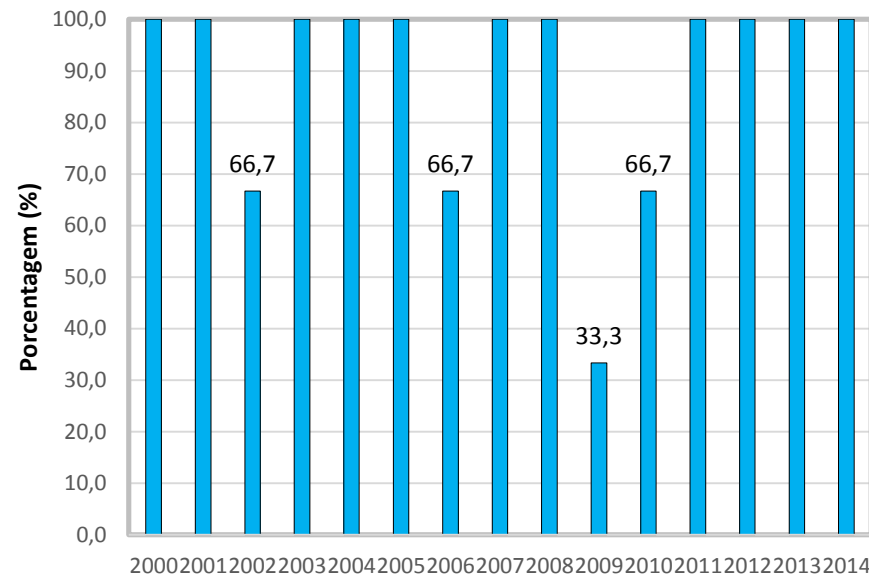


IRIS 02900 – Turbidez (Período Seco x Período Chuvoso)

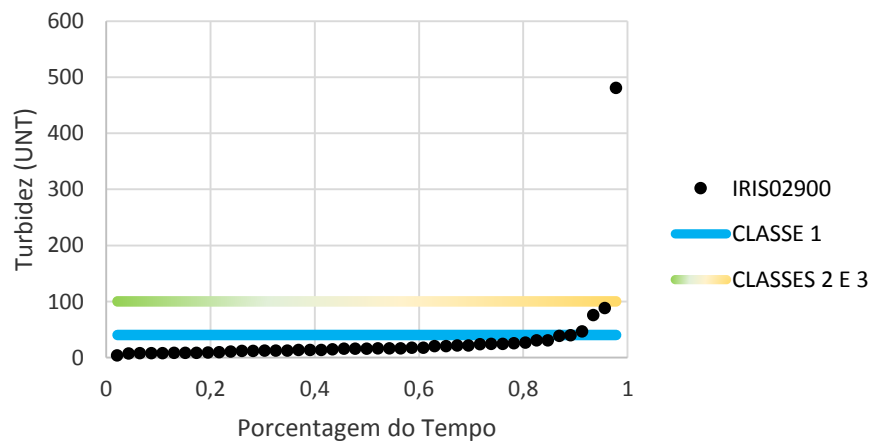
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (seco)



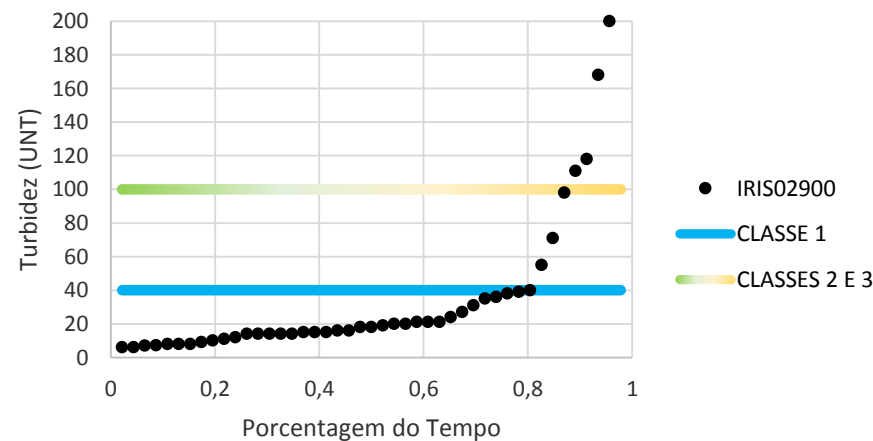
Porcentagem de Atendimento ao Padrão Classe 2 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

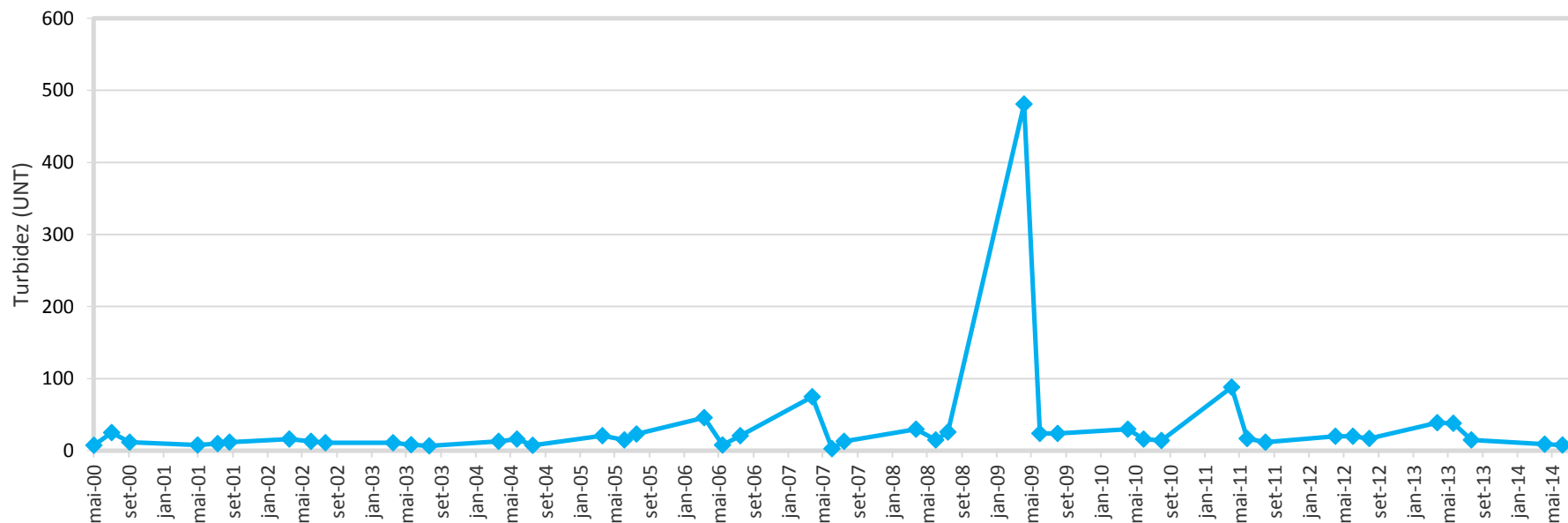


Curva de Permanência- Turbidez
(Período Chuvoso)

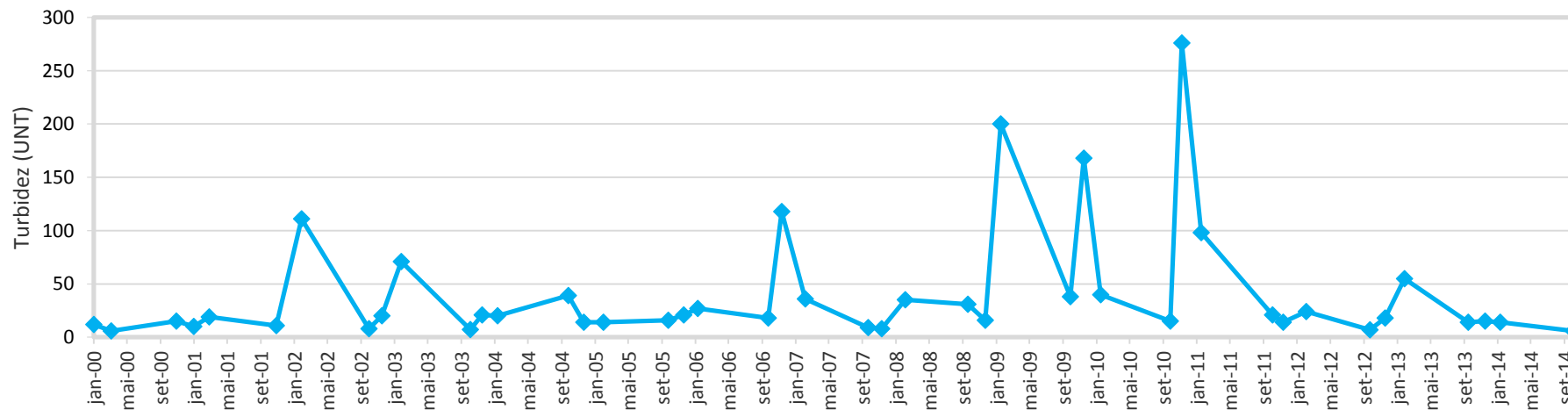


IRIS 02900 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



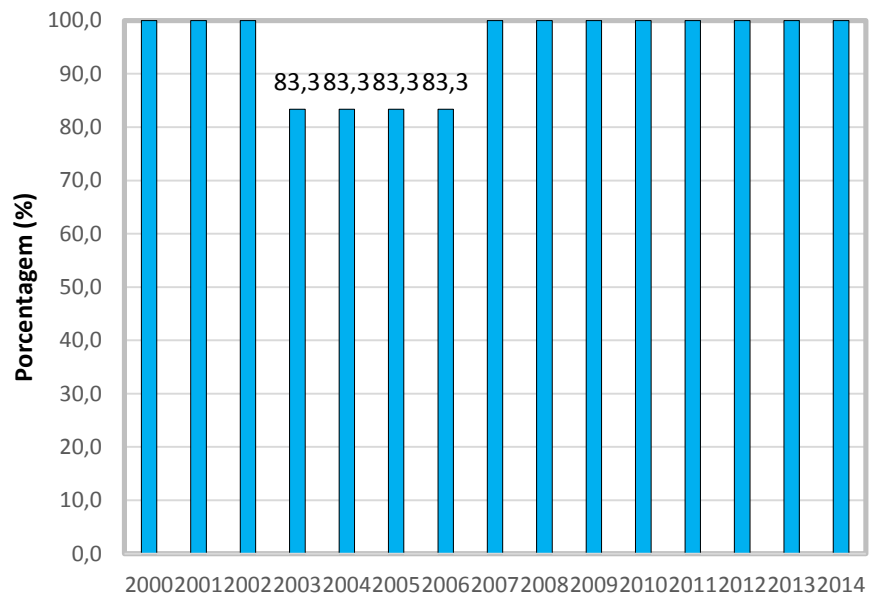
Evolução Temporal - Período Chuvoso



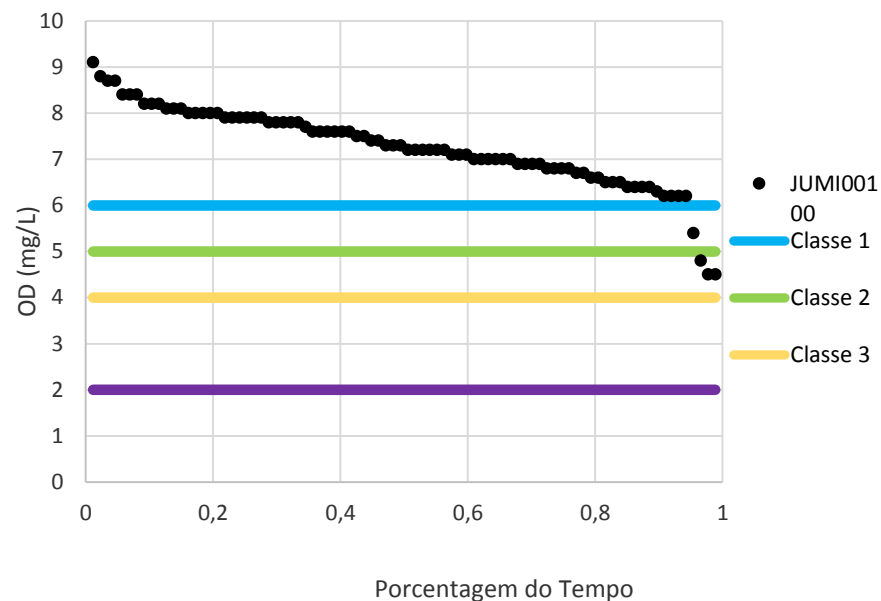
Rio Jundiaí-Mirim
JUMI 00100

JUMI 00100 – Oxigênio Dissolvido (mg/L)

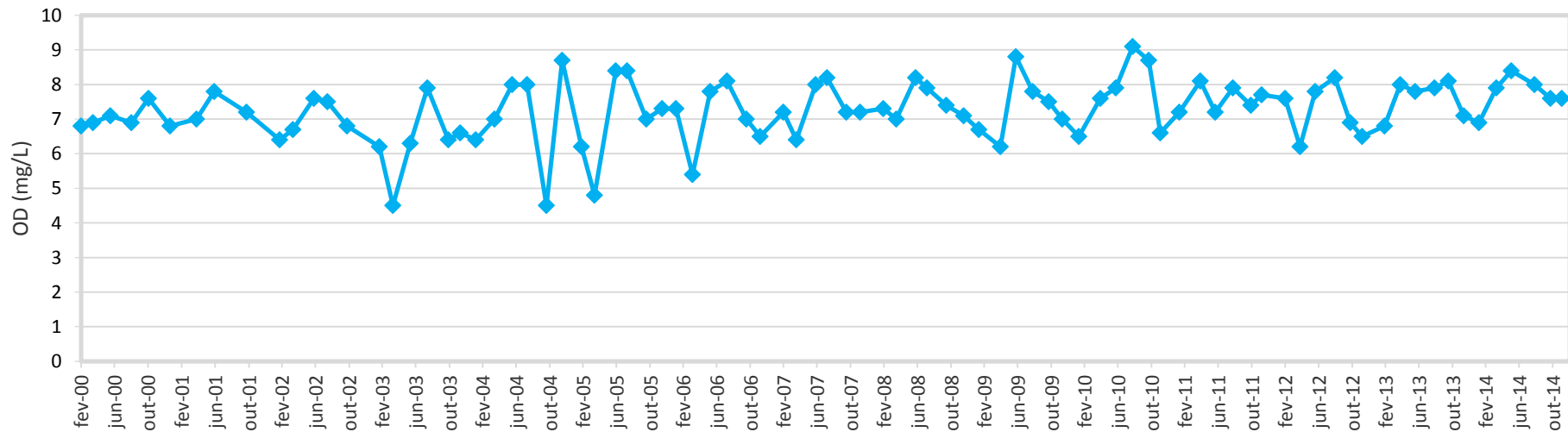
Porcentagem de Atendimento ao Padrão Classe 1 - OD



Curva de Permanência

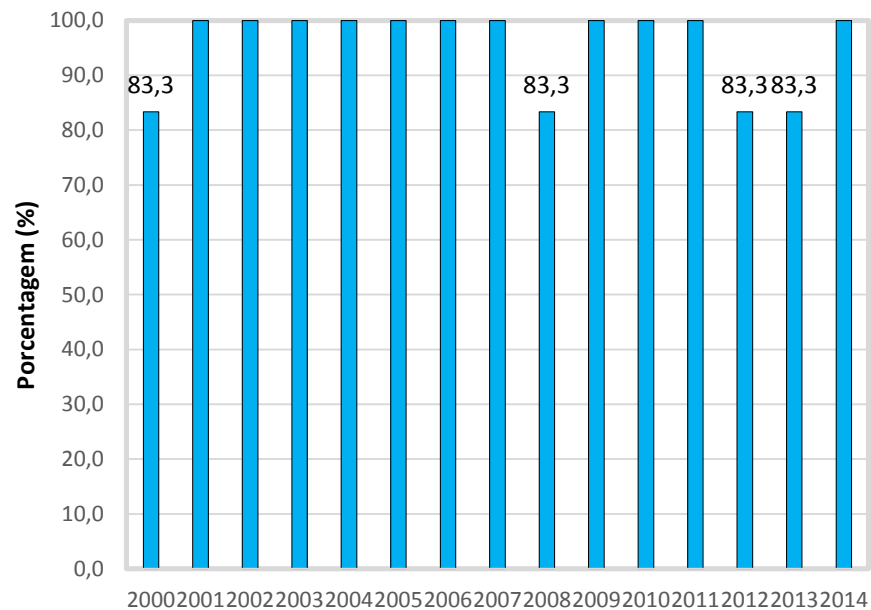


Evolução Temporal

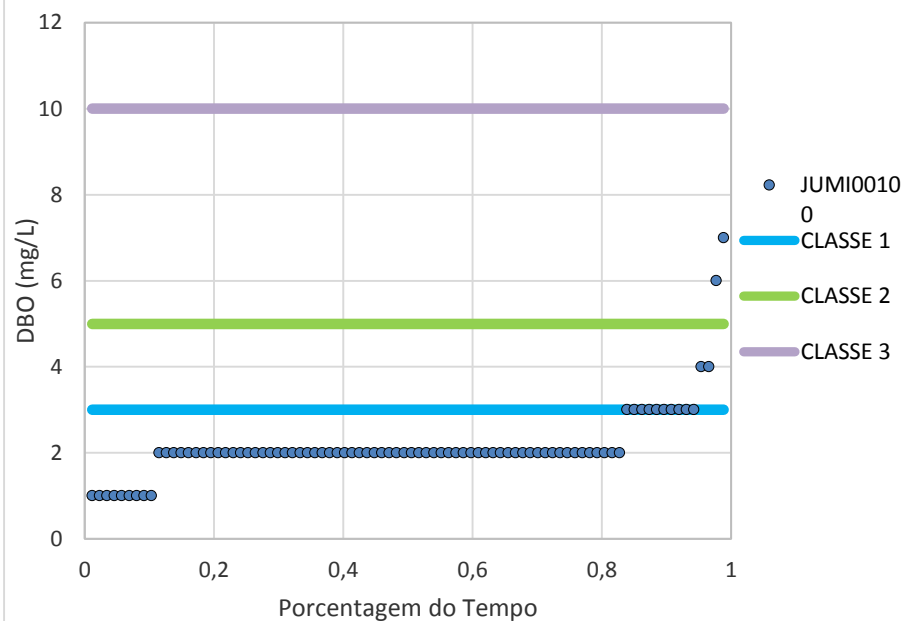


JUMI 00100 – DBO (mg/L)

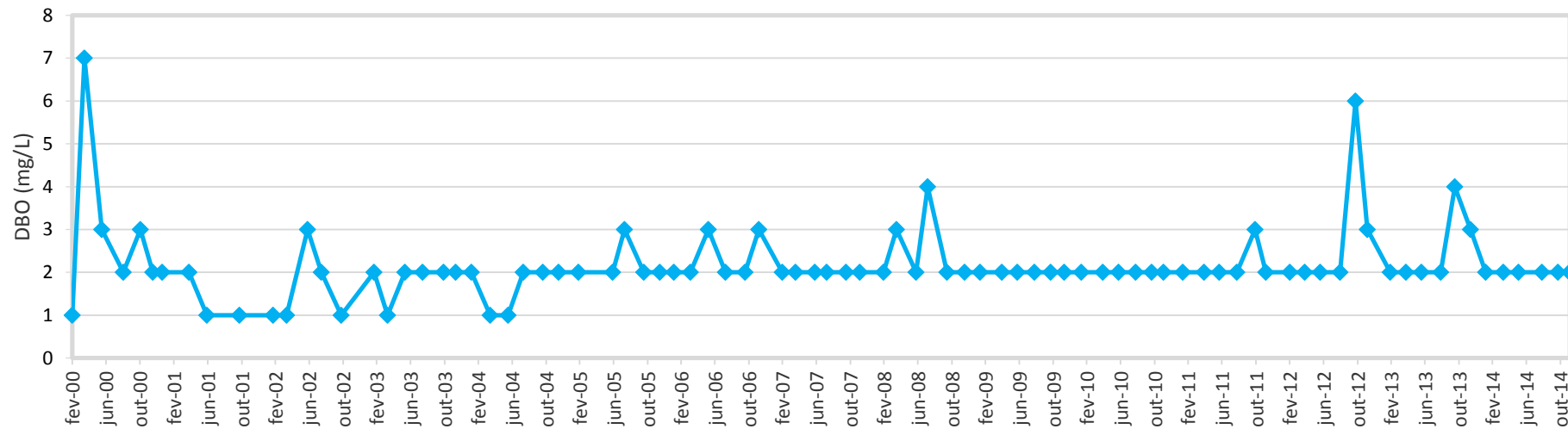
Porcentagem de Atendimento ao Padrão Classe 1 - DBO



Curva de Permanência

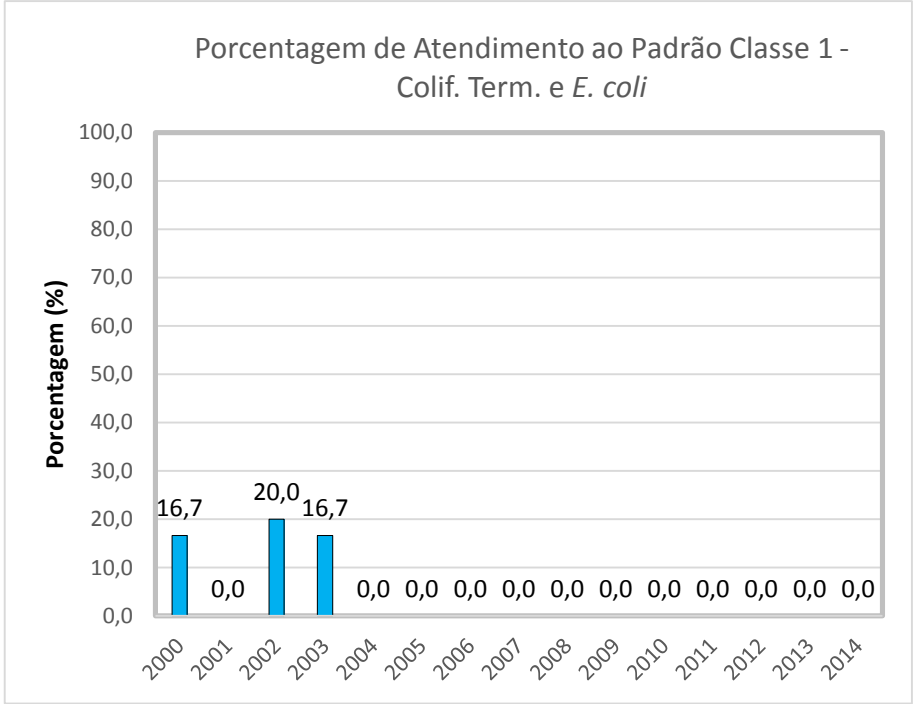


Evolução Temporal

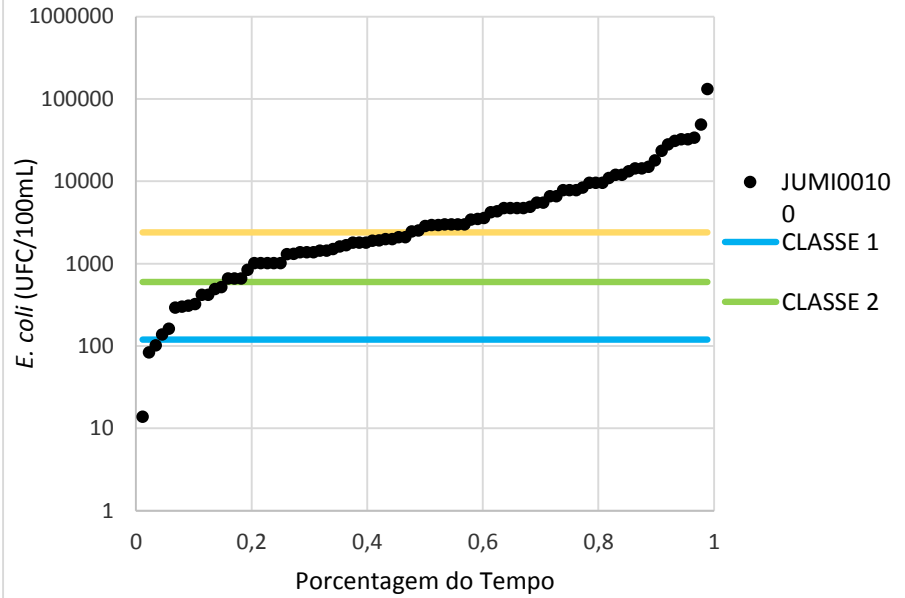


JUMI 00100 – *Escherichia coli* (UFC/100mL)

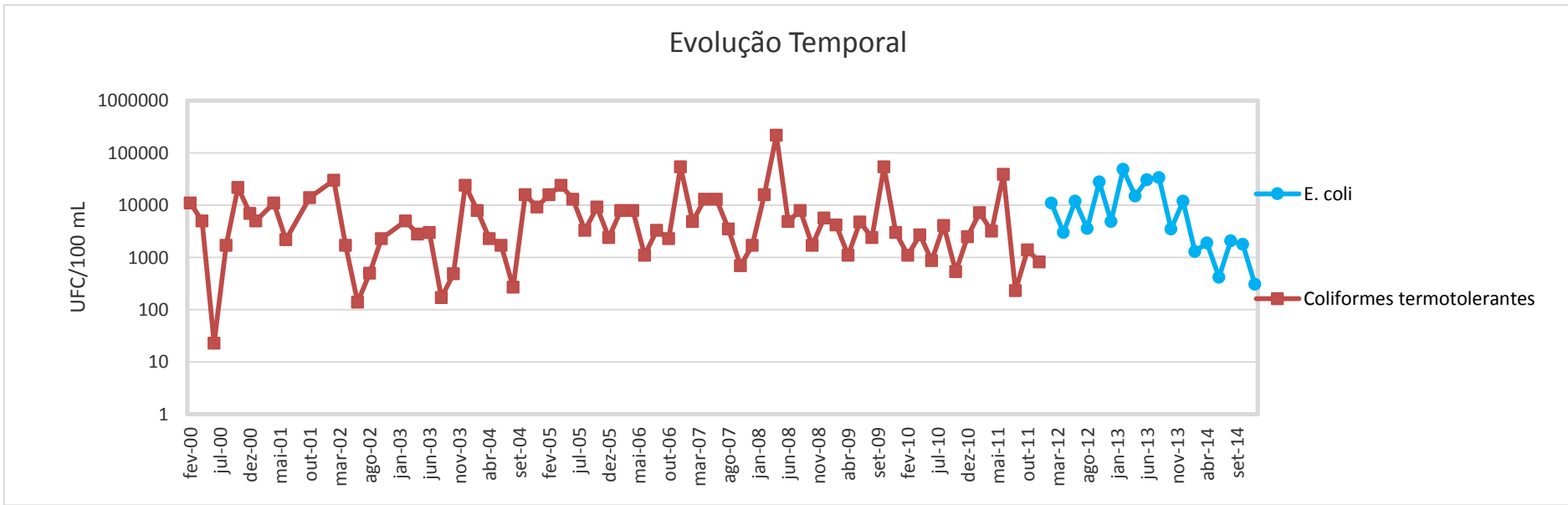
Porcentagem de Atendimento ao Padrão Classe 1 -
Colif. Term. e *E. coli*



Curva de Permanência

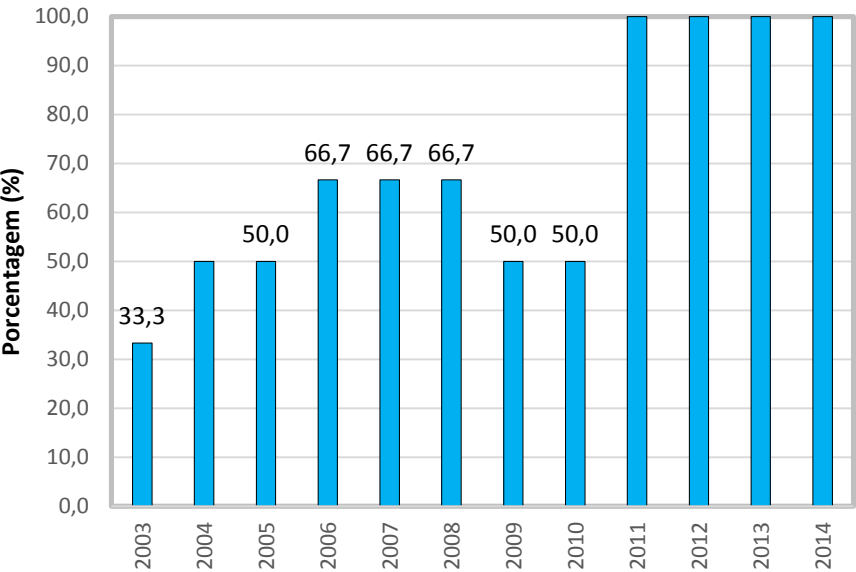


Evolução Temporal

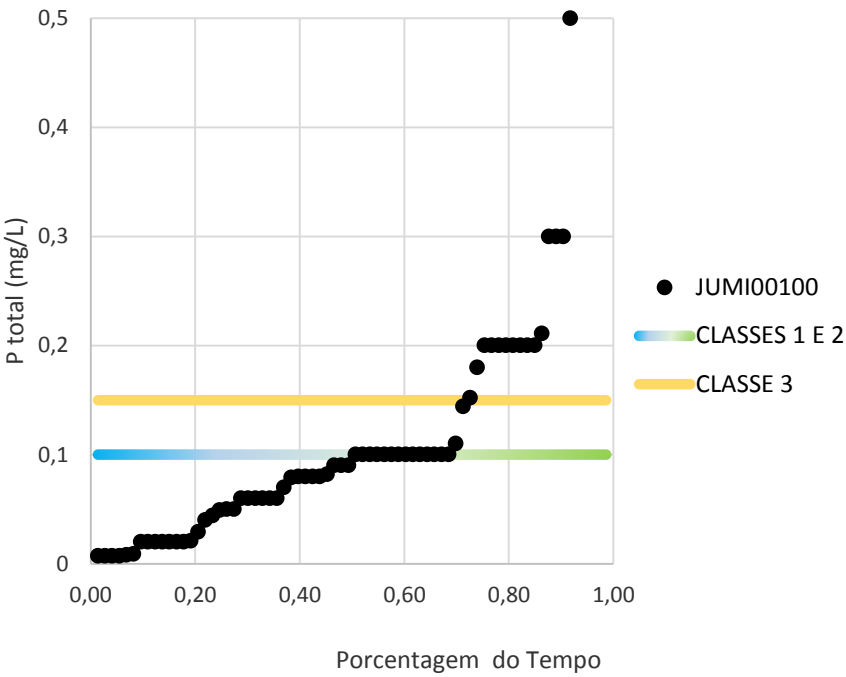


JUMI 00100 – Fósforo Total (mg/L)

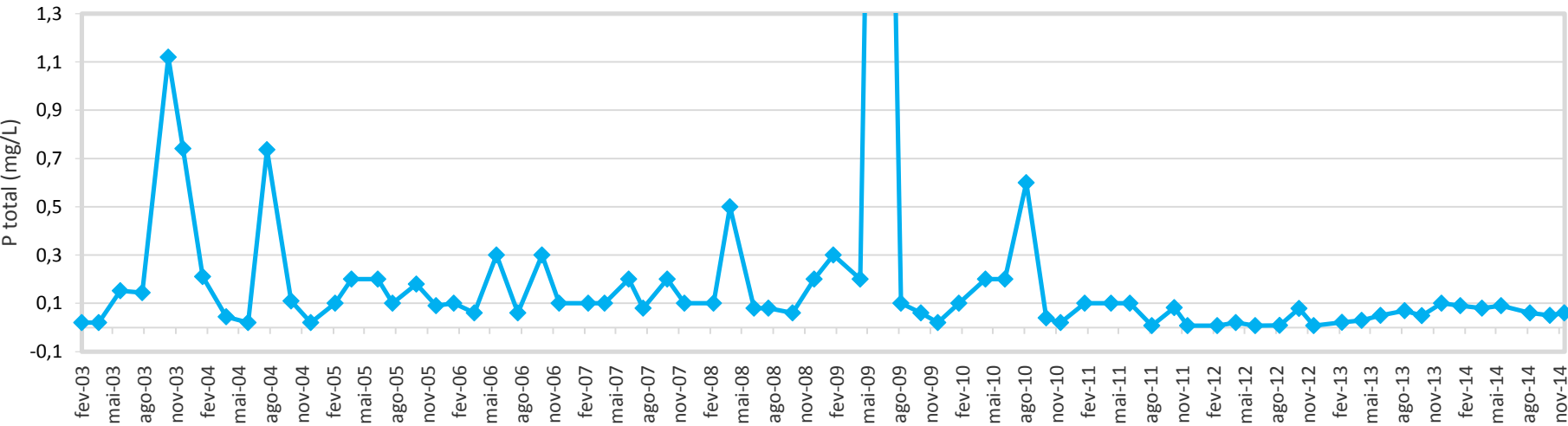
Porcentagem de Atendimento ao Padrão Classe 1 - P total



Curva de Permanência

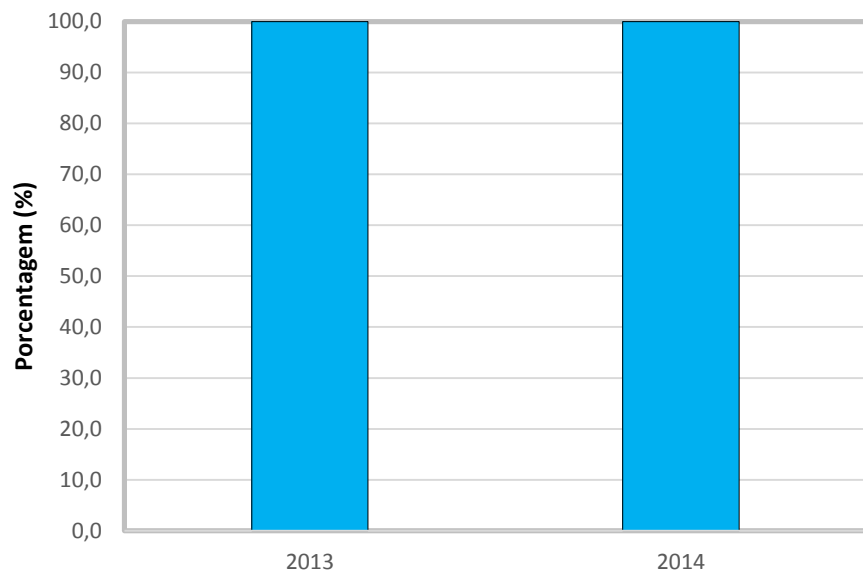


Evolução Temporal

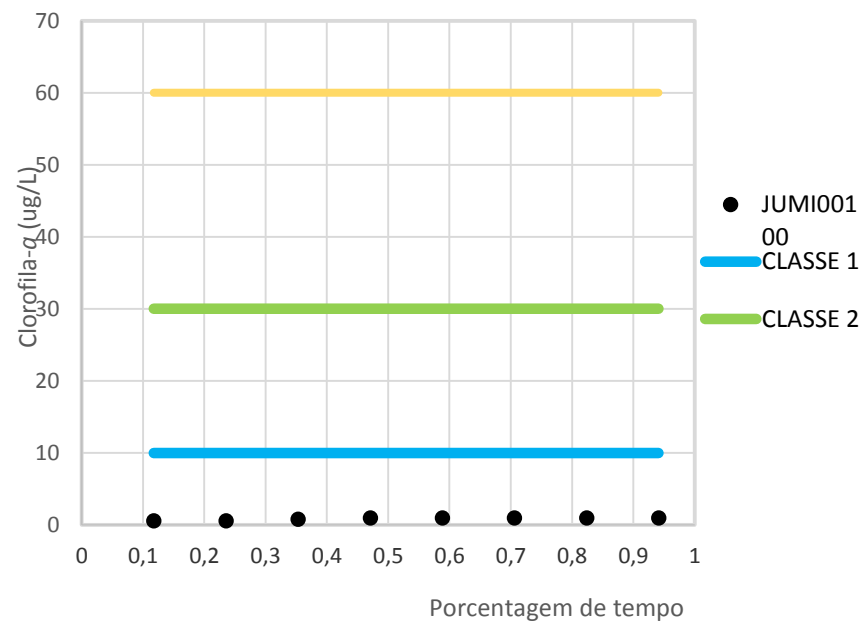


JUMI 00100 – Clorofila-*a* (µg/L)

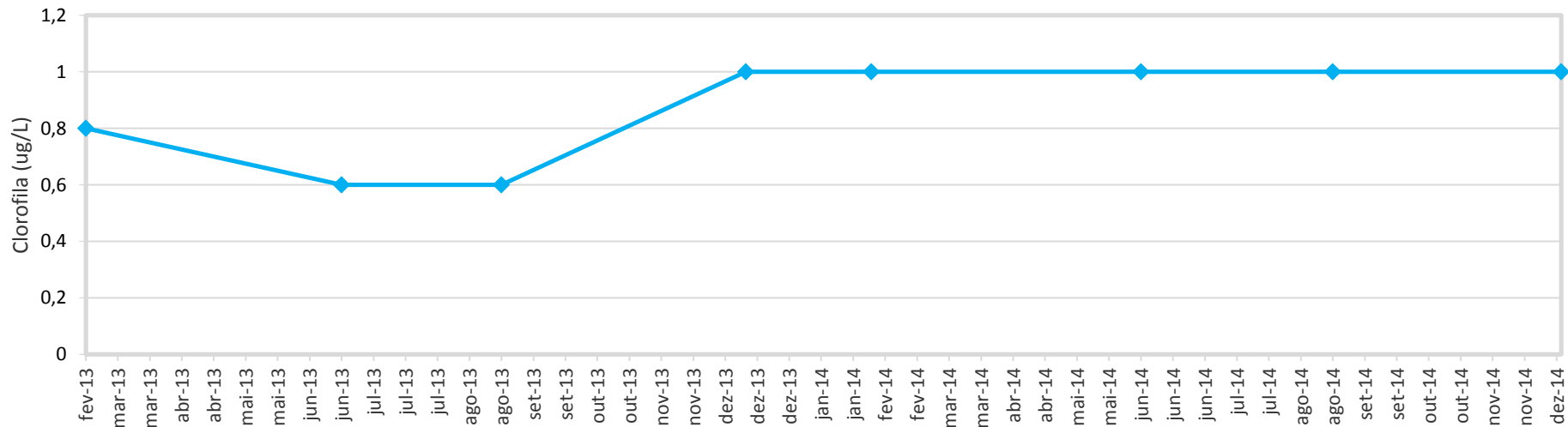
Porcentagem de Atendimento ao Padrão Classe 1 -
Clorofila-*a*



Curva de Permanência

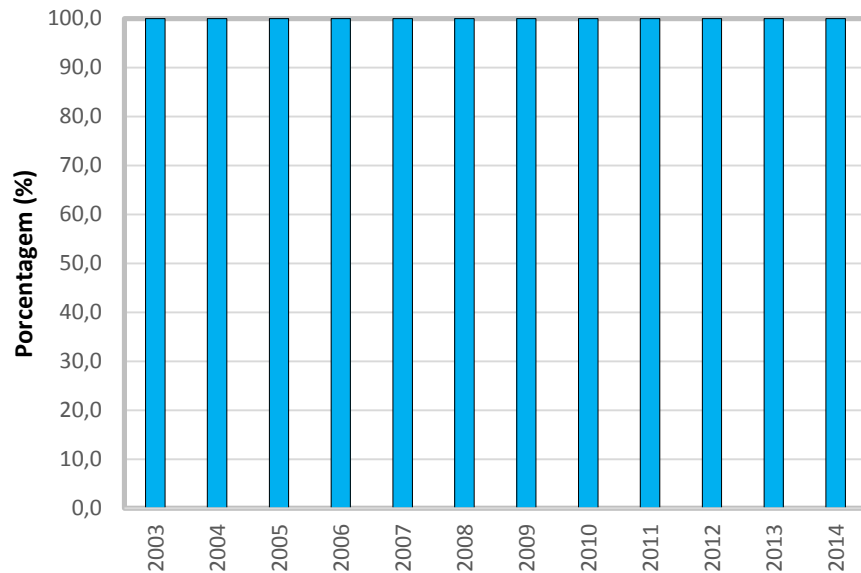


Evolução Temporal

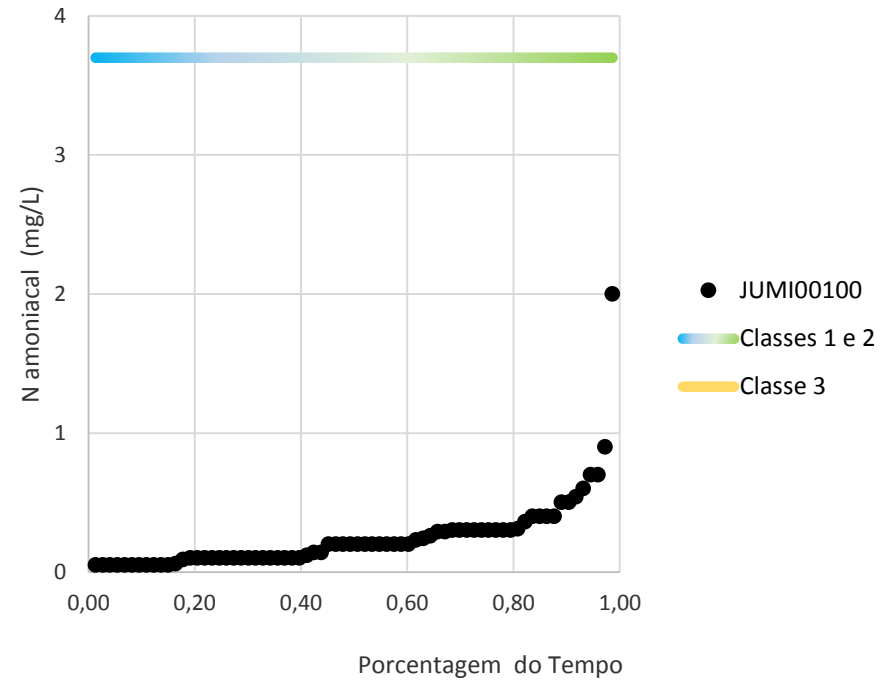


JUMI 00100 – Nitrogênio Amoniacal (mg/L)

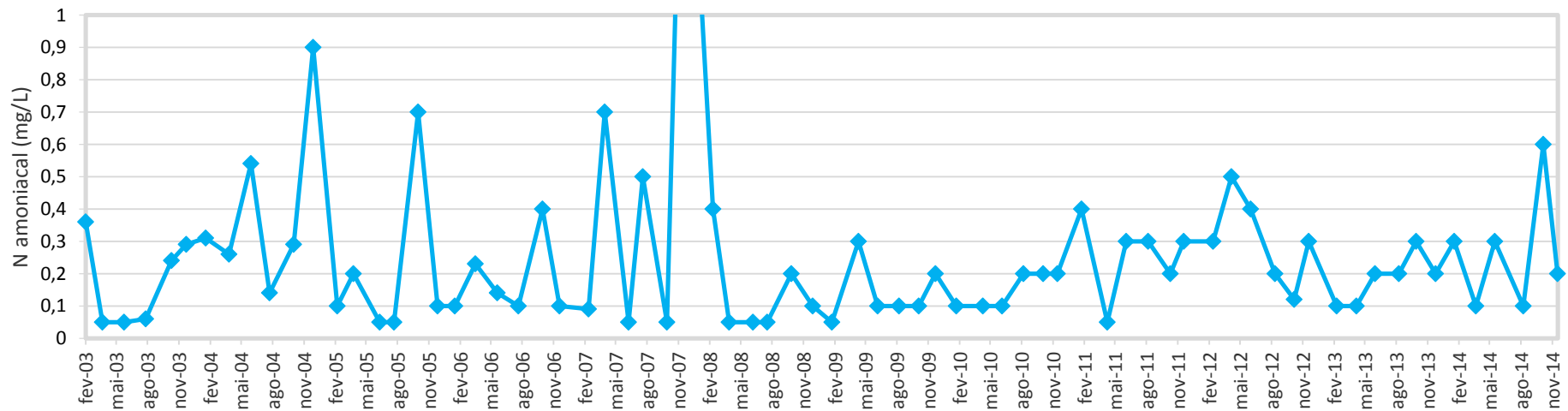
Porcentagem de Atendimento ao Padrão Classe 1 - N amoniacal



Curva de Permanência

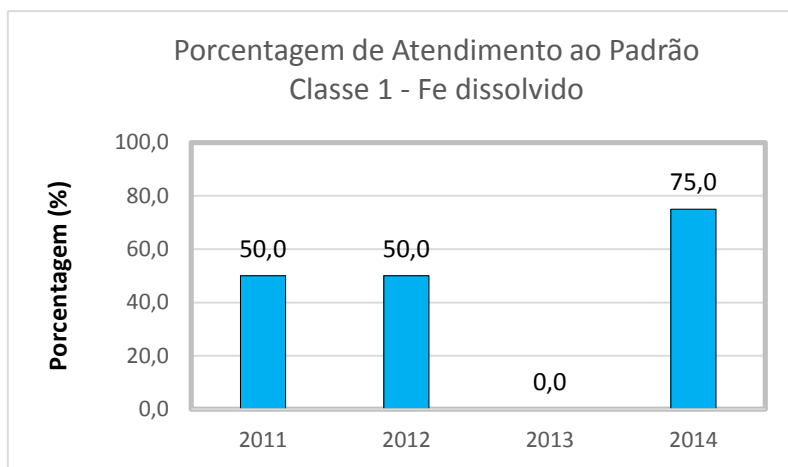


Evolução Temporal

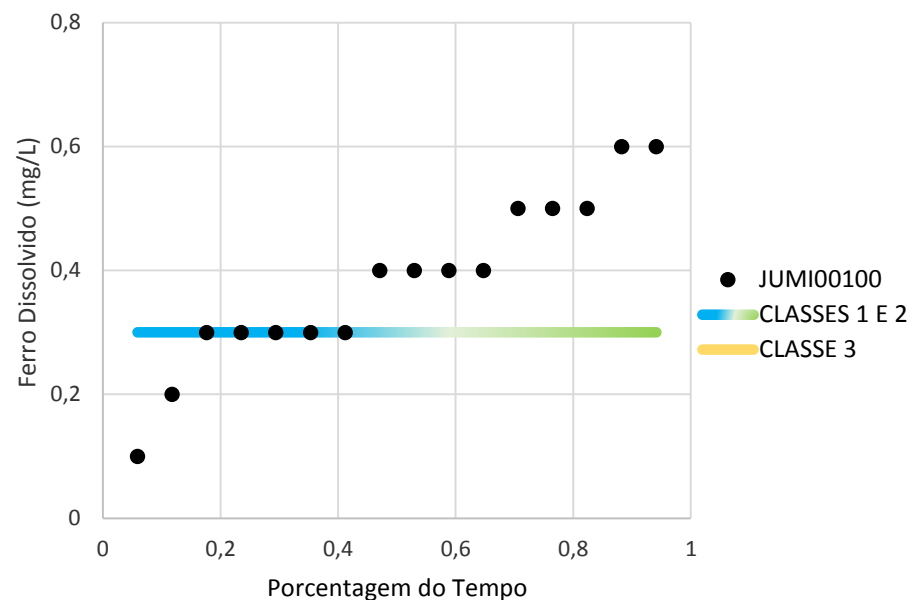


JUMI 00100 – Ferro Dissolvido (mg/L)

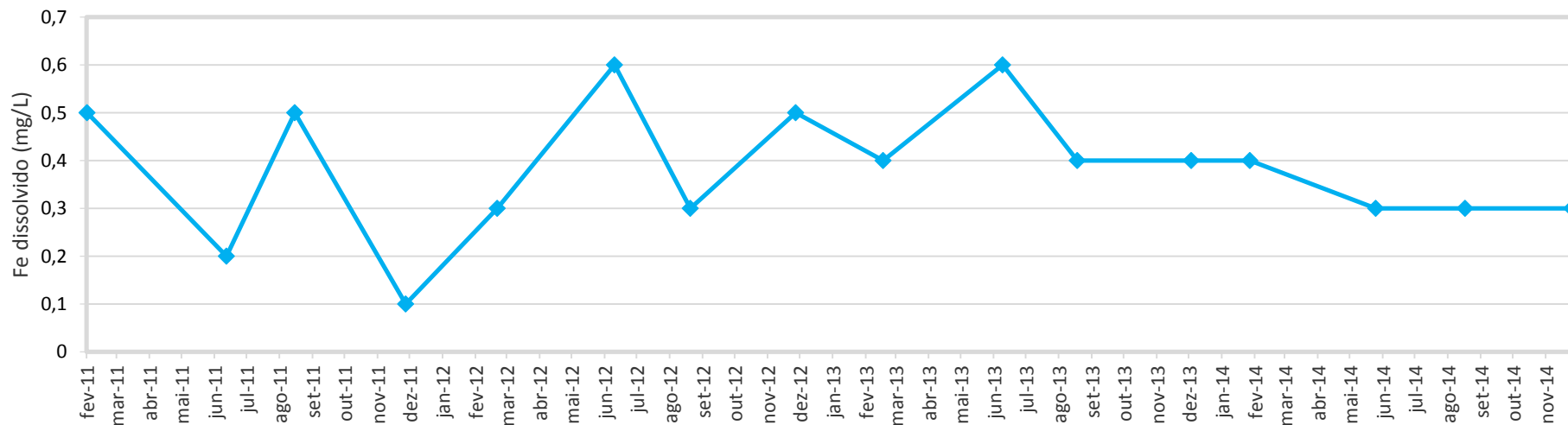
Atendimento ao Padrão Classe 1



Curva de Permanência

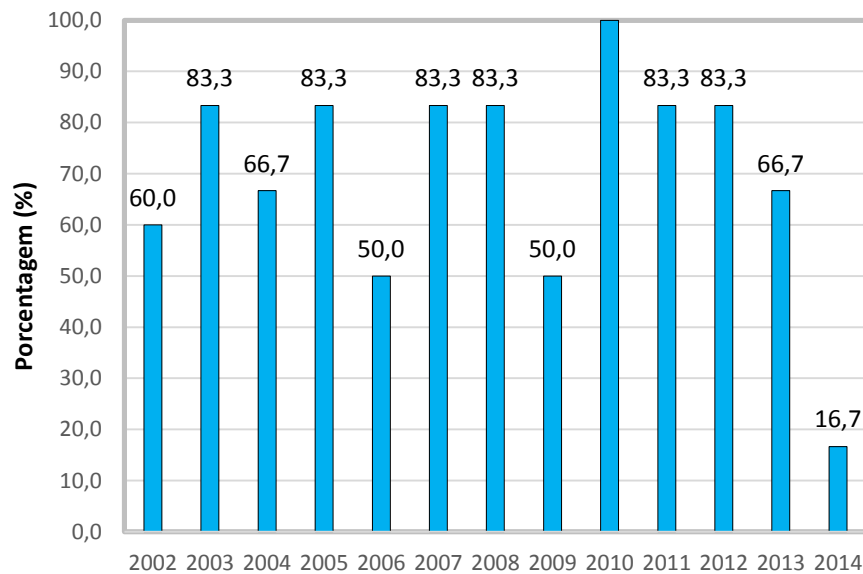


Evolução Temporal

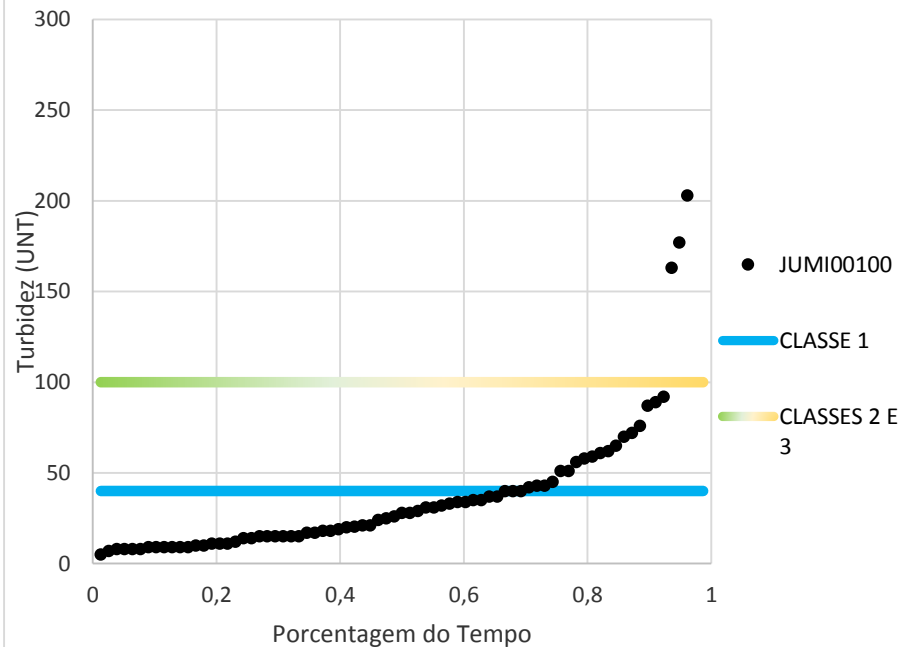


JUMI 00100 – Turbidez (UNT)

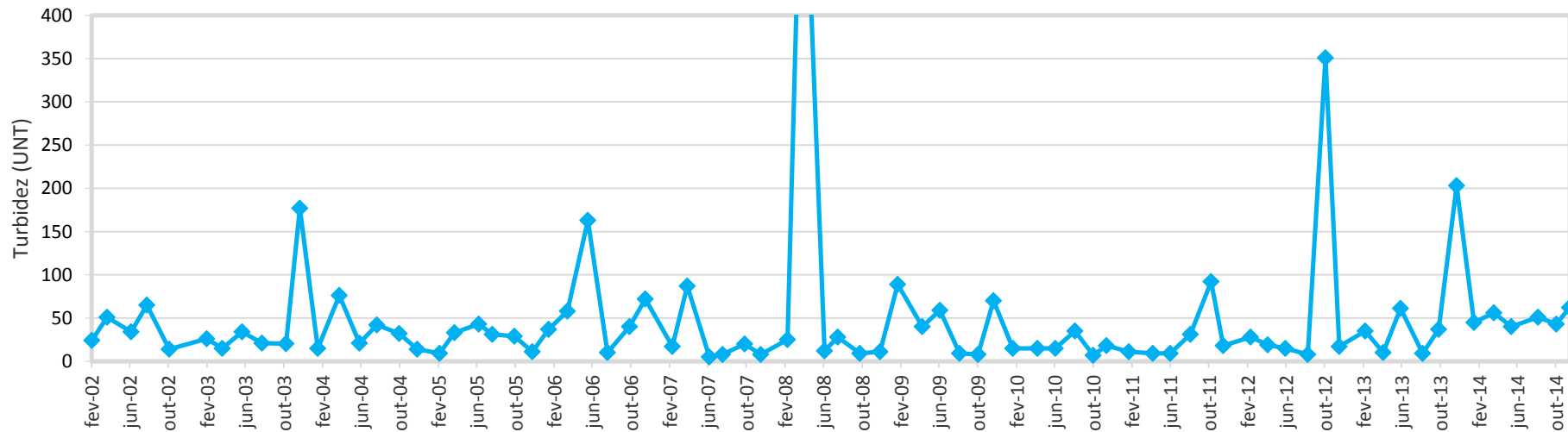
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

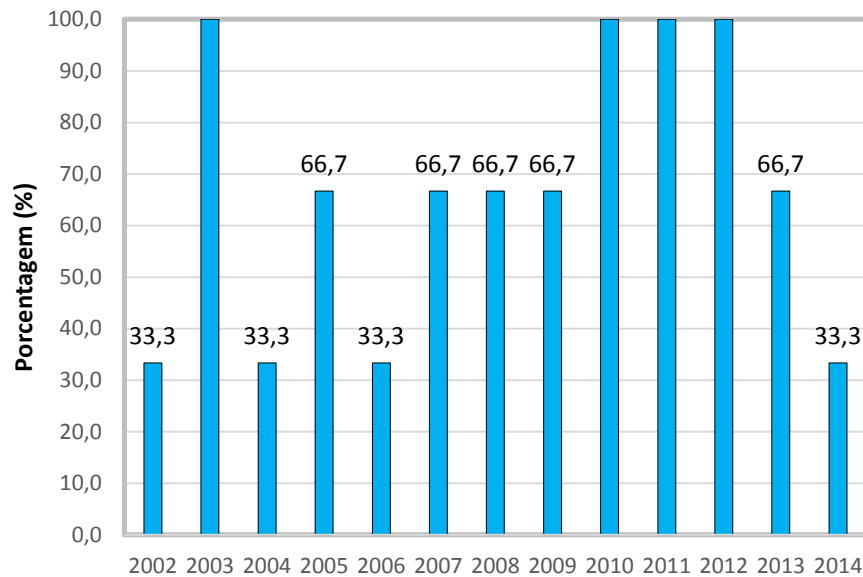


Evolução Temporal

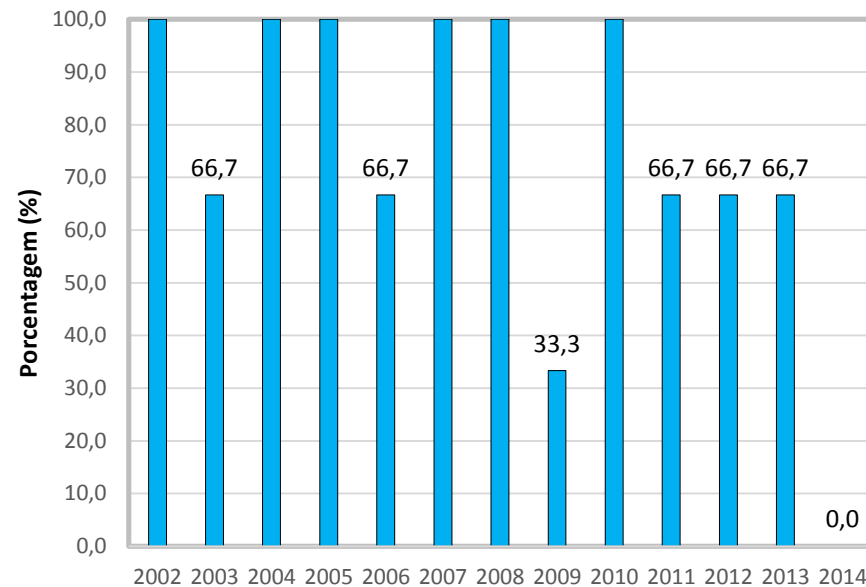


JUMI 00100 – Turbidez (Período Seco x Período Chuvoso)

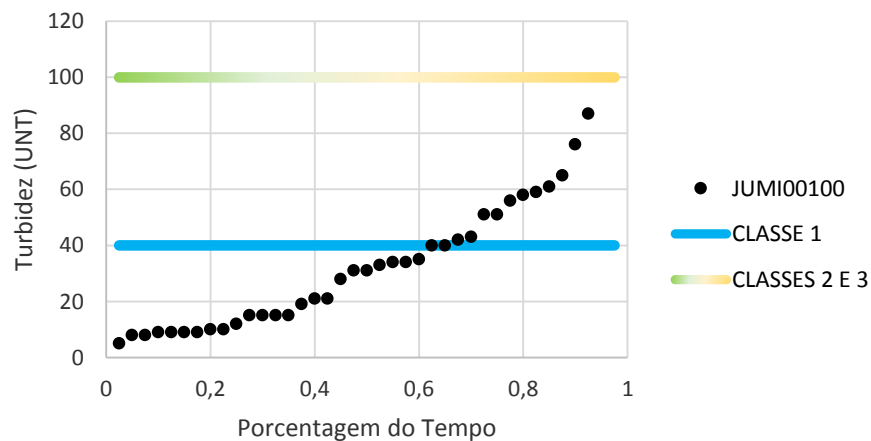
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (seco)



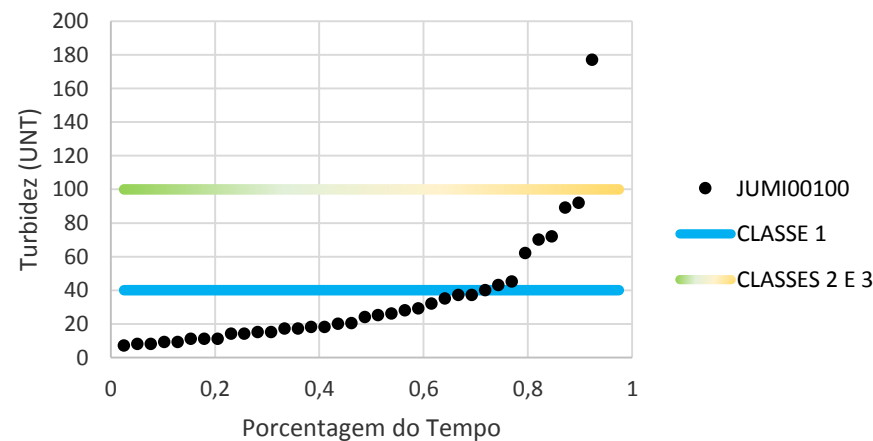
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

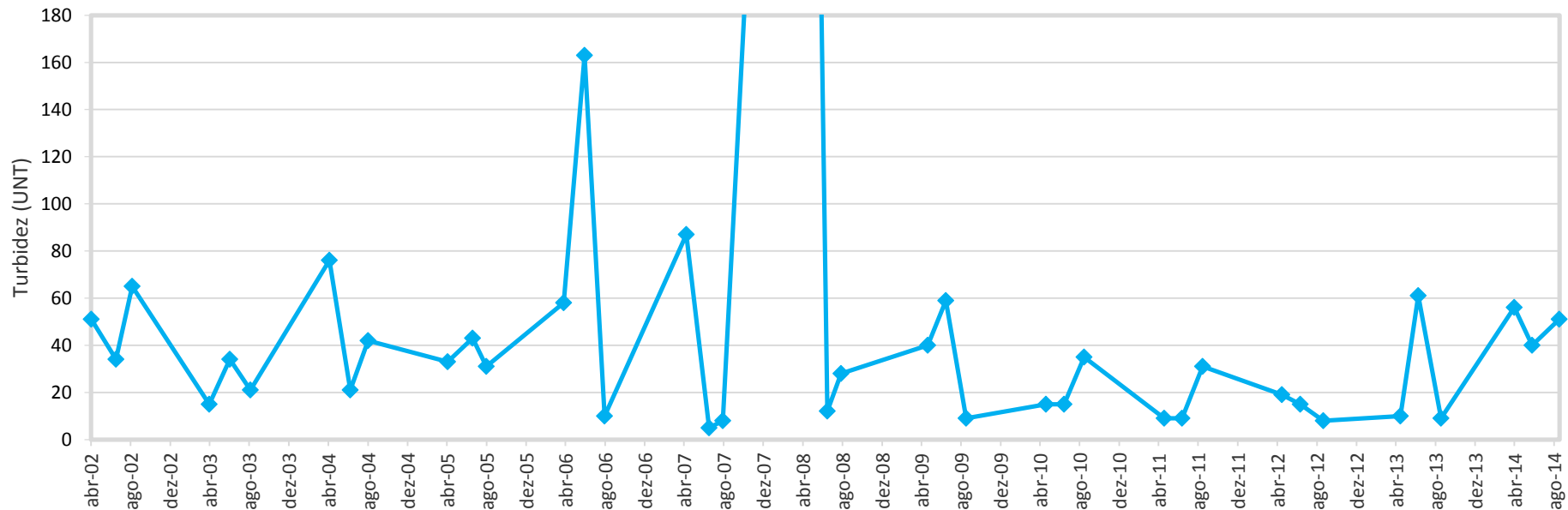


Curva de Permanência- Turbidez
(Período Chuvoso)

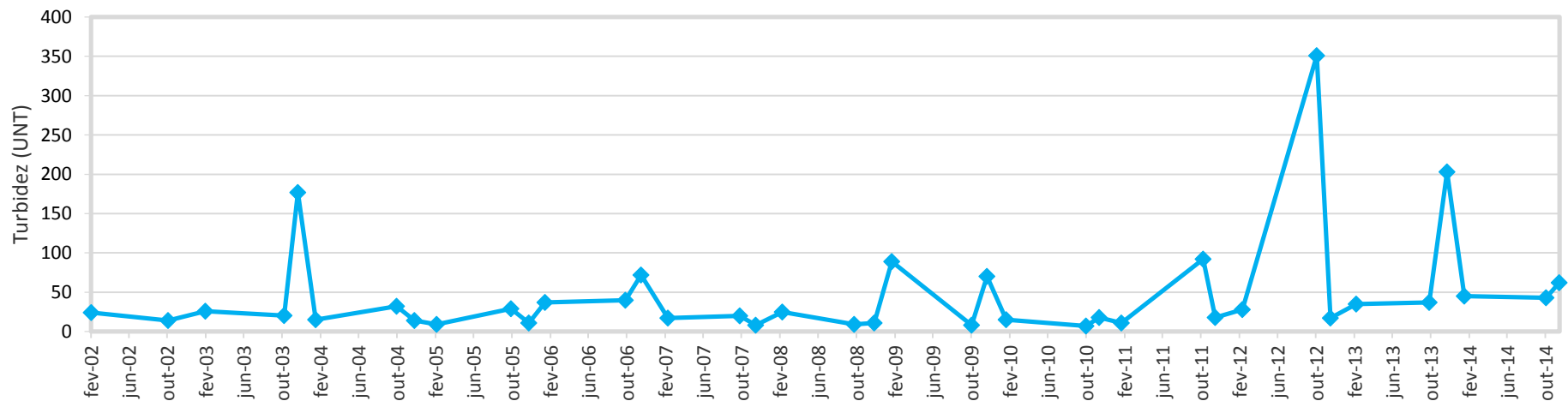


JUMI 00100 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



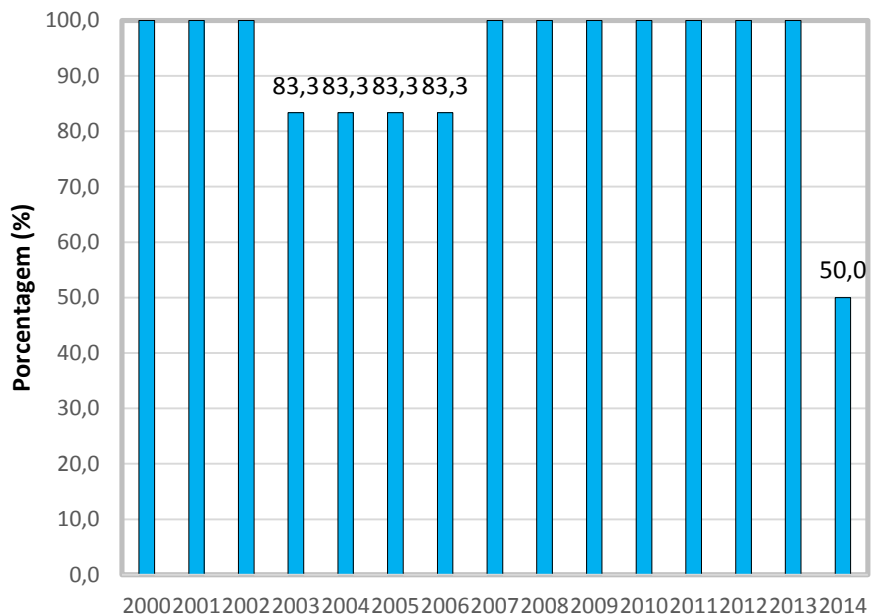
Evolução Temporal - Período Chuvoso



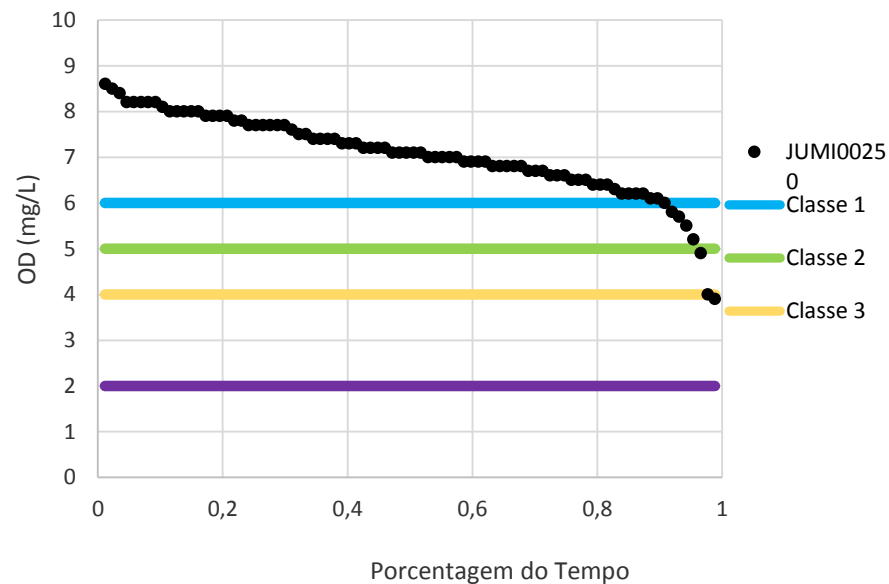
Rio Jundiaí-Mirim
JUMI 00250

JUMI 00250 – Oxigênio Dissolvido (mg/L)

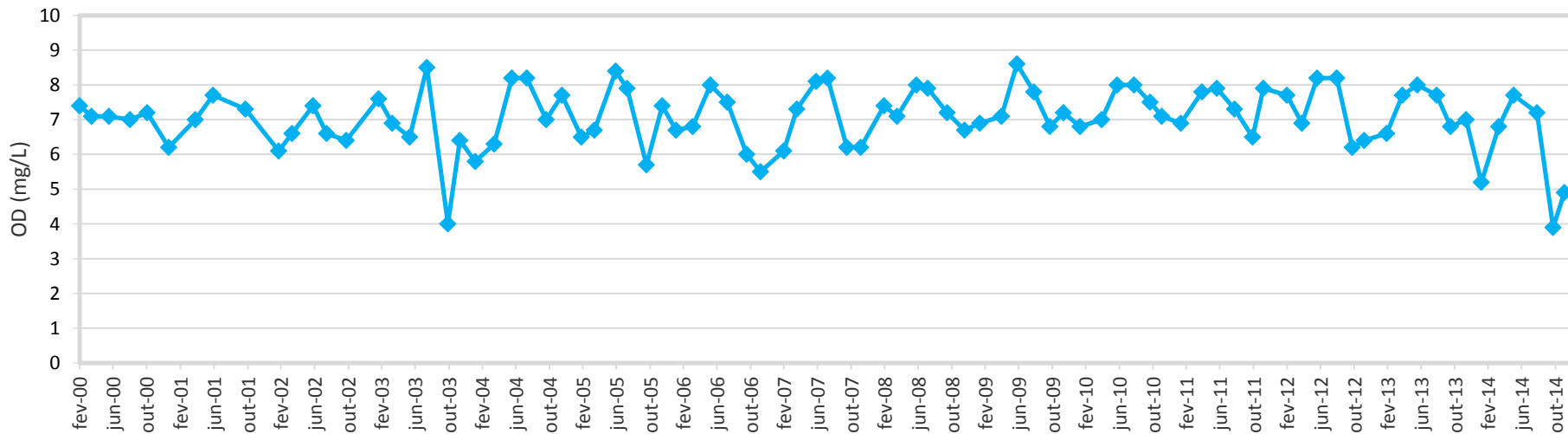
Porcentagem de Atendimento ao Padrão Classe 1 - OD



Curva de Permanência

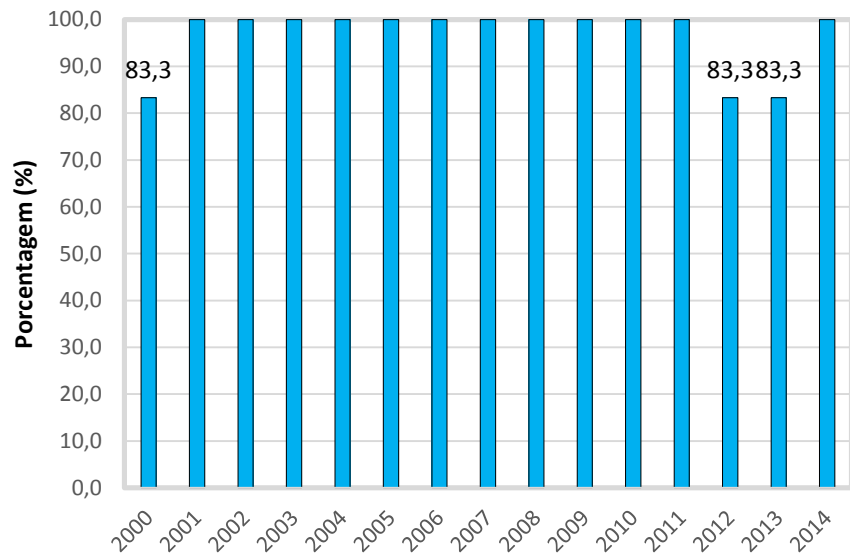


Evolução Temporal

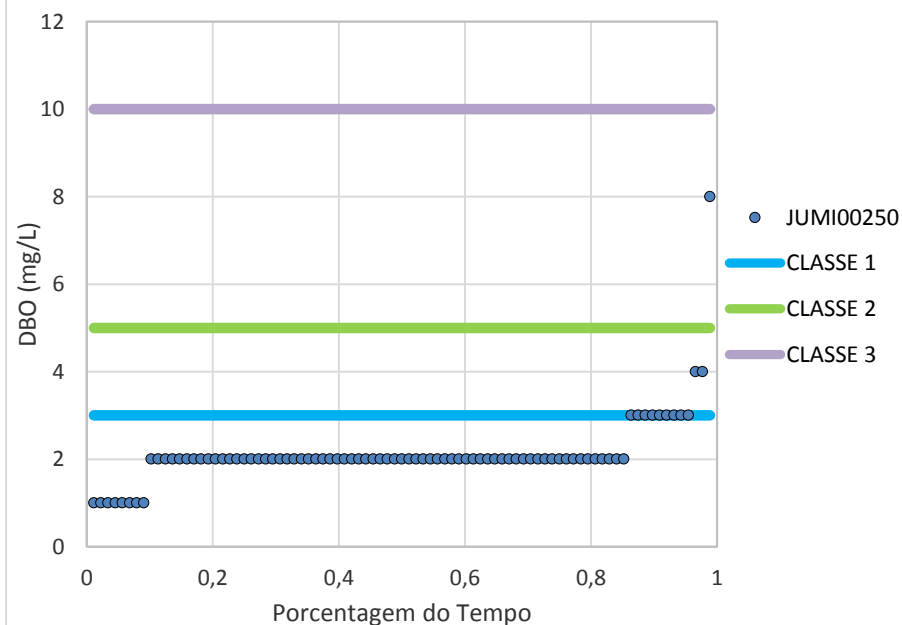


JUMI 00250 – DBO (mg/L)

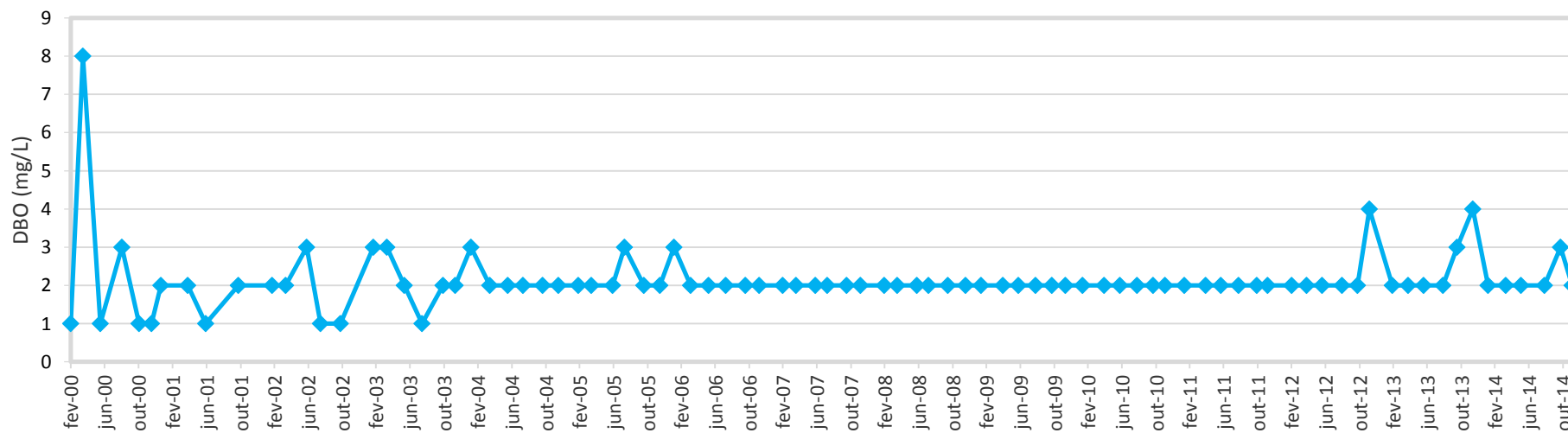
Porcentagem de Atendimento ao Padrão Classe 1 - DBO



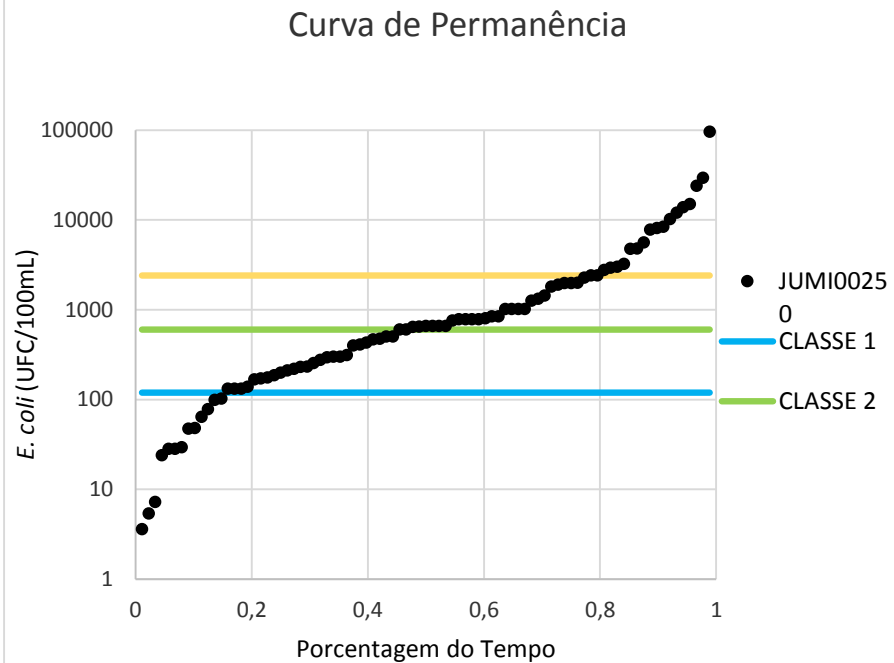
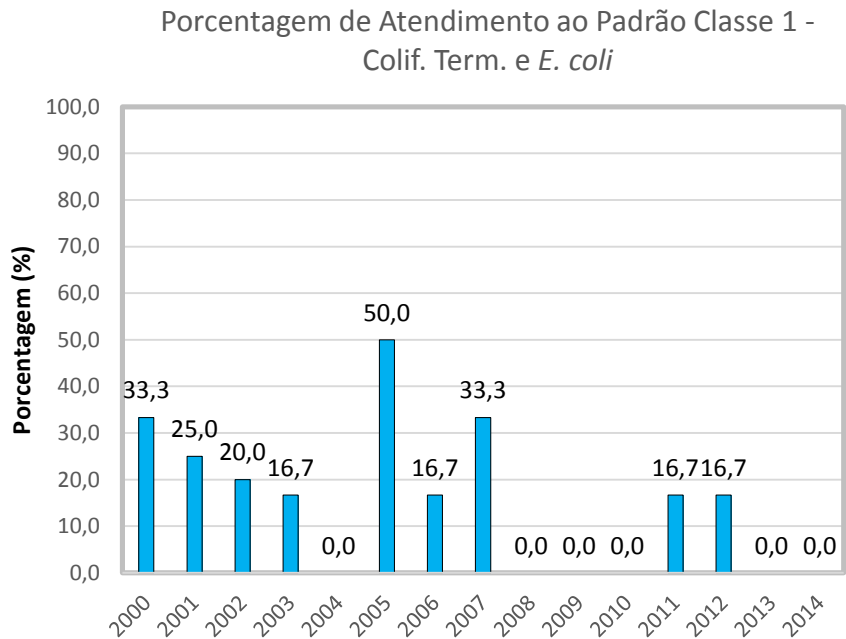
Curva de Permanência



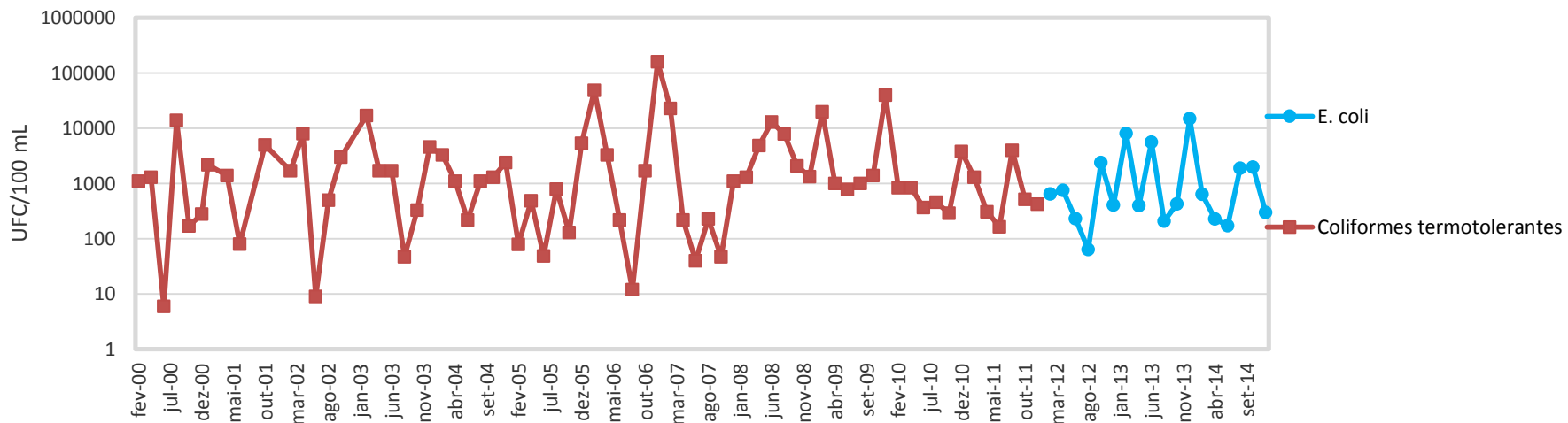
Evolução Temporal



JUMI 00250 – *Escherichia coli* (UFC/100mL)

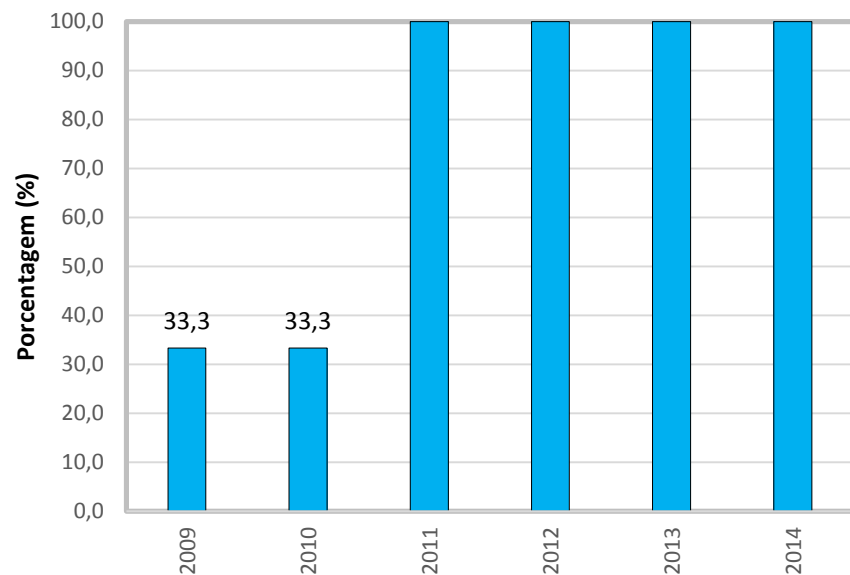


Evolução Temporal

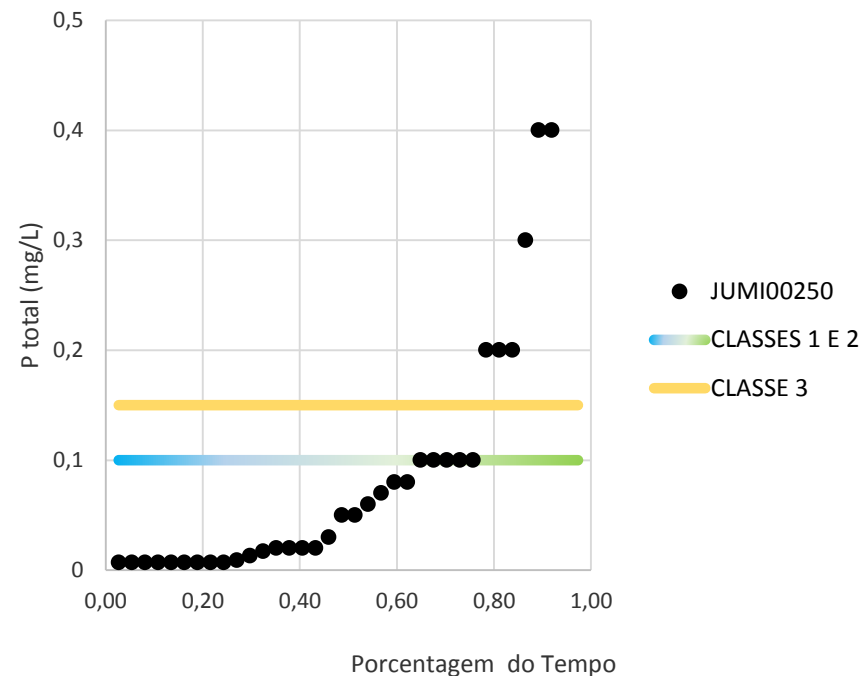


JUMI 00250 – Fósforo Total (mg/L)

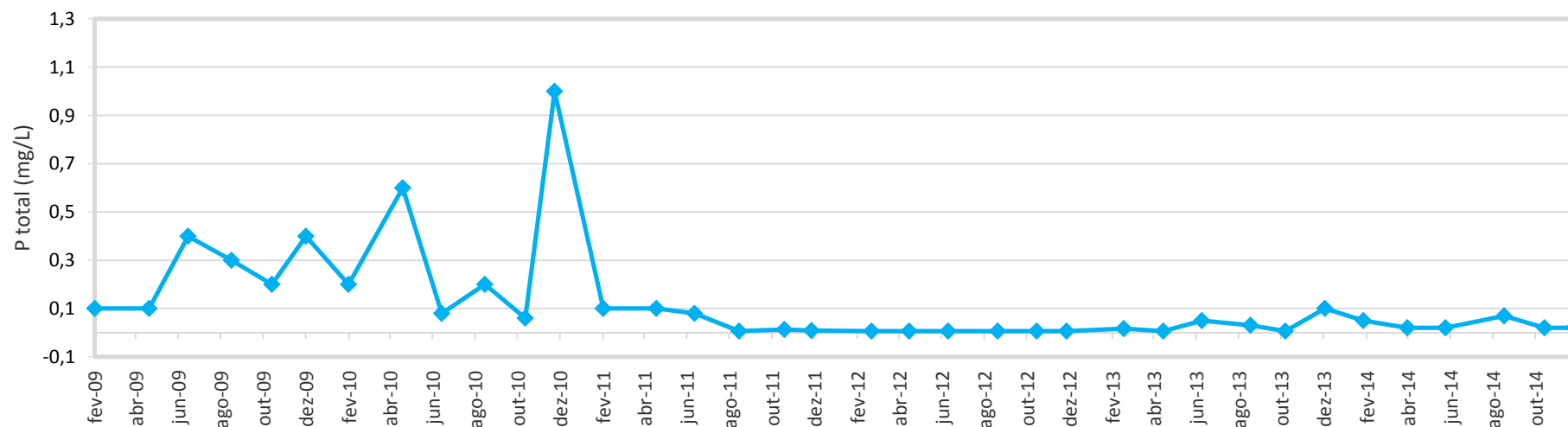
Porcentagem de Atendimento ao Padrão Classe 1 - P total



Curva de Permanência

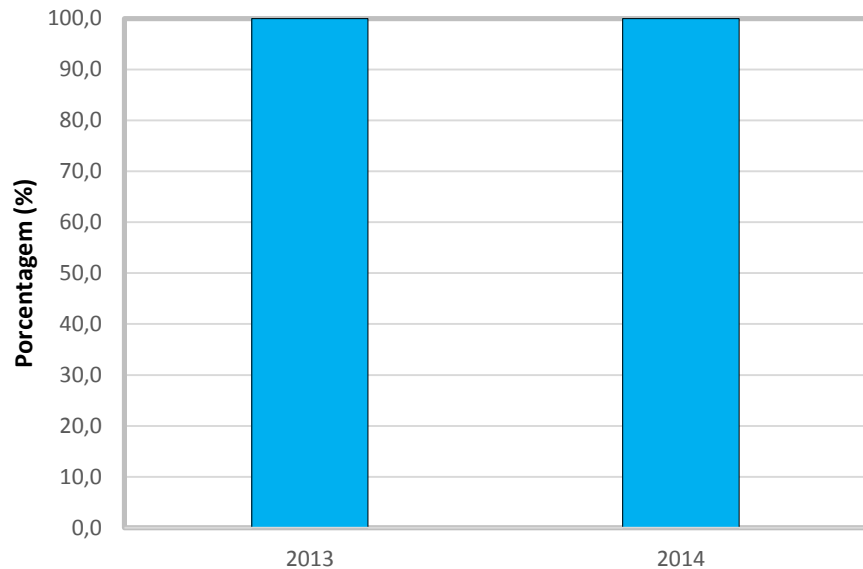


Evolução Temporal

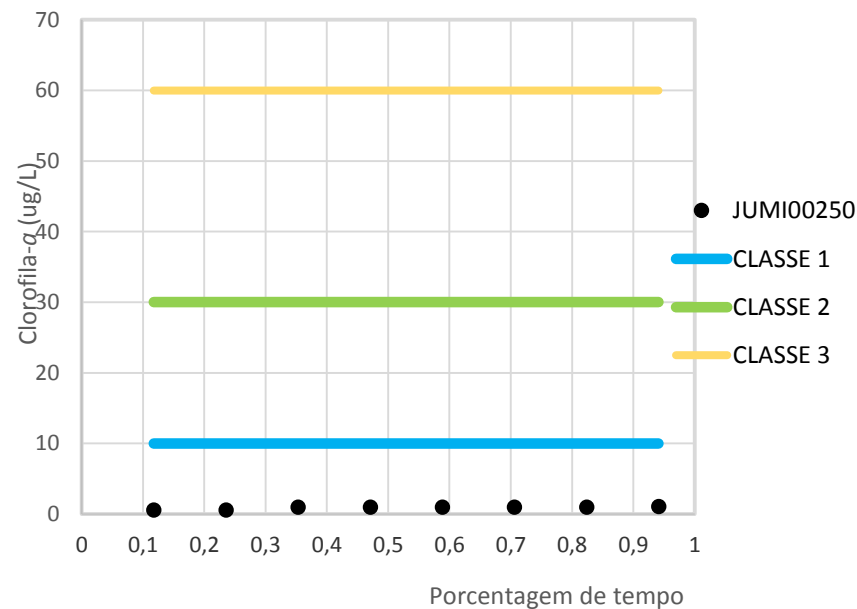


JUMI 00250 – Clorofila-*a* (µg/L)

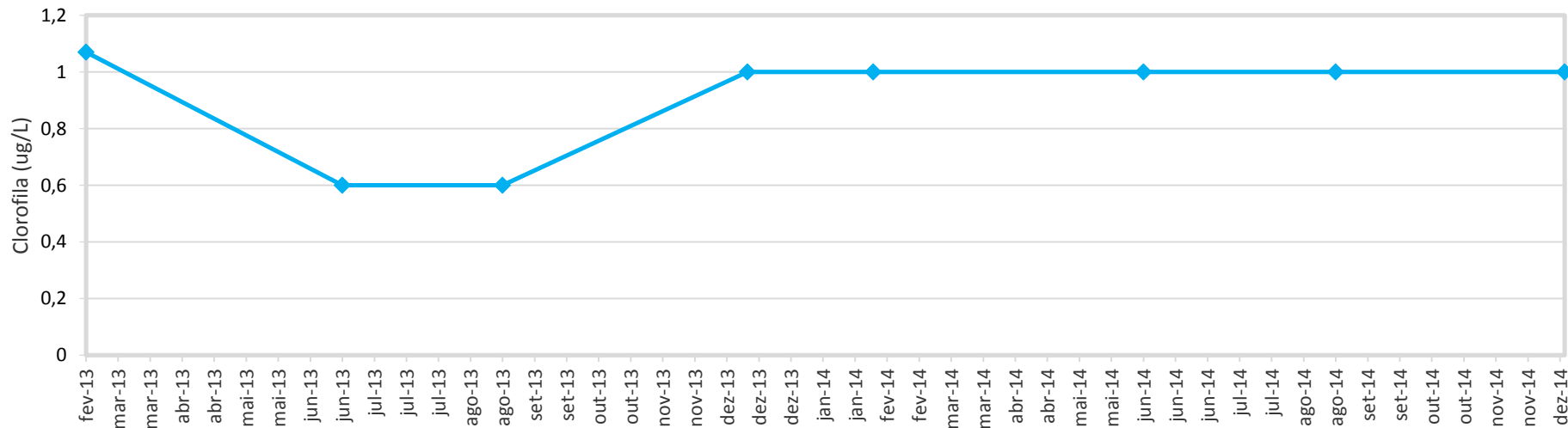
Porcentagem de Atendimento ao Padrão Classe 1 -
Clorofila-*a*



Curva de Permanência

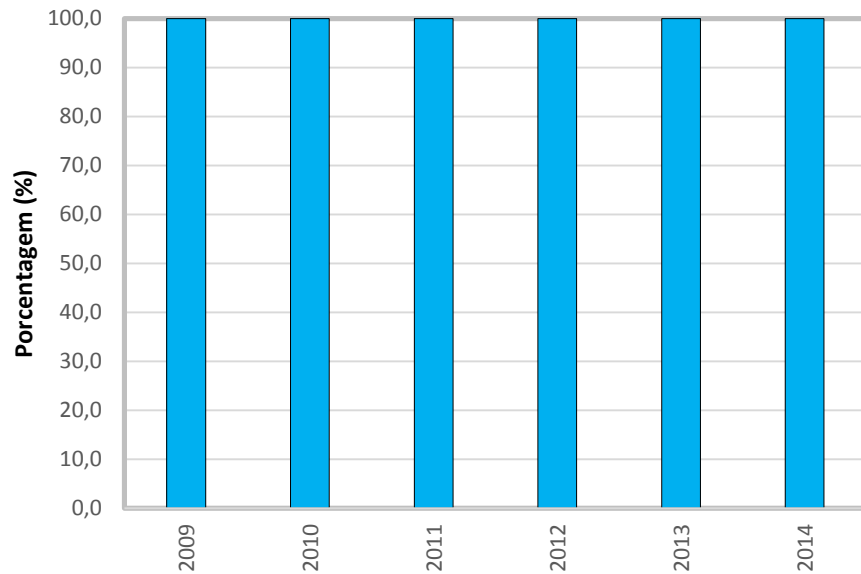


Evolução Temporal

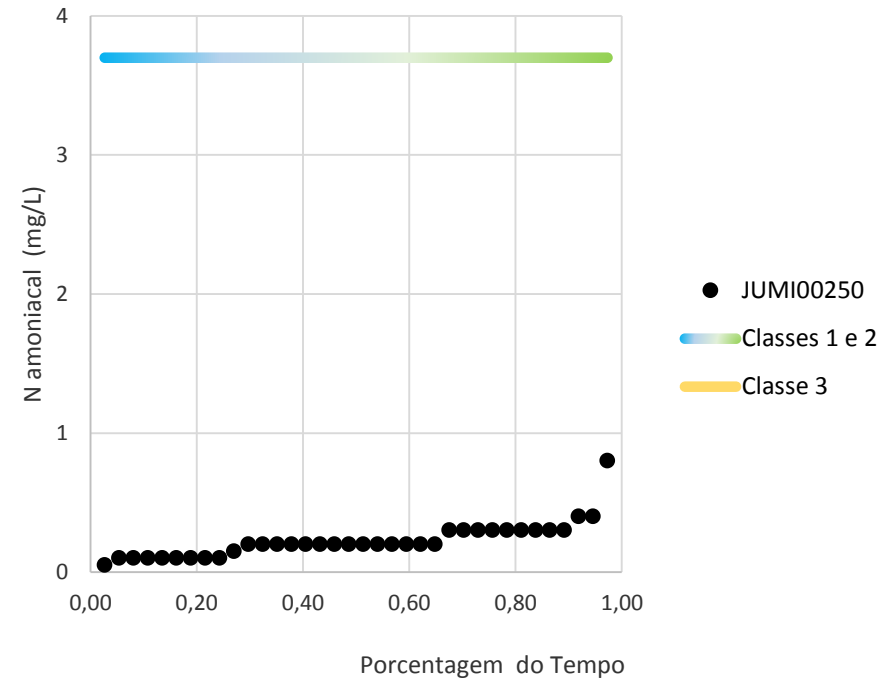


JUMI 00250 – Nitrogênio Amoniacal (mg/L)

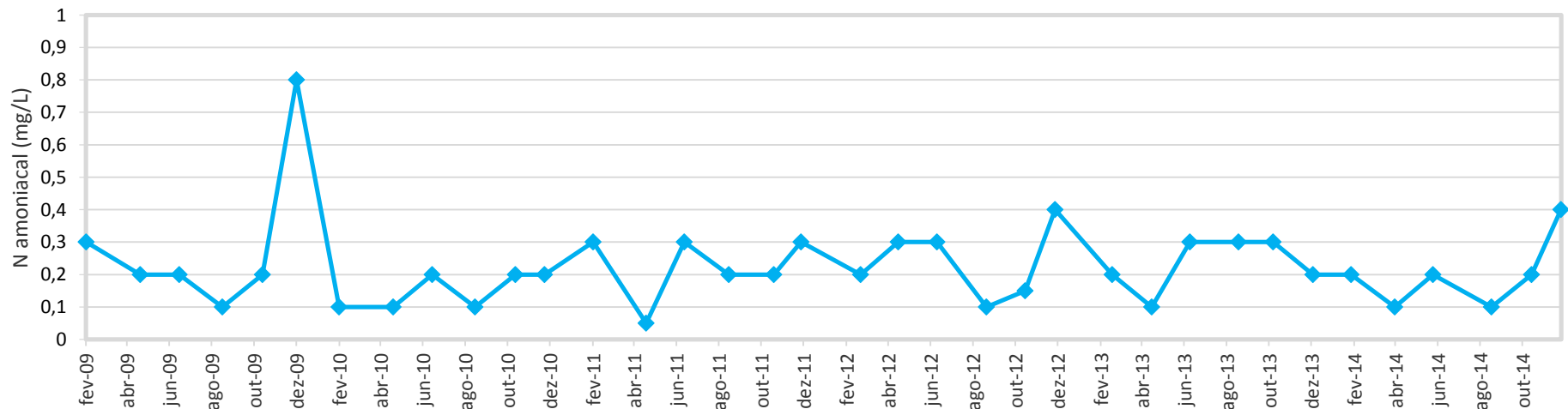
Porcentagem de Atendimento ao Padrão Classe 1 - N amoniacal



Curva de Permanência

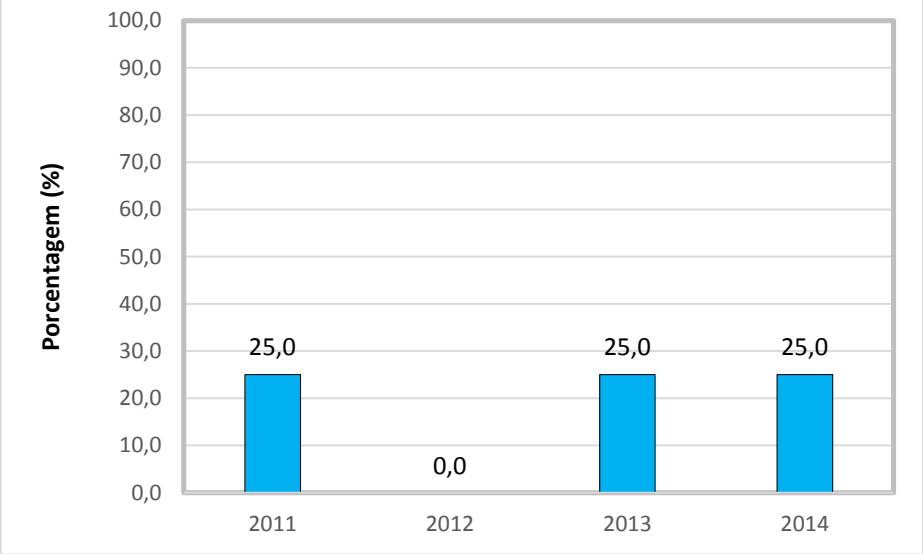


Evolução Temporal

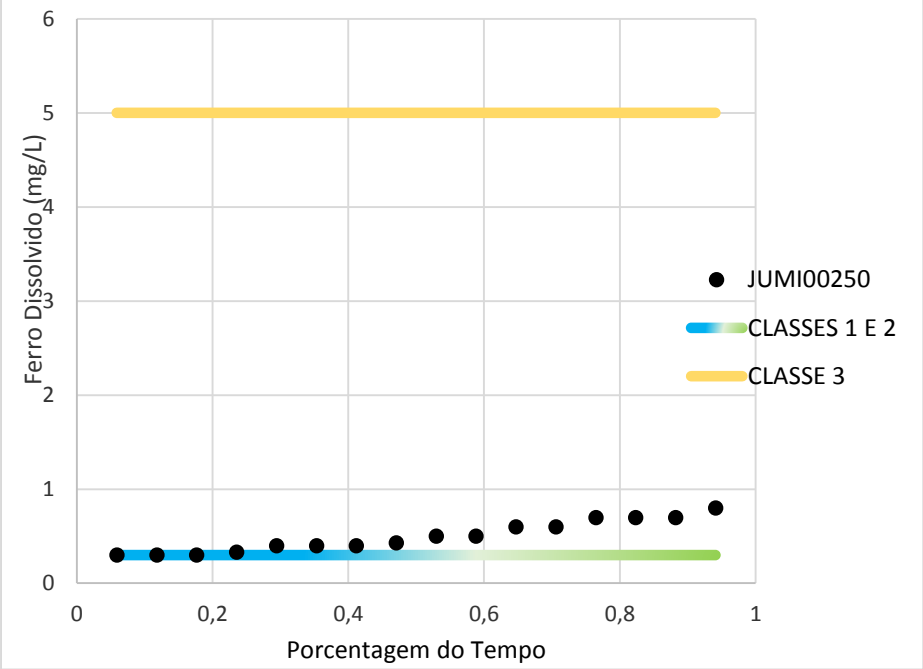


JUMI 00250 – Ferro Dissolvido (mg/L)

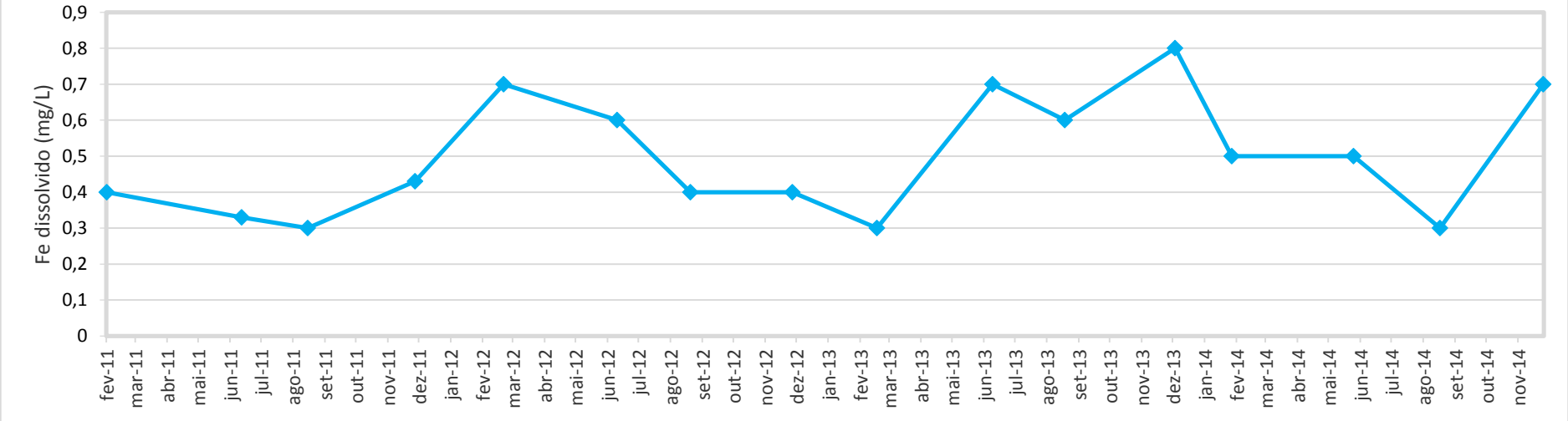
Porcentagem de Atendimento ao Padrão Classe 1 - Fe dissolvido



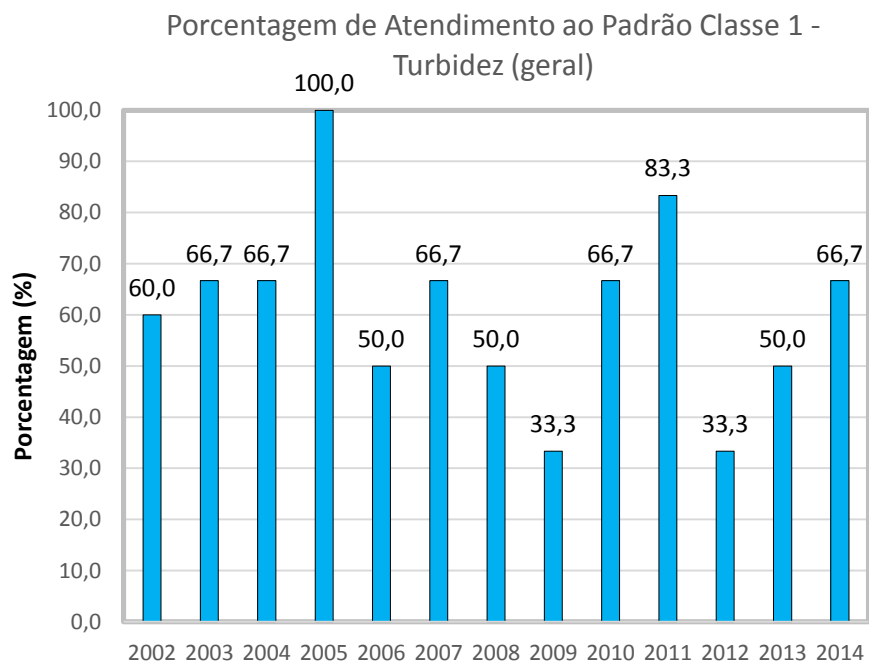
Curva de Permanência



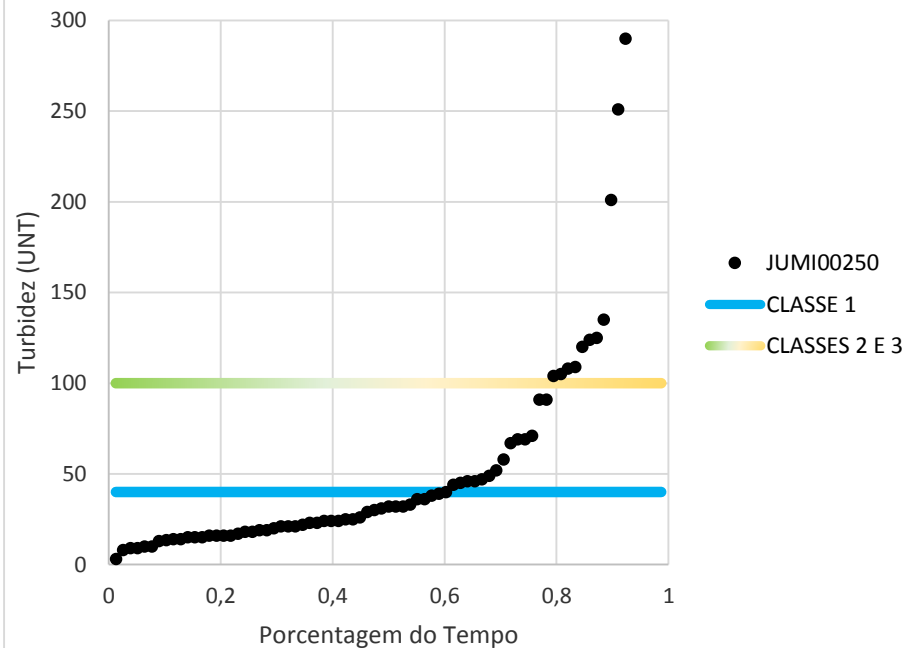
Evolução Temporal



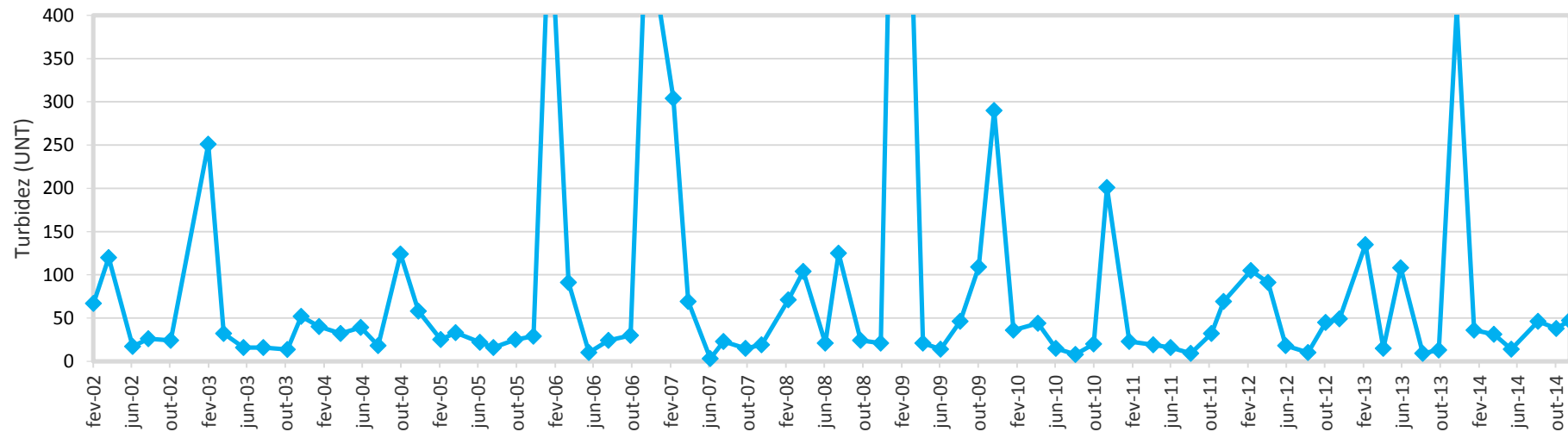
JUMI 00250 – Turbidez (UNT)



Curva de Permanência- Turbidez (Geral)

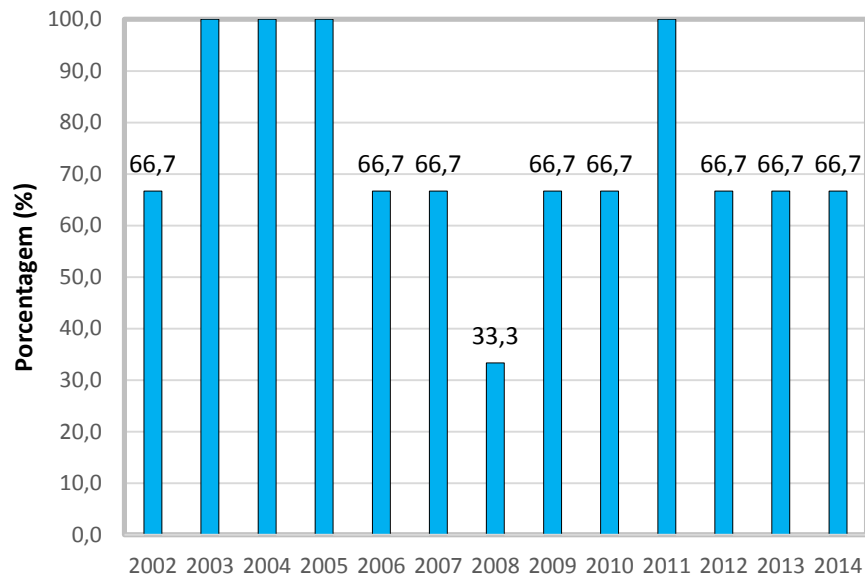


Evolução Temporal

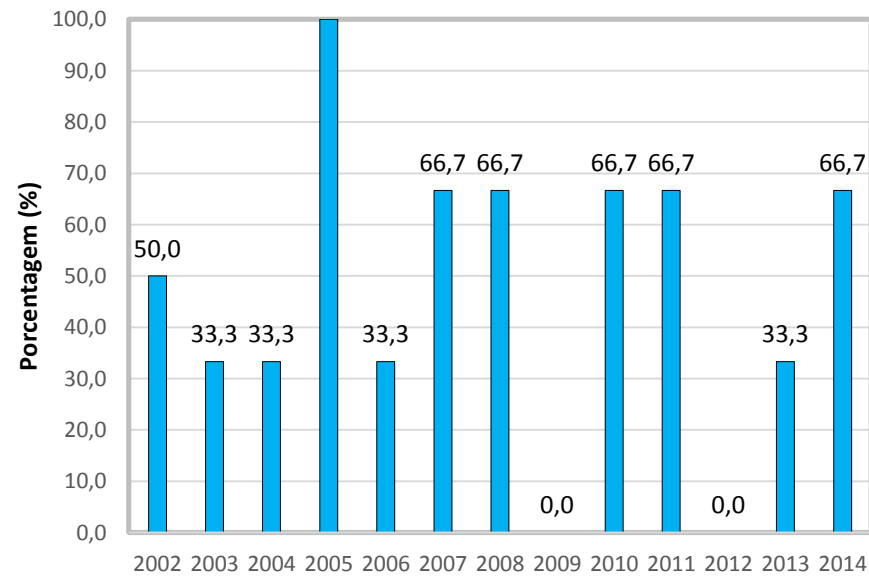


JUMI 00250 – Turbidez (Período Seco x Período Chuvoso)

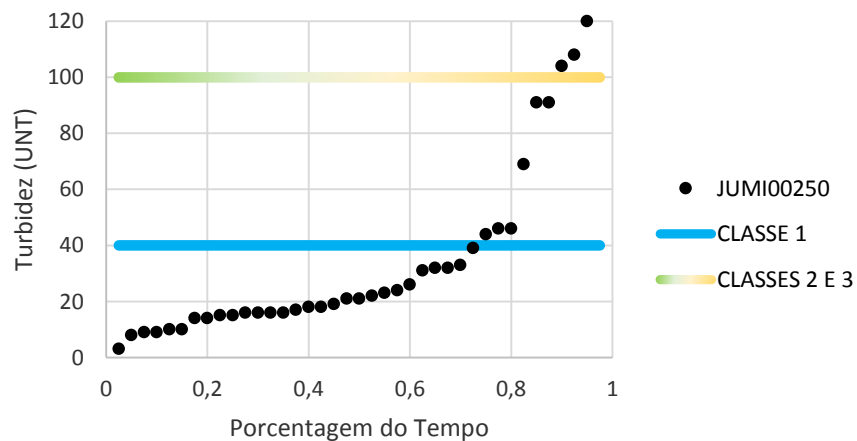
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (seco)



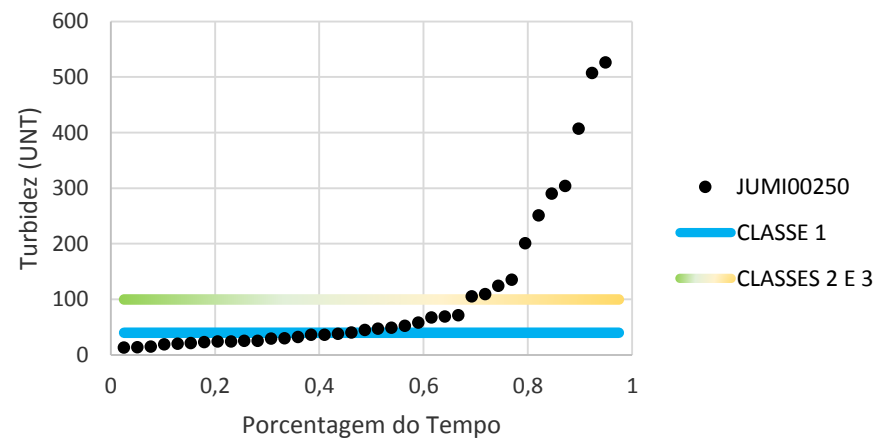
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

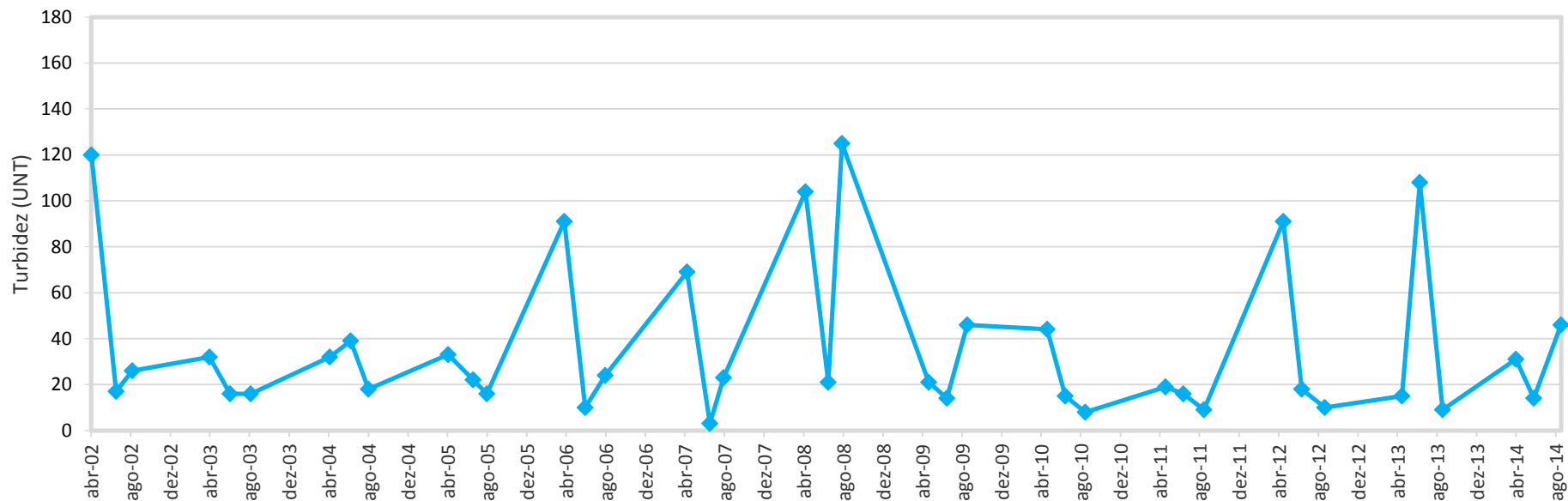


Curva de Permanência- Turbidez
(Período Chuvoso)

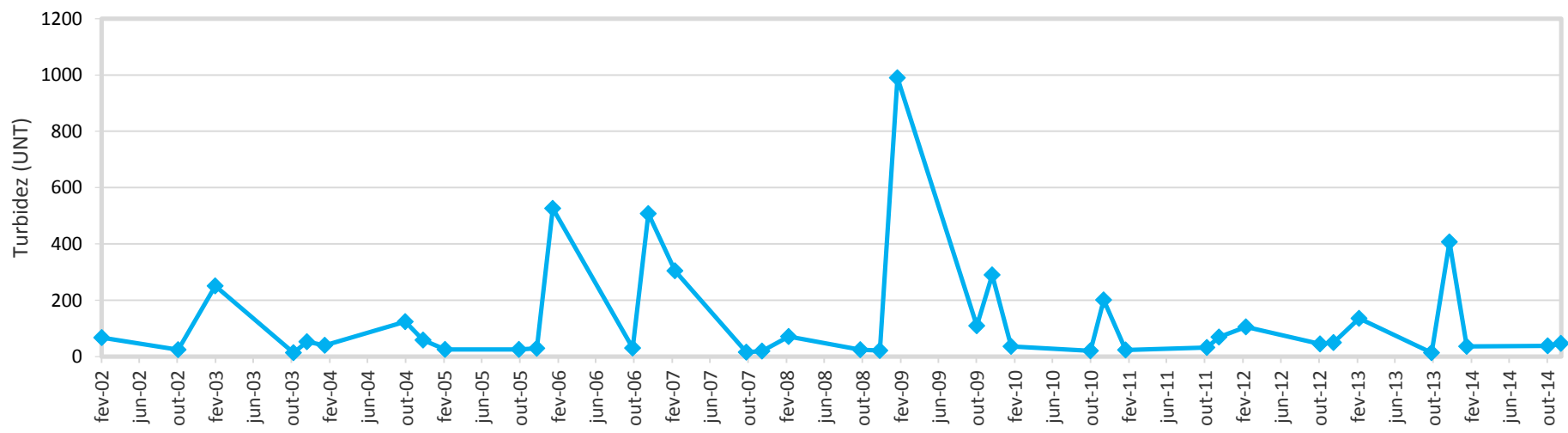


JUMI 00250 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



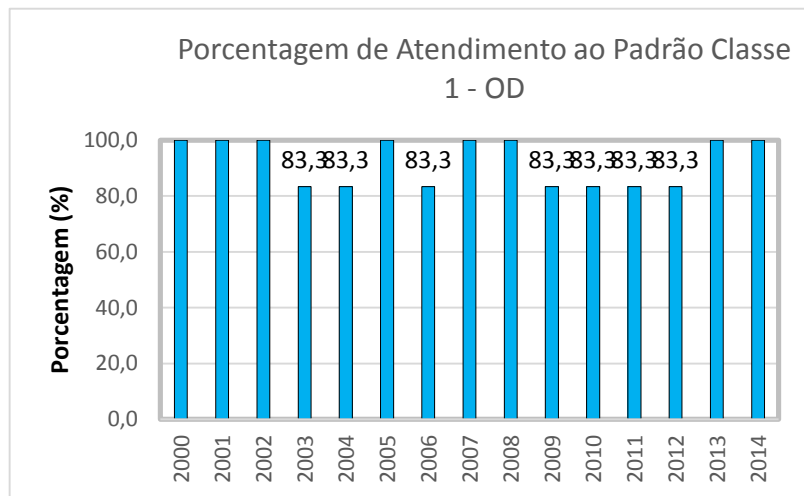
Evolução Temporal - Período Chuvoso



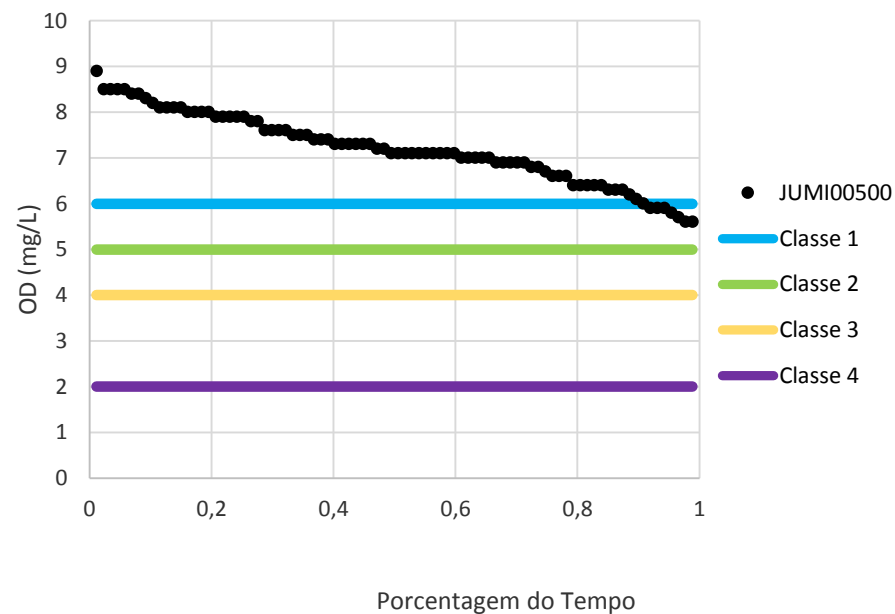
Rio Jundiaí-Mirim
JUMI 00500

JUMI 00500 – Oxigênio Dissolvido (mg/L)

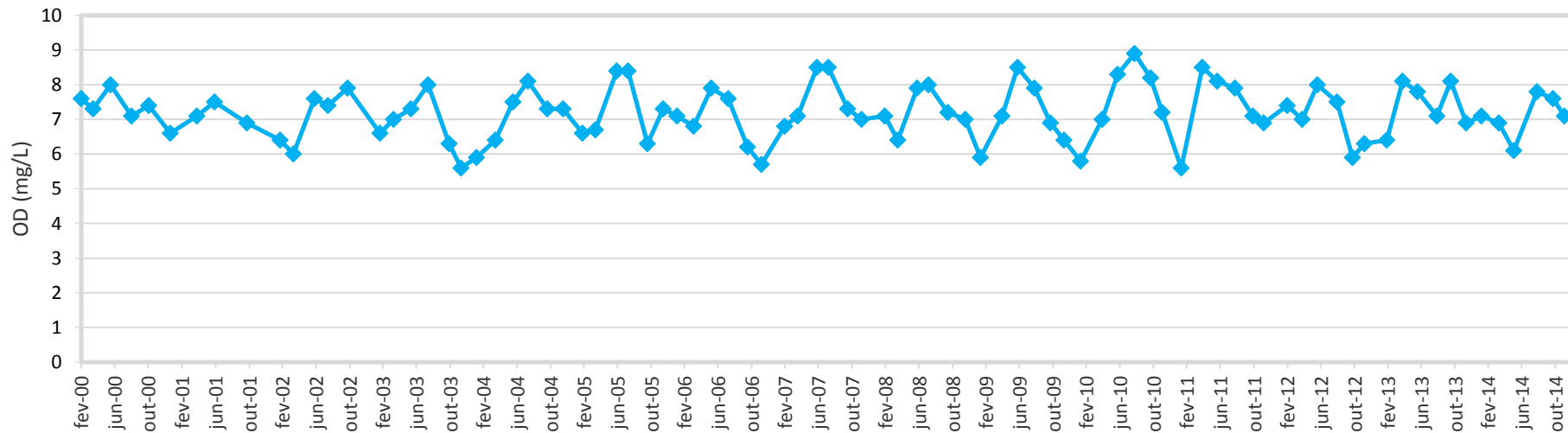
Atendimento ao Padrão Classe 1



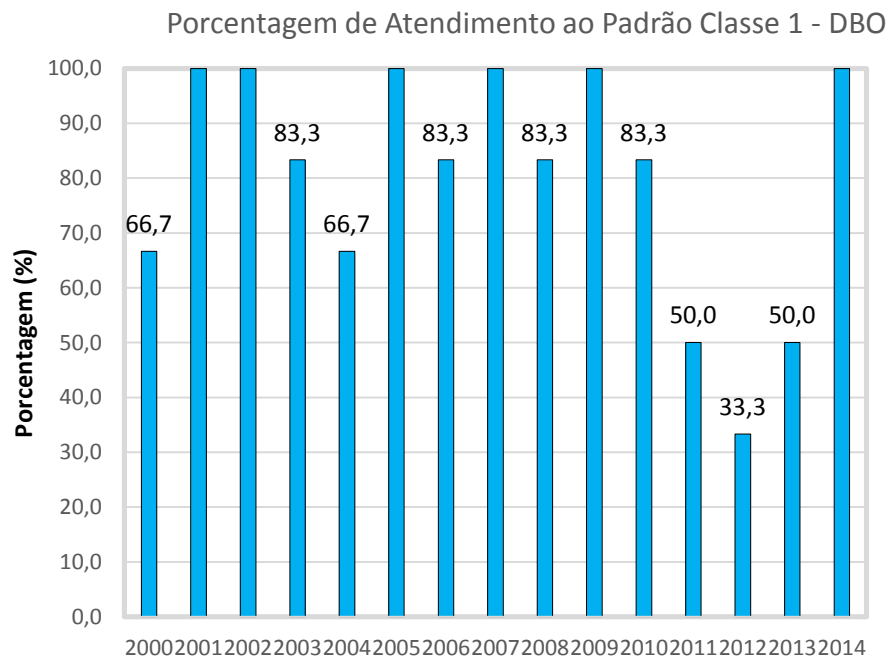
Curva de Permanência



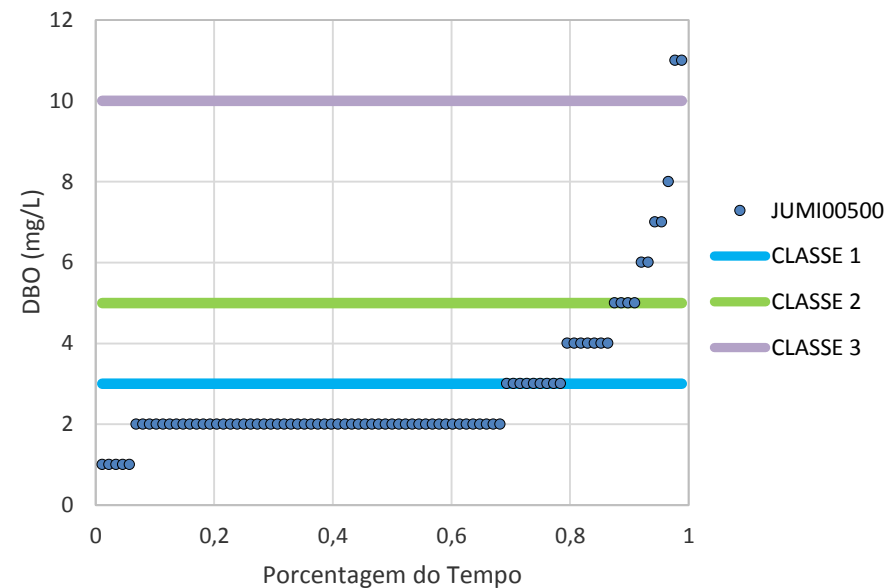
Evolução Temporal



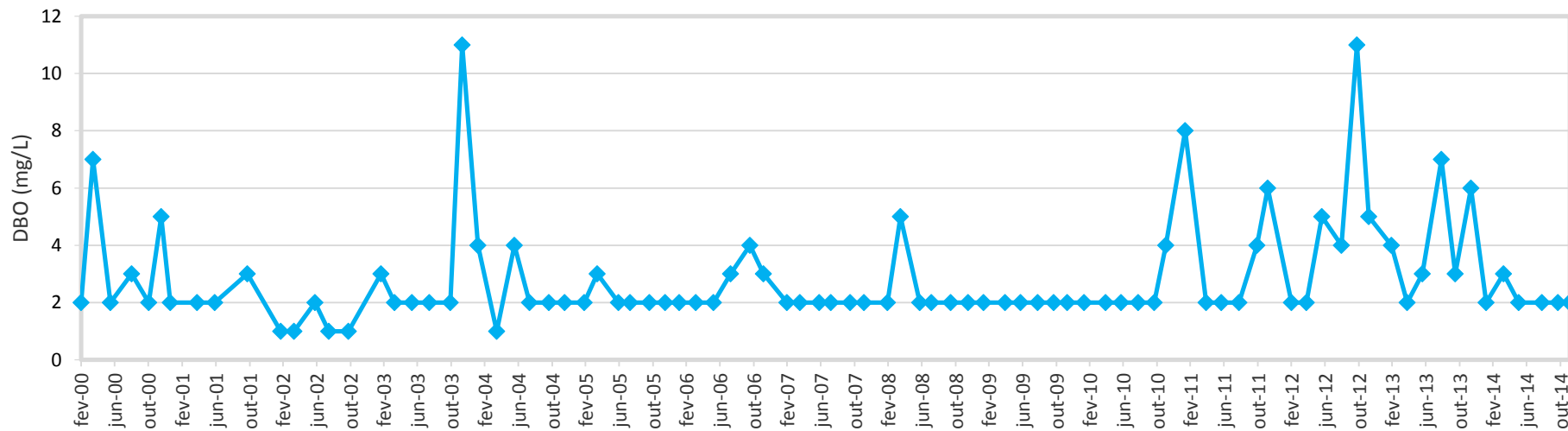
JUMI 00500 – DBO (mg/L)



Curva de Permanência

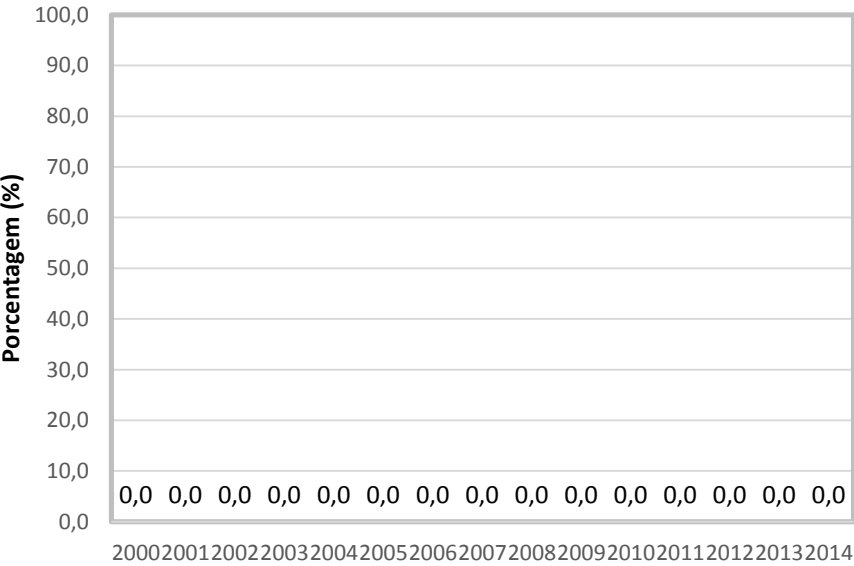


Evolução Temporal

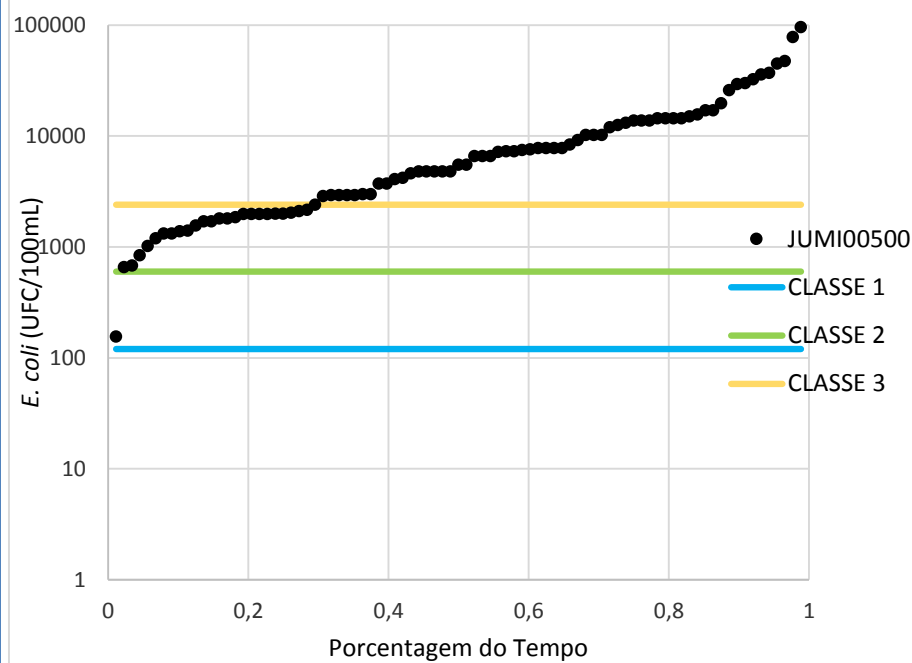


JUMI 00500 – *Escherichia coli* (UFC/100mL)

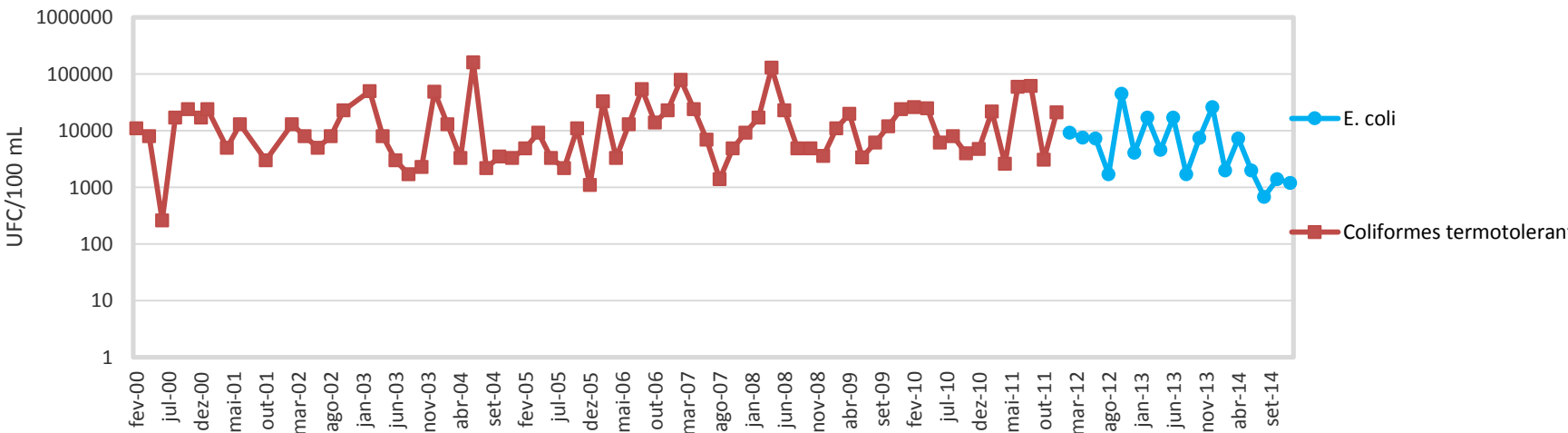
Porcentagem de Atendimento ao Padrão Classe 1 - Colif. Term. e *E. coli*



Curva de Permanência

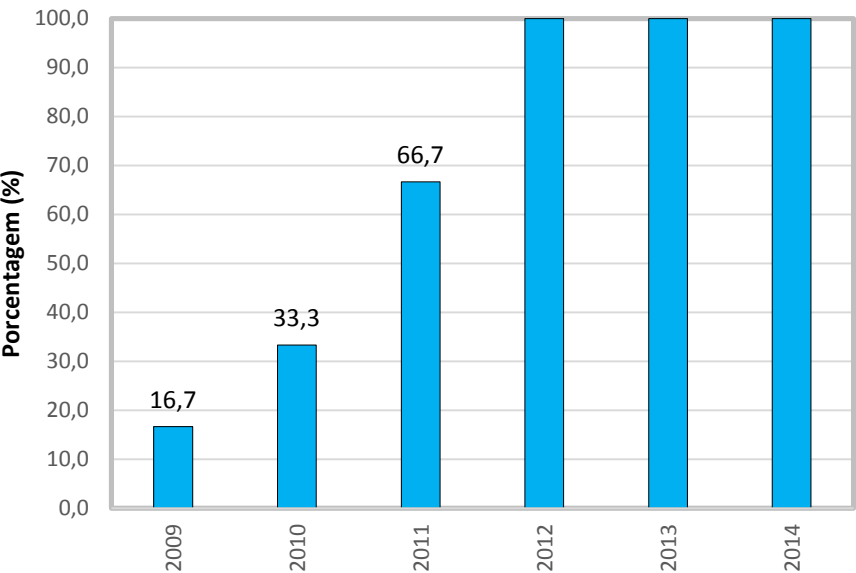


Evolução Temporal

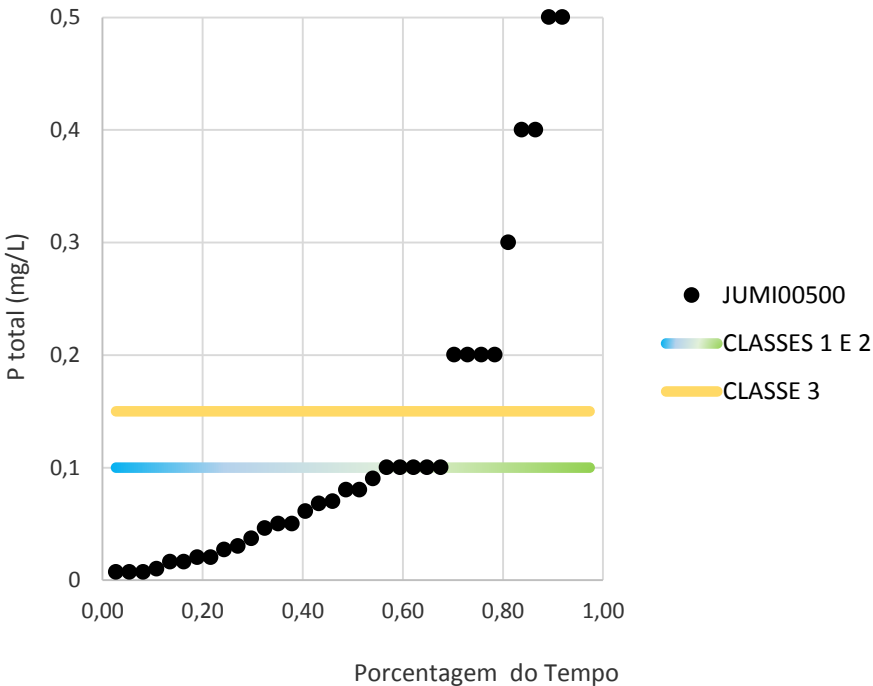


JUMI 00500 – Fósforo Total (mg/L)

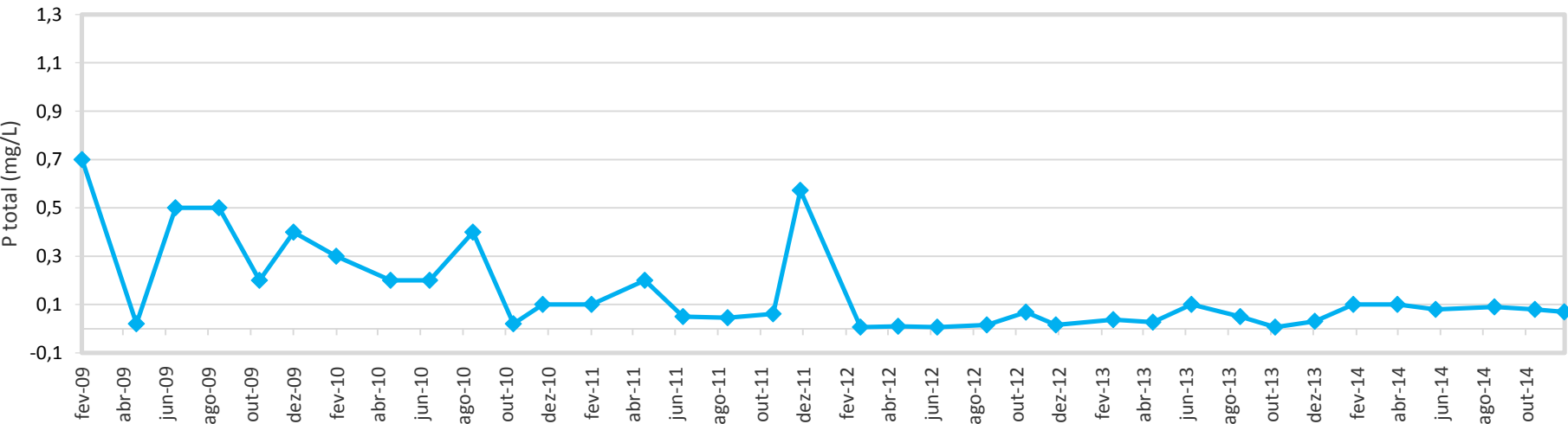
Porcentagem de Atendimento ao Padrão Classe 1 - P total



Curva de Permanência

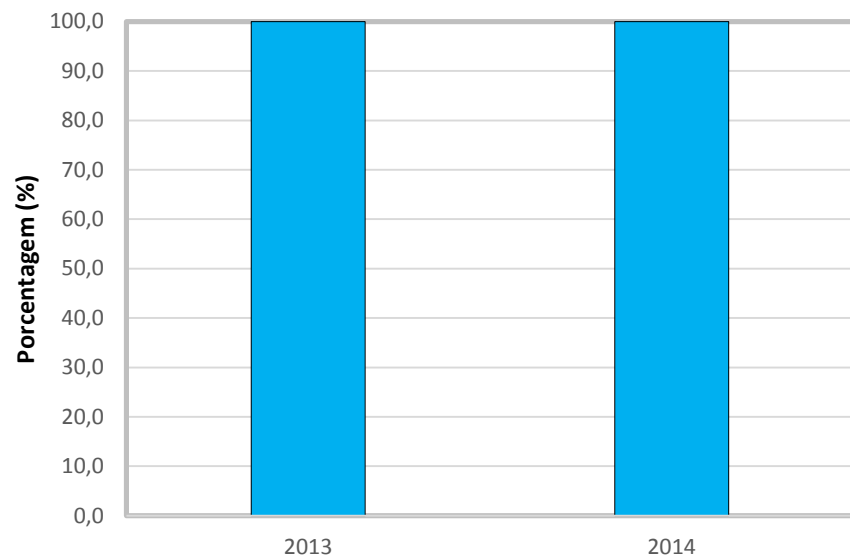


Evolução Temporal

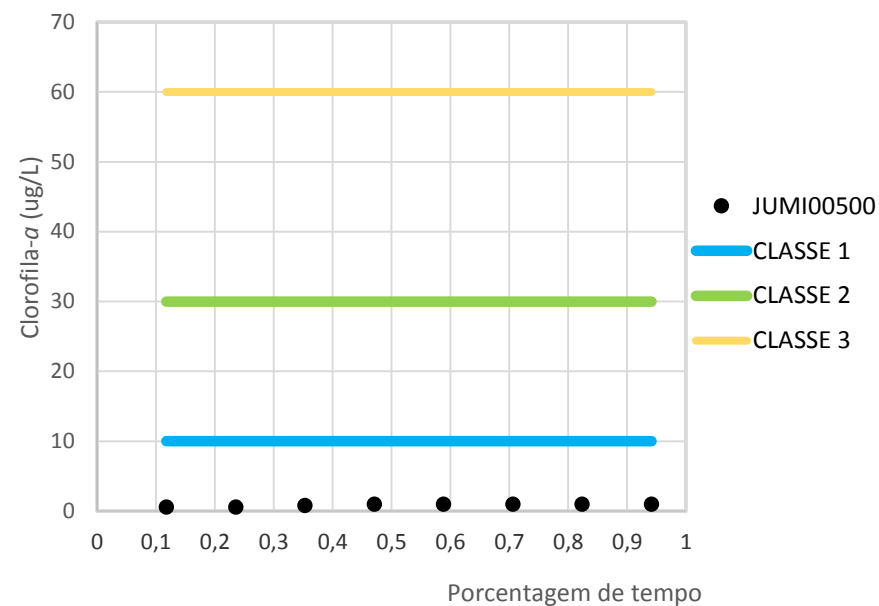


JUMI 00500 – Clorofila-*a* (µg/L)

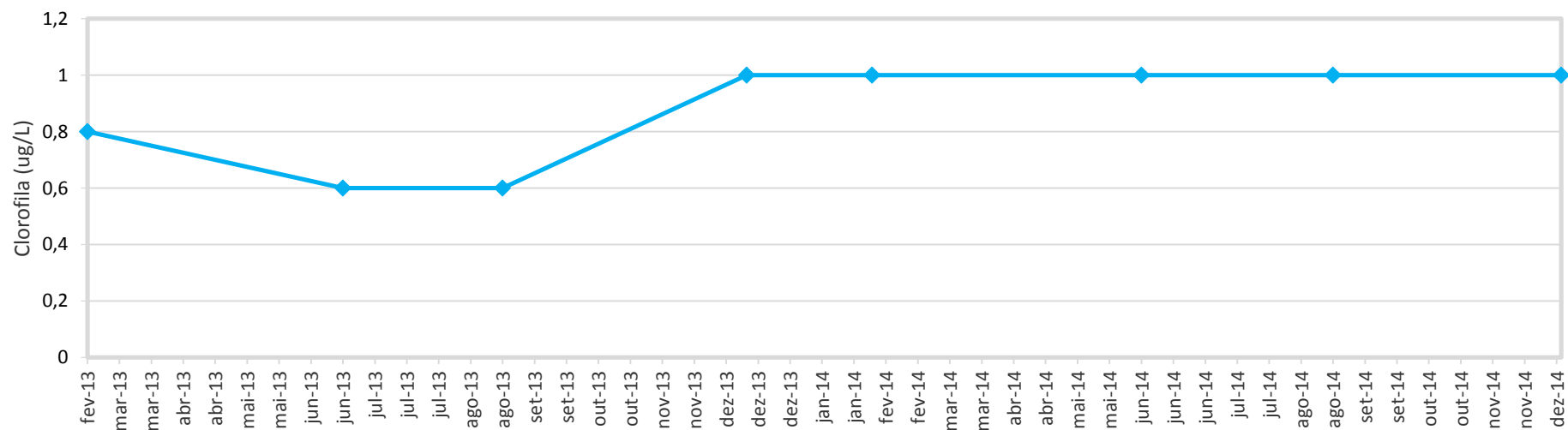
Porcentagem de Atendimento ao Padrão Classe 1 -
Clorofila-*a*



Curva de Permanência

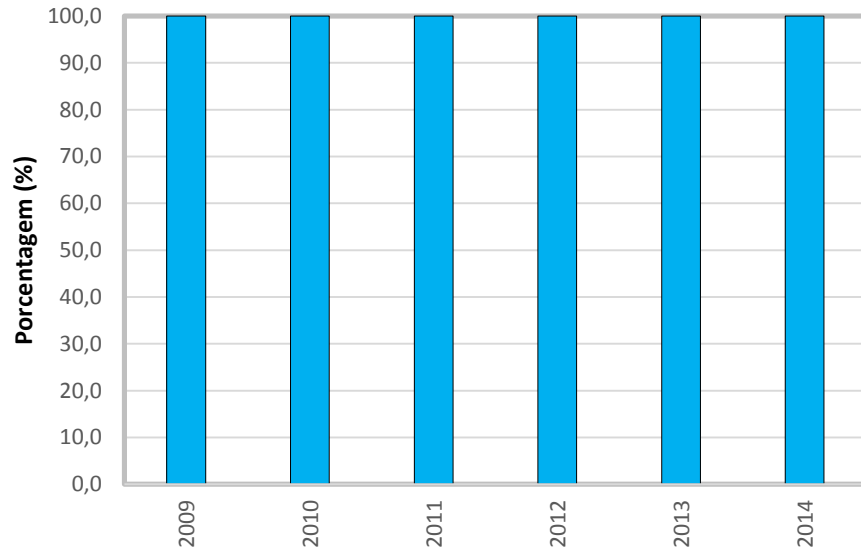


Evolução Temporal

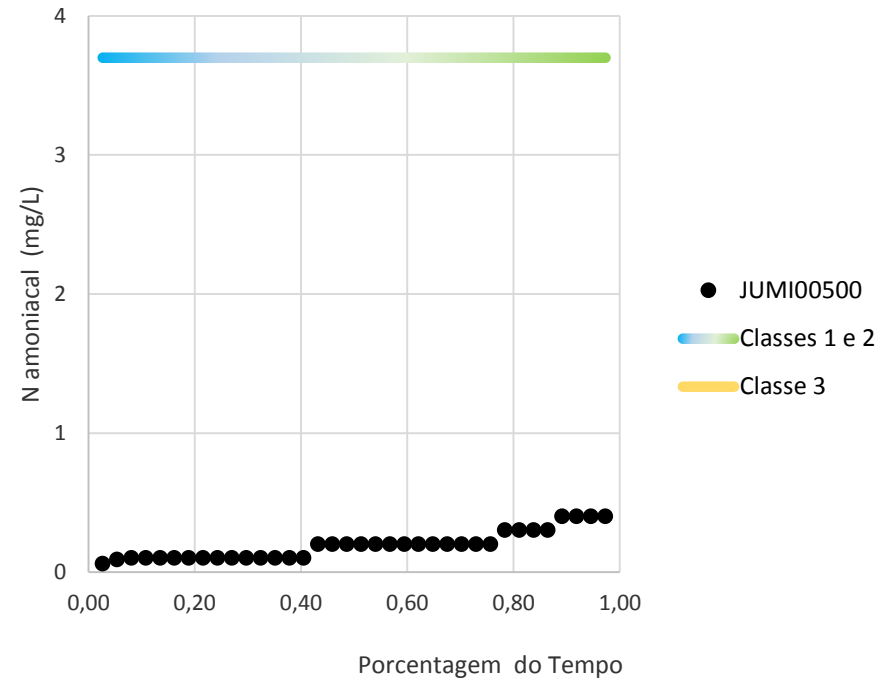


JUMI 00500 – Nitrogênio Amoniacal (mg/L)

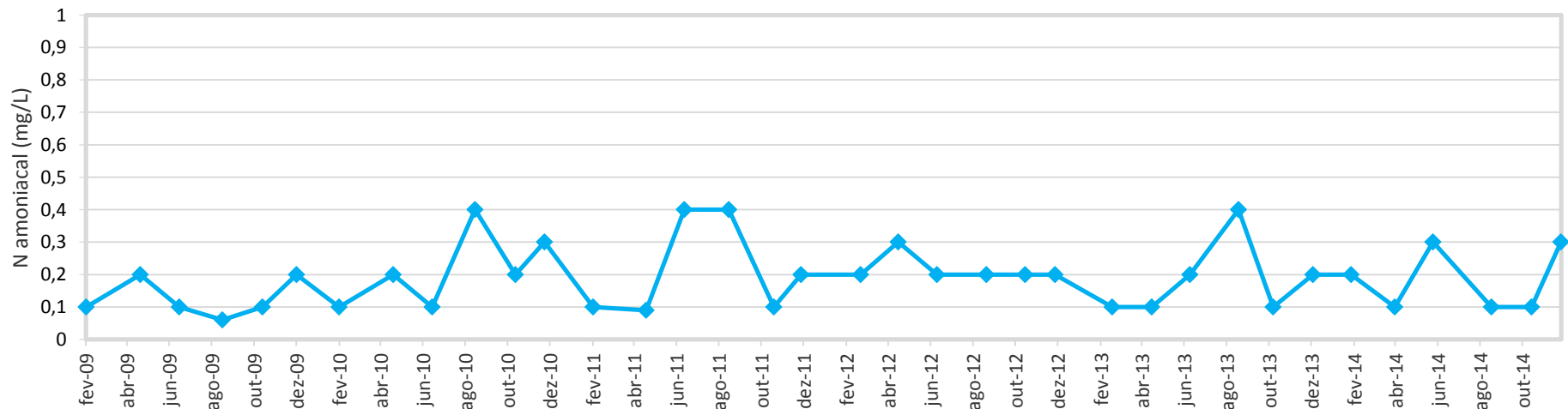
Porcentagem de Atendimento ao Padrão Classe 1 - N amoniacal



Curva de Permanência

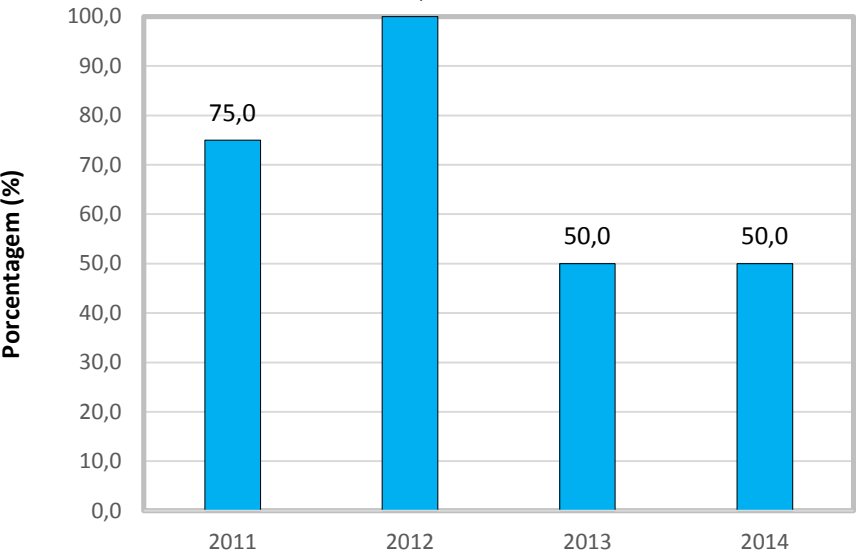


Evolução Temporal

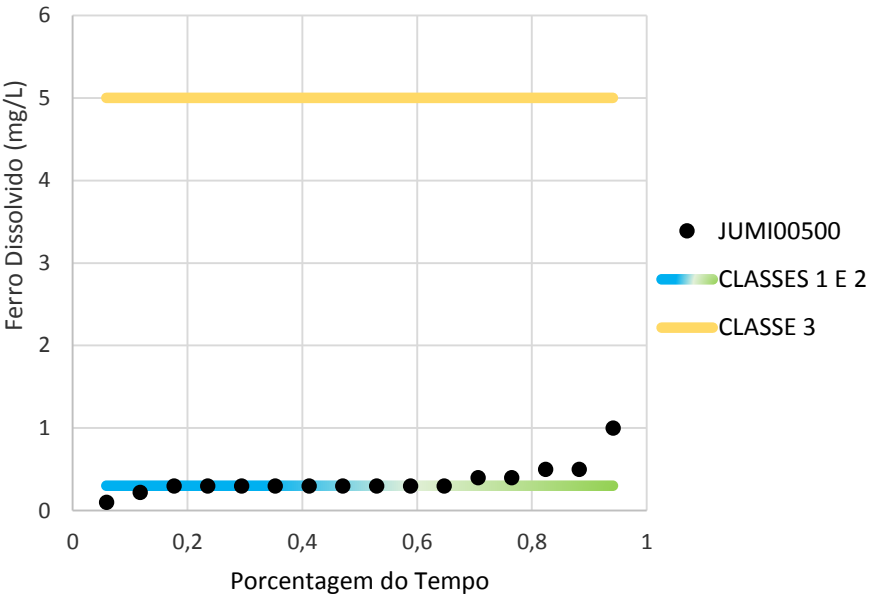


JUMI 00500 – Ferro Dissolvido (mg/L)

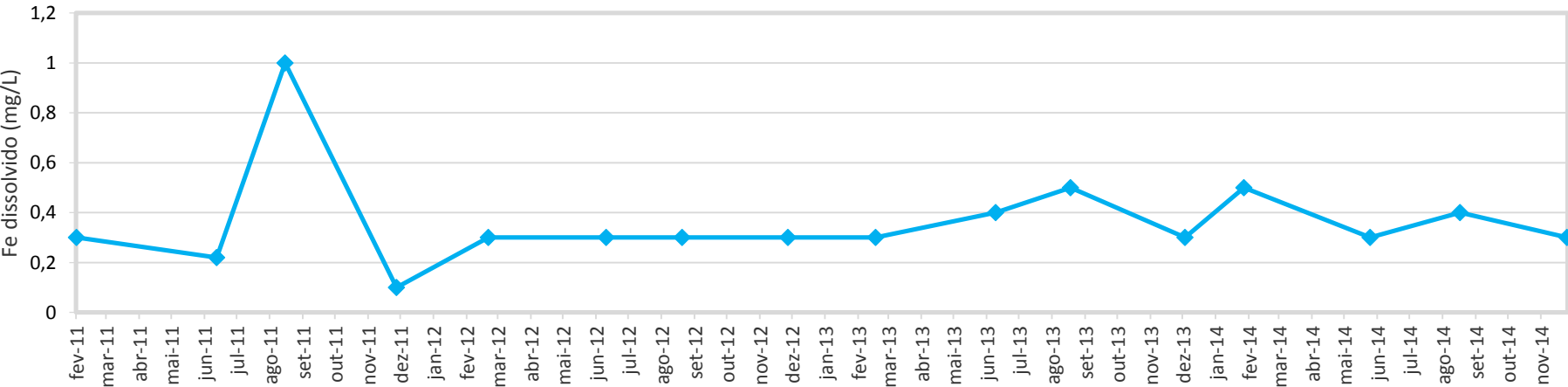
Porcentagem de Atendimento ao Padrão Classe 1 - Fe dissolvido



Curva de Permanência

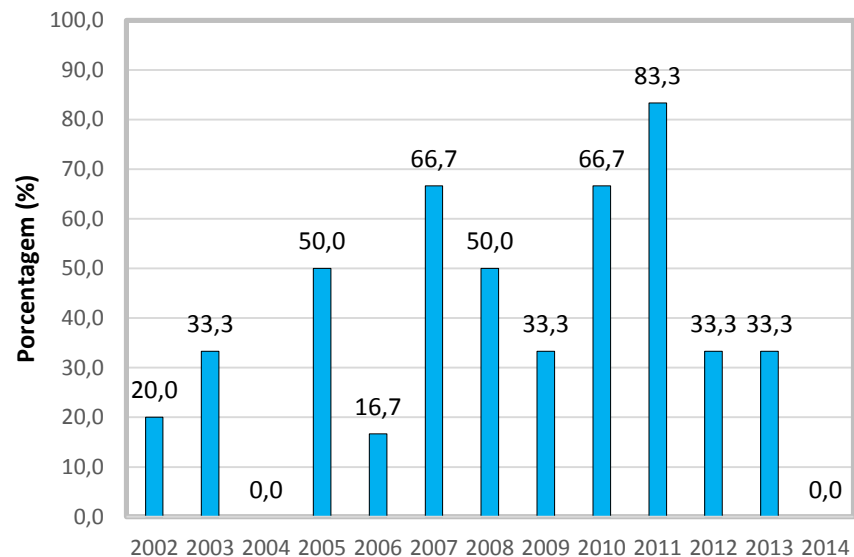


Evolução Temporal

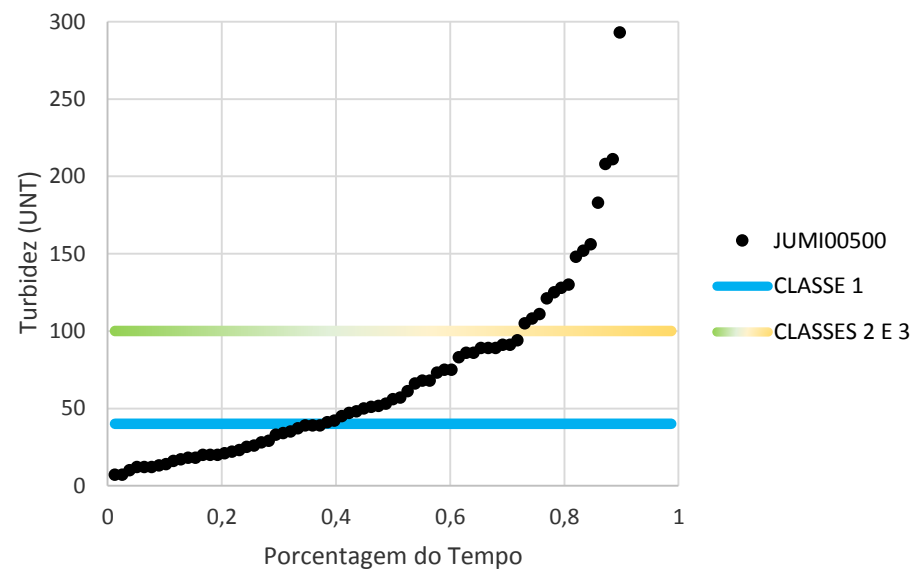


JUMI 00500 – Turbidez (UNT)

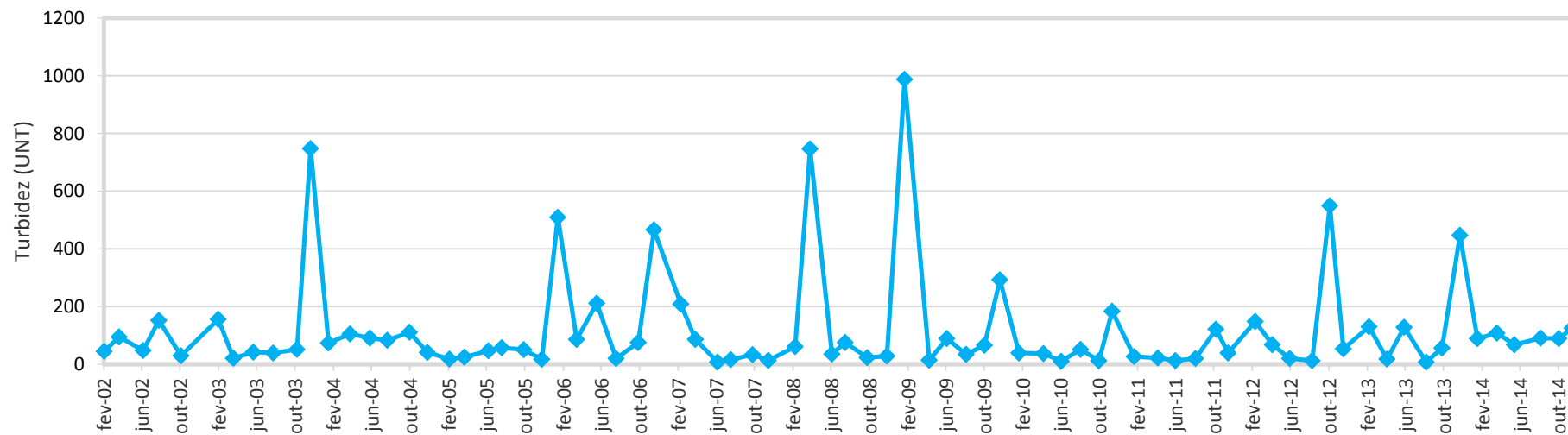
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

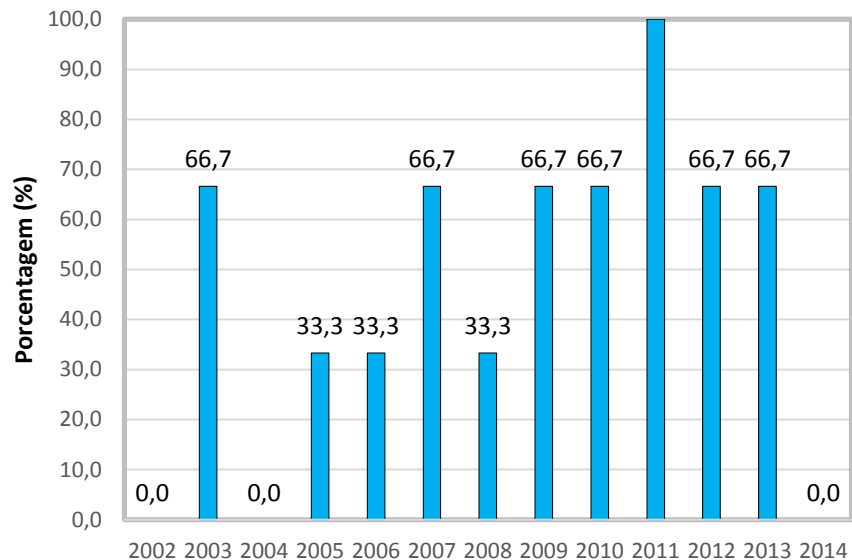


Evolução Temporal

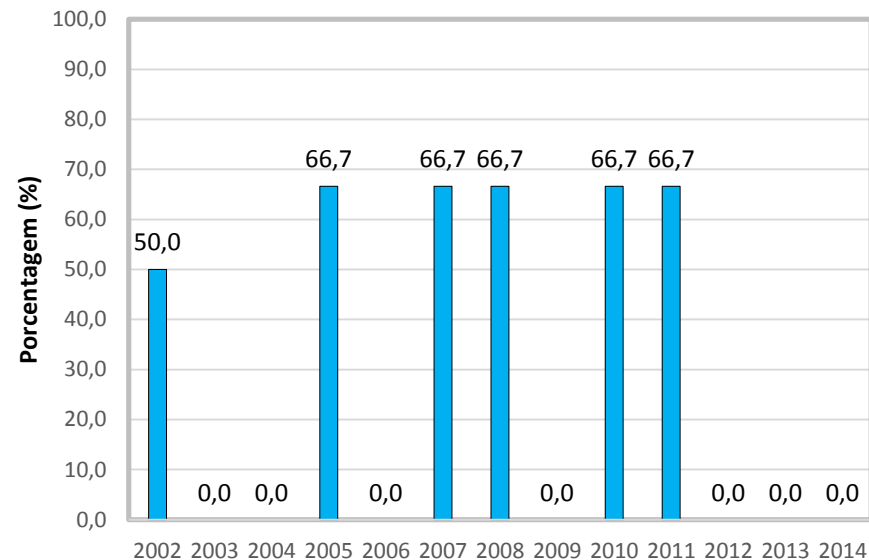


JUMI 00500 – Turbidez (Período Seco x Período Chuvoso)

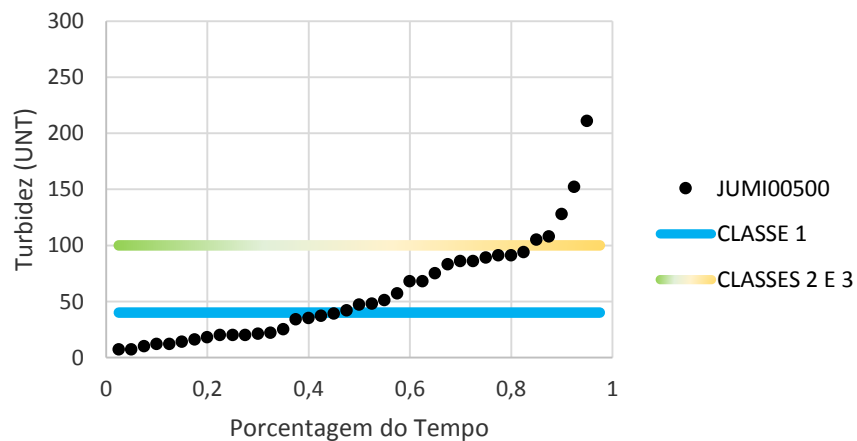
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (seco)



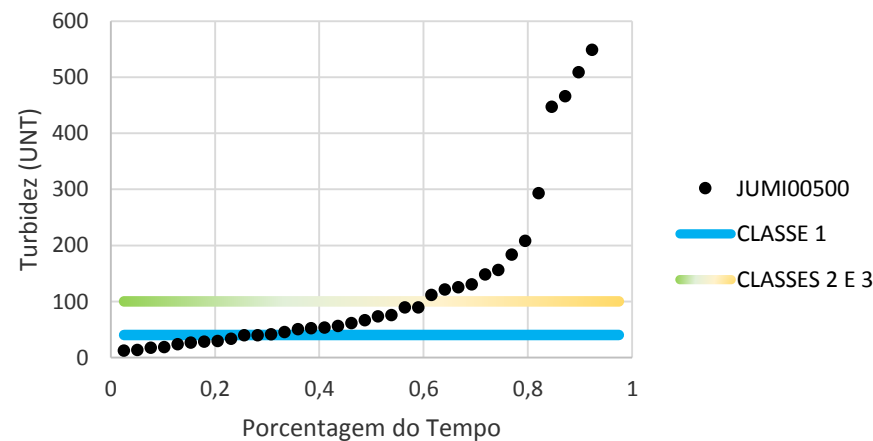
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

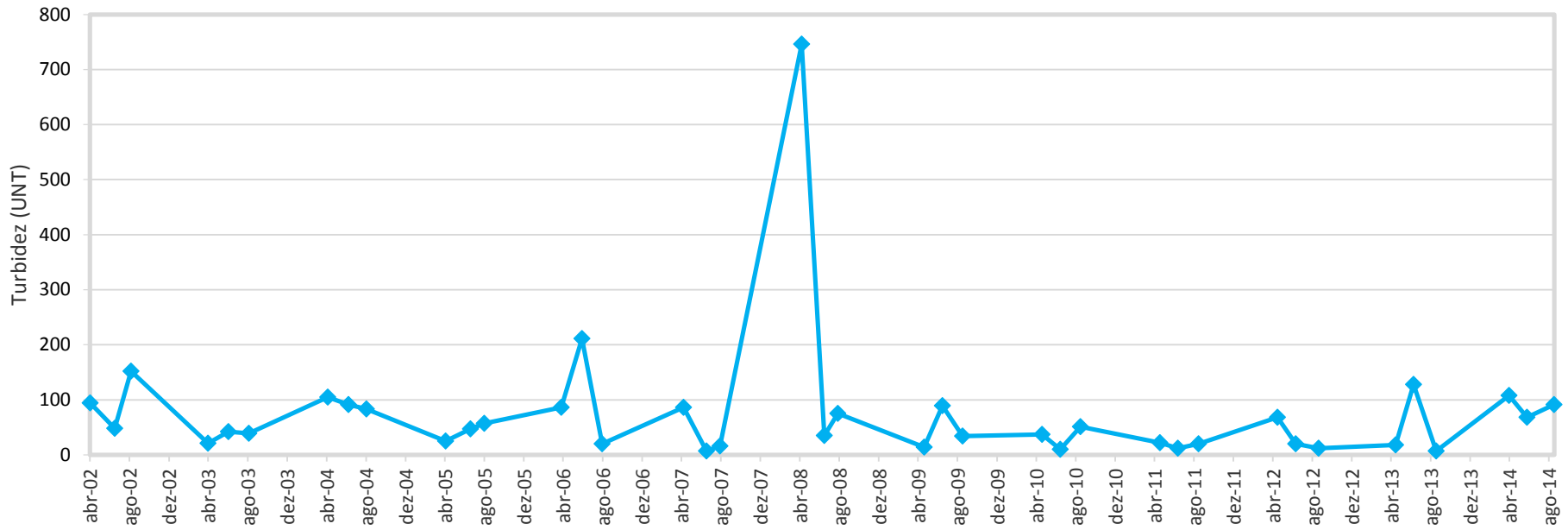


Curva de Permanência- Turbidez
(Período Chuvoso)

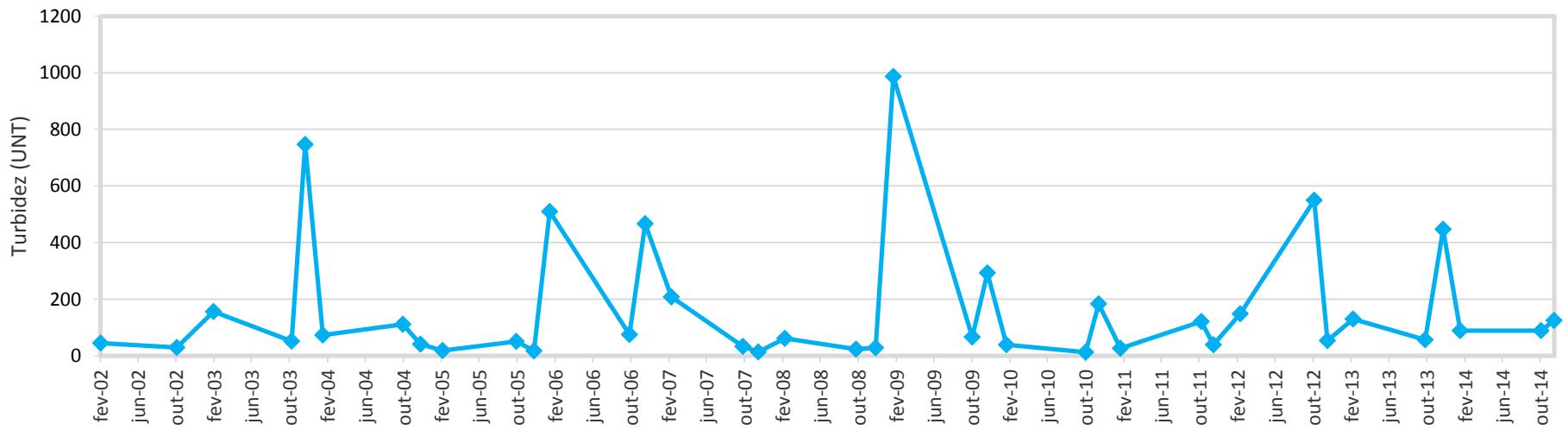


JUMI 00500 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



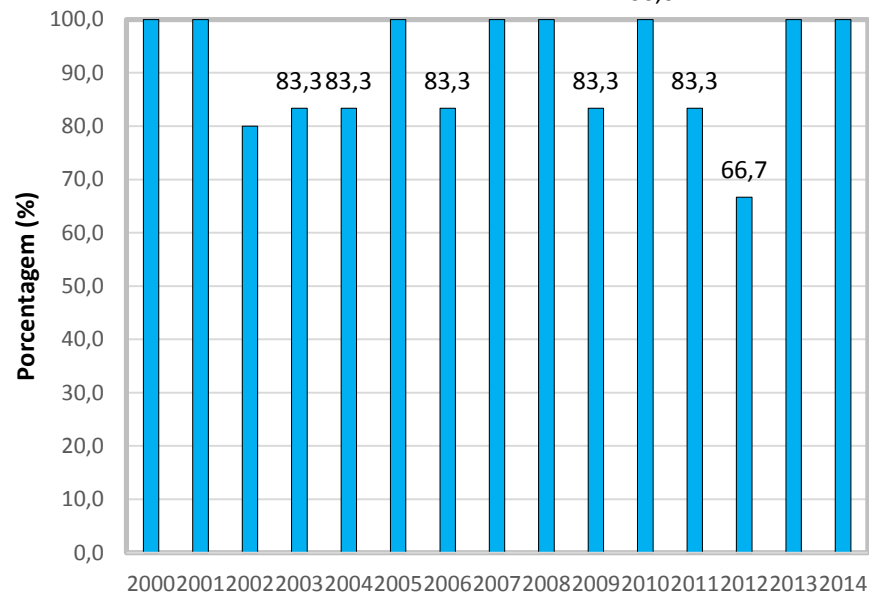
Evolução Temporal - Período Chuvoso



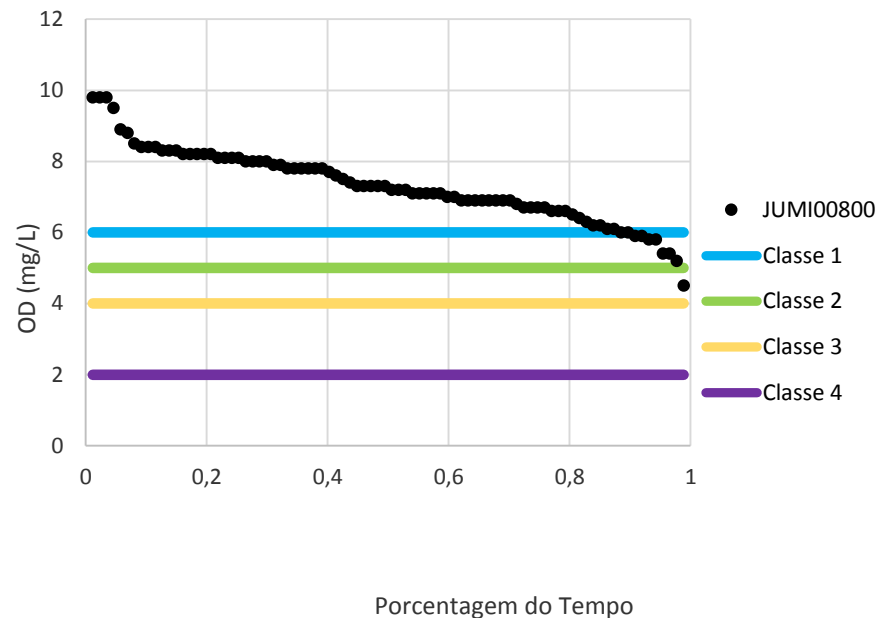
Rio Jundiaí-Mirim
JUMI 00800

JUMI 00800 – Oxigênio Dissolvido (mg/L)

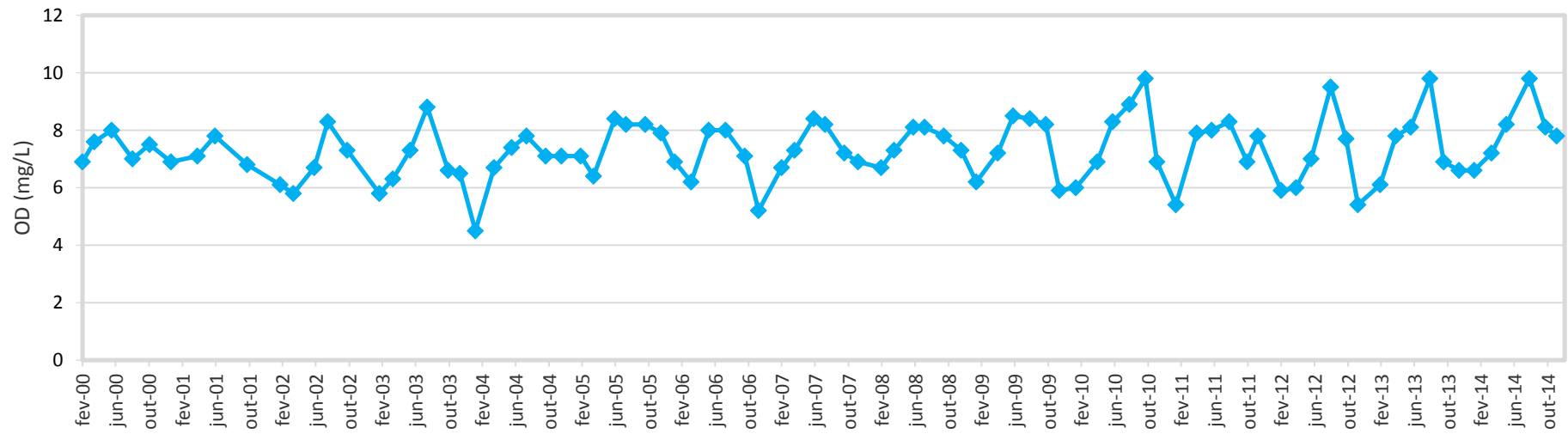
Porcentagem de Atendimento ao Padrão Classe 1 - OD



Curva de Permanência

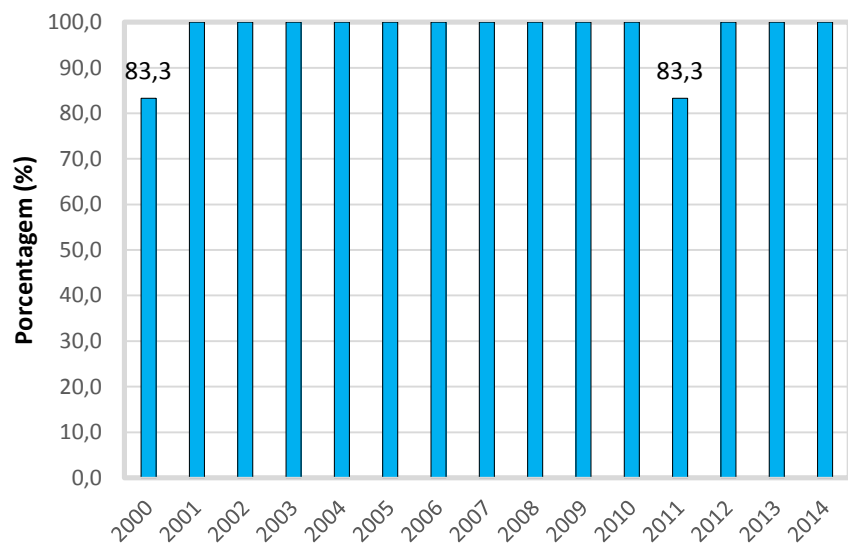


Evolução Temporal

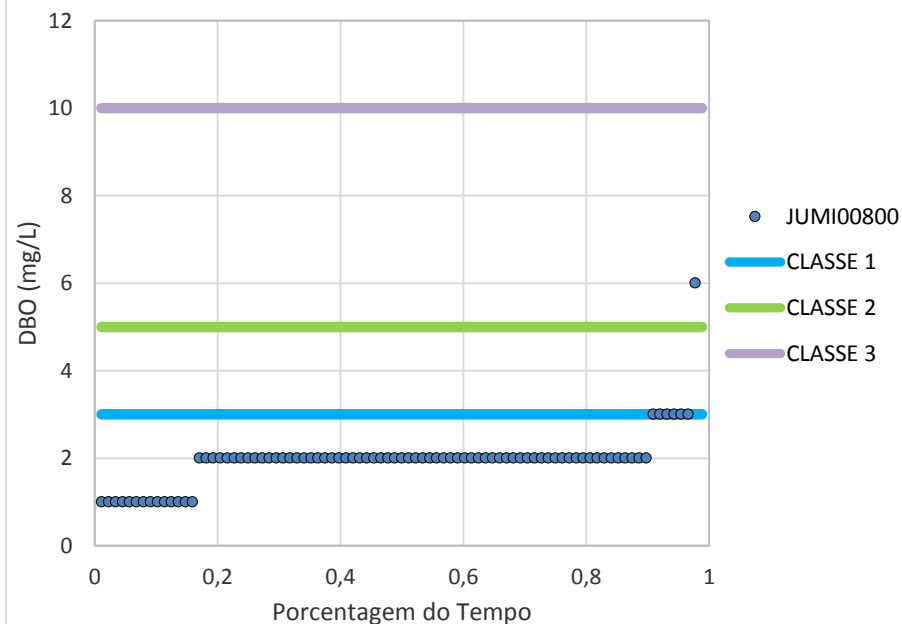


JUMI 00800 – DBO (mg/L)

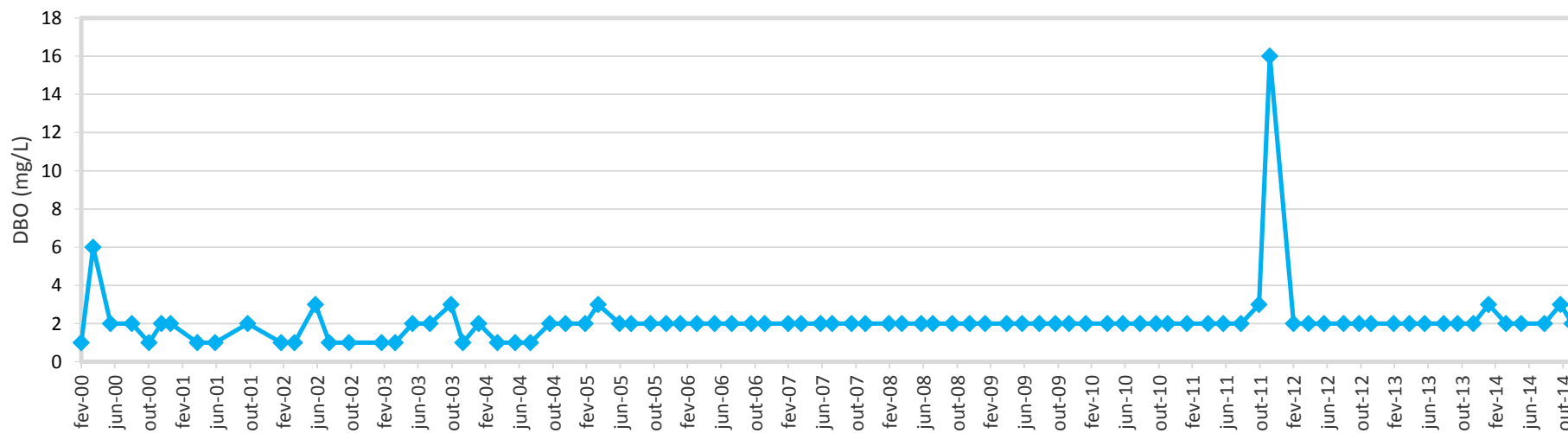
Porcentagem de Atendimento ao Padrão Classe 1 - DBO



Curva de Permanência

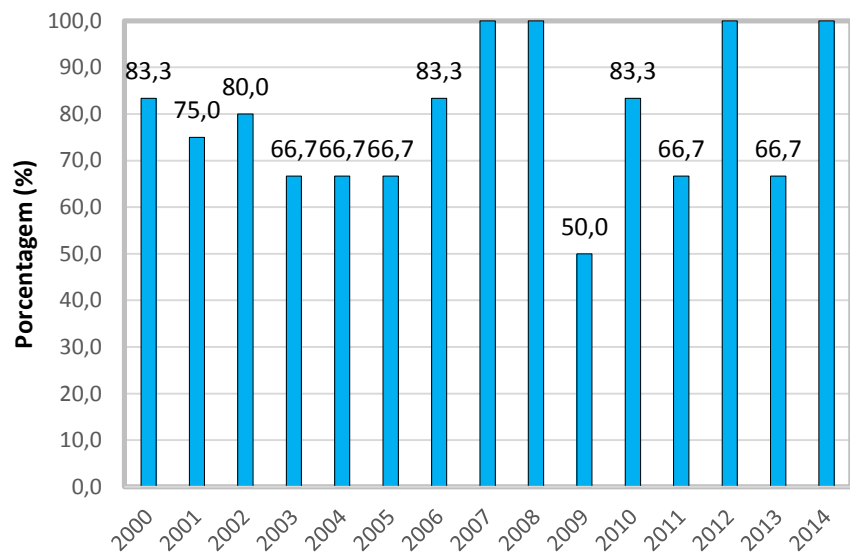


Evolução Temporal

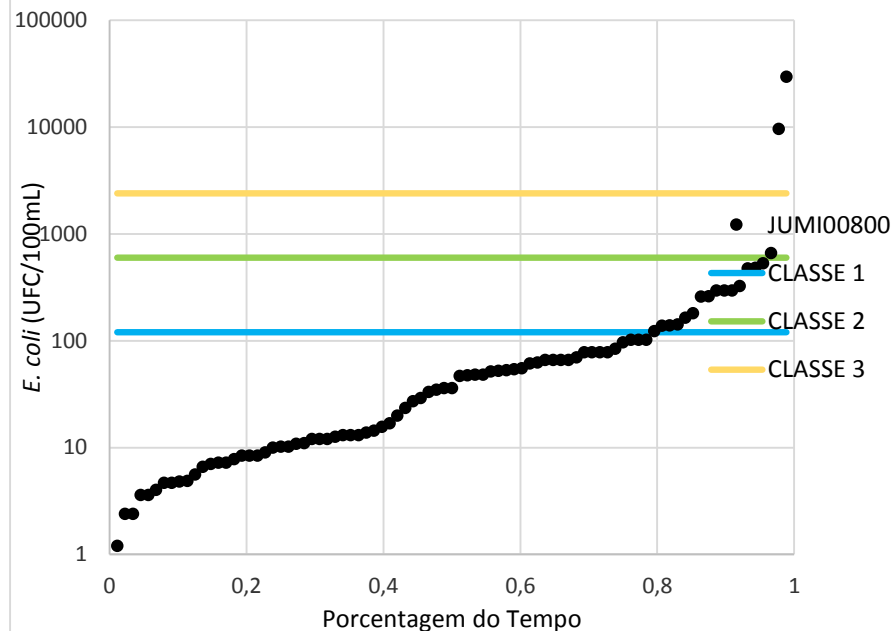


JUMI 00800 – *Escherichia coli* (UFC/100mL)

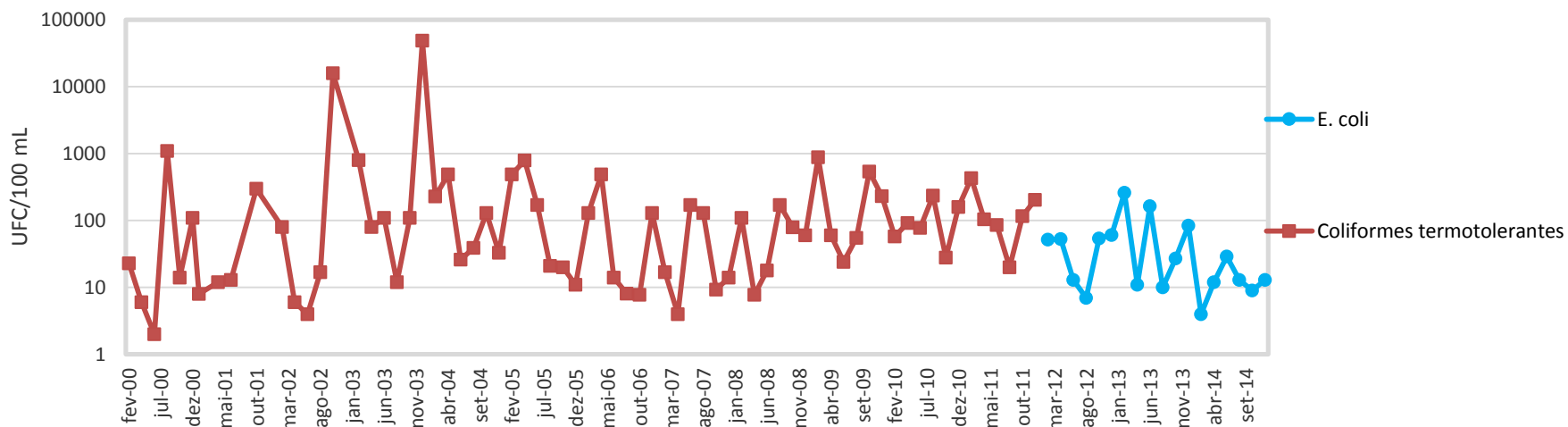
Porcentagem de Atendimento ao Padrão Classe 1 -
Colif. Term. e *E. coli*



Curva de Permanência

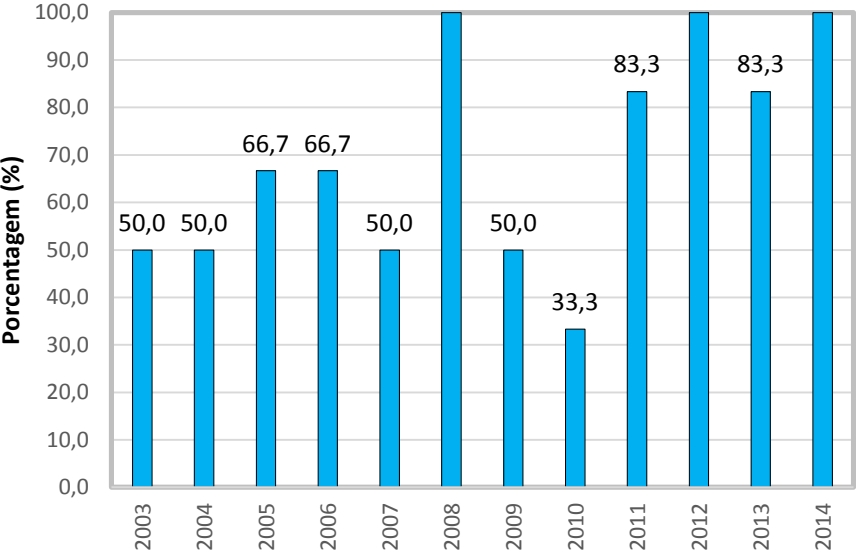


Evolução Temporal

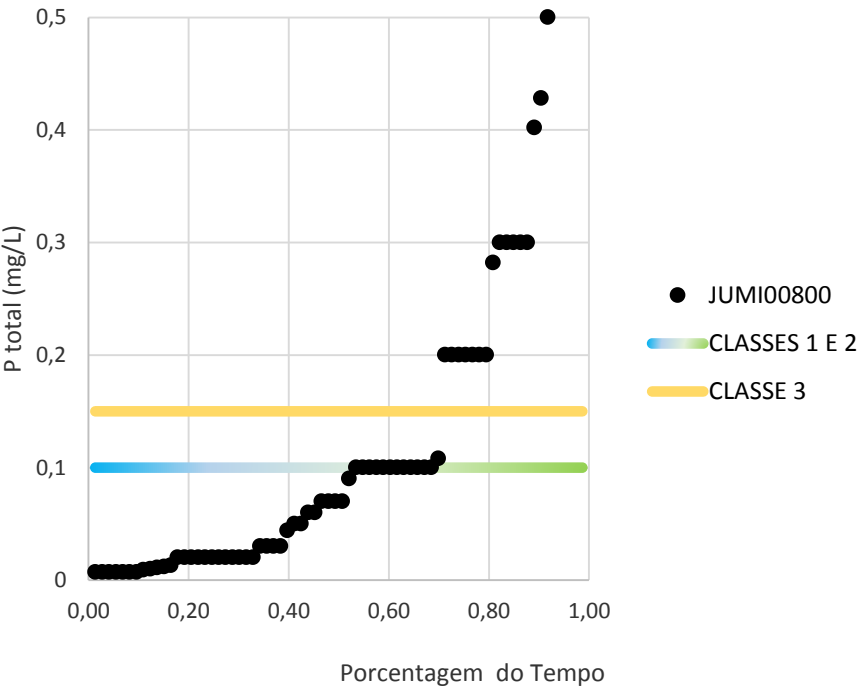


JUMI 00800 – Fósforo Total (mg/L)

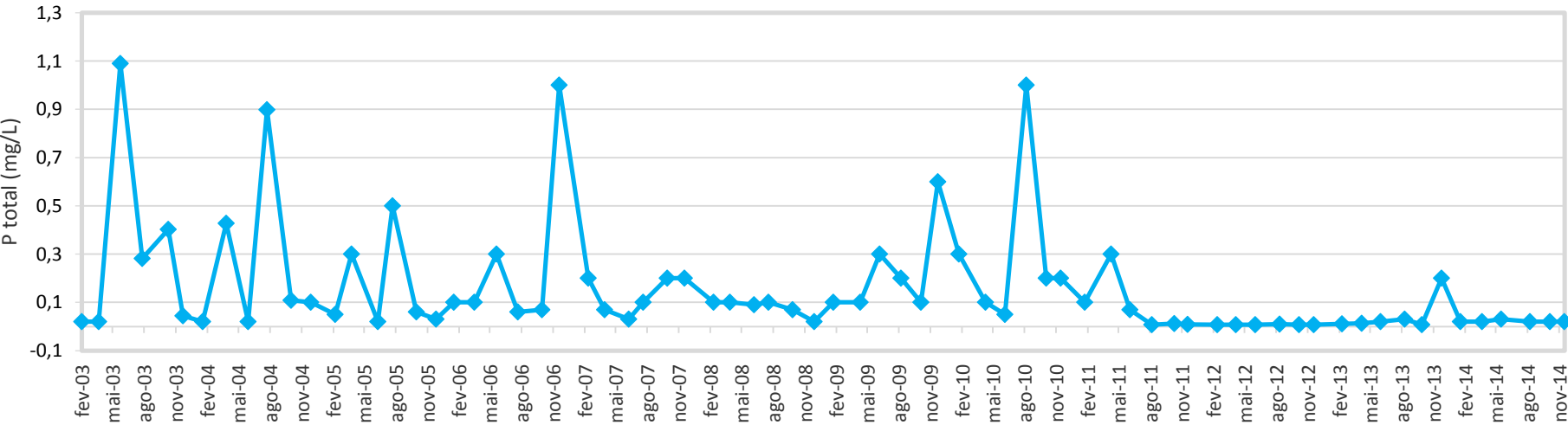
Porcentagem de Atendimento ao Padrão Classe 1 - P total



Curva de Permanência

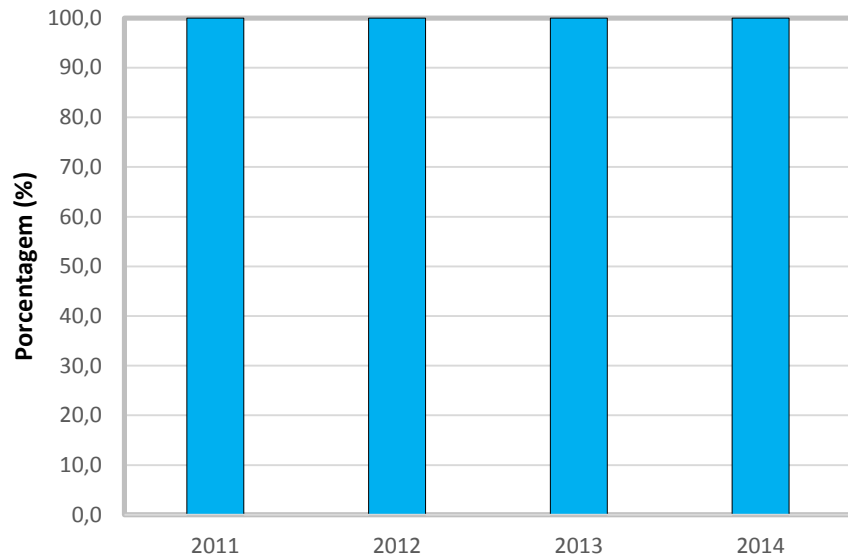


Evolução Temporal

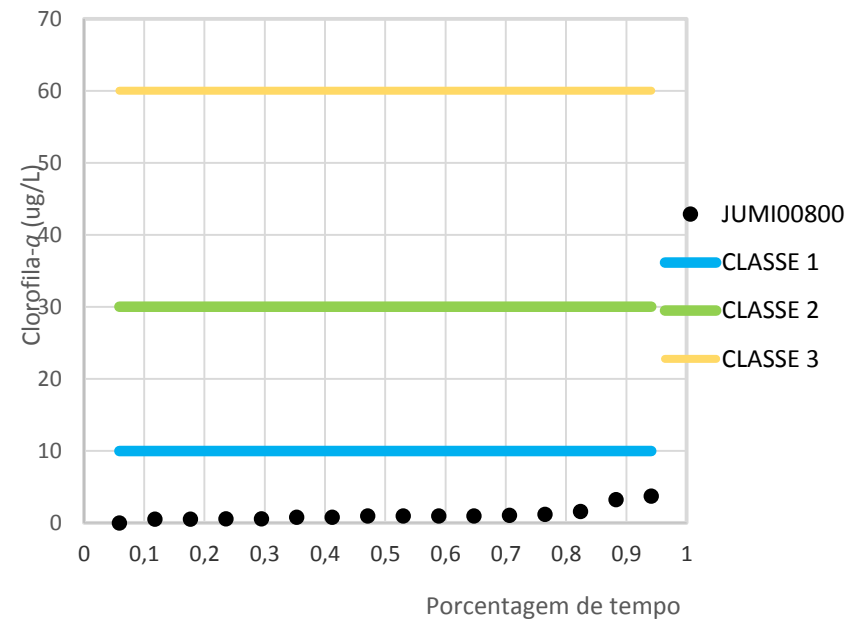


JUMI 00800 – Clorofila-*a* (µg/L)

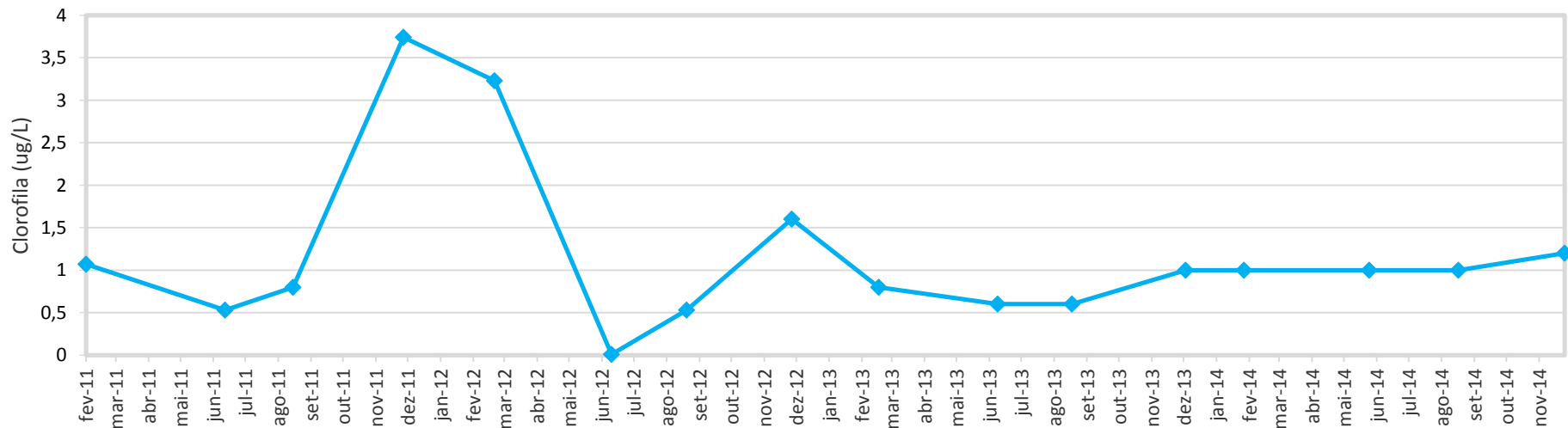
Porcentagem de Atendimento ao Padrão Classe 1 -
Clorofila-*a*



Curva de Permanência

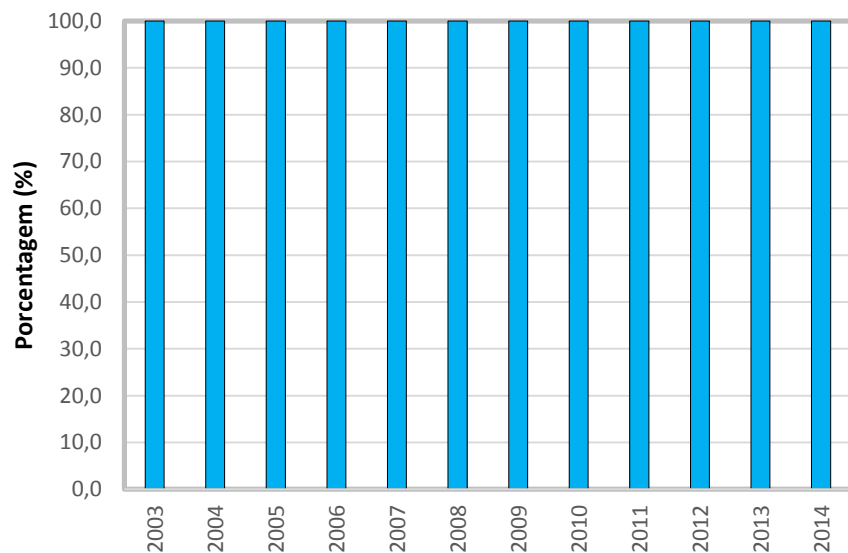


Evolução Temporal

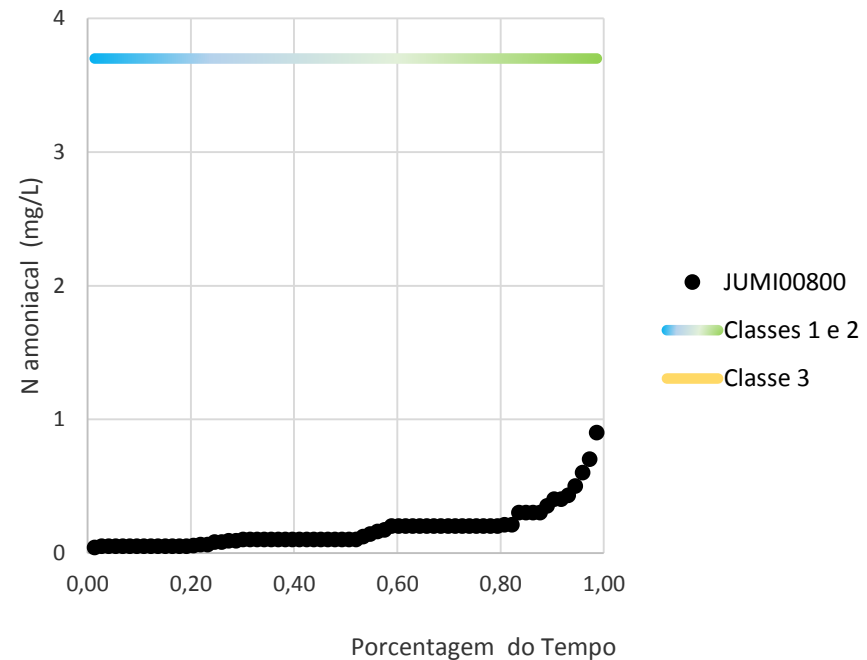


JUMI 00800 – Nitrogênio Amoniacal (mg/L)

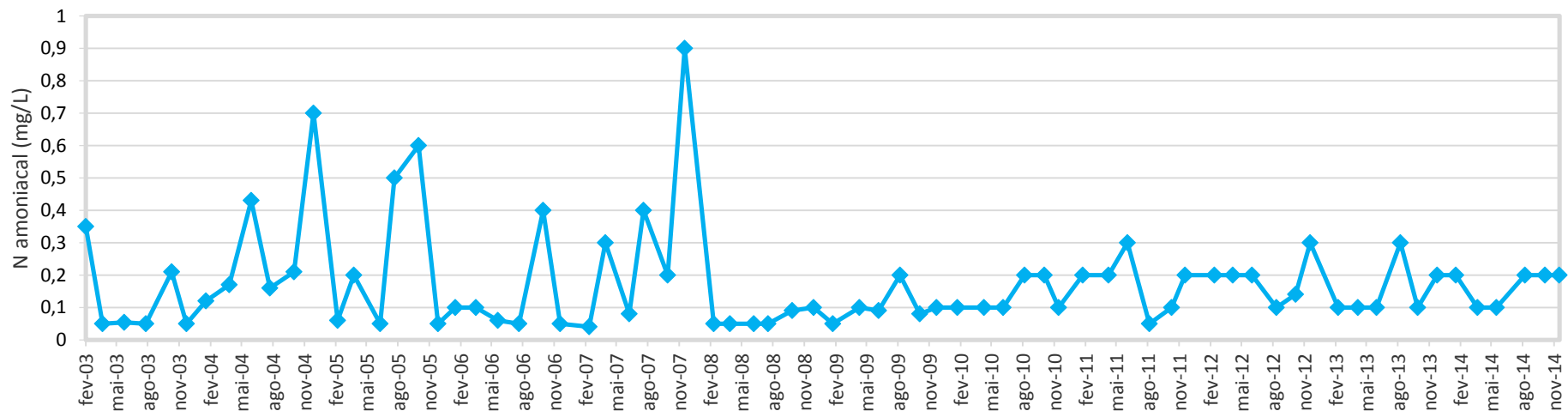
Porcentagem de Atendimento ao Padrão Classe 1 - N amoniacal



Curva de Permanência

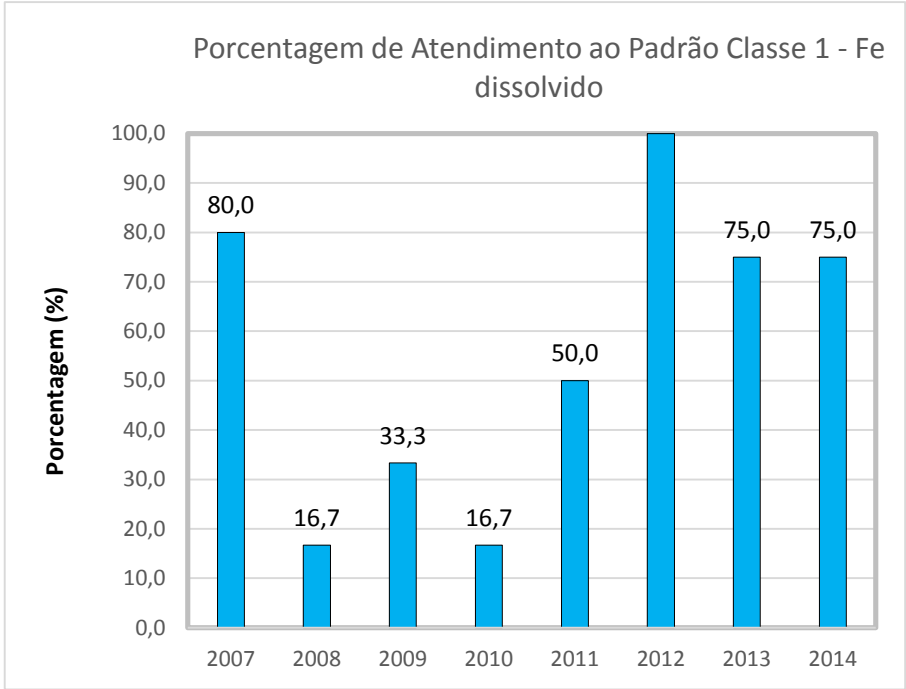


Evolução Temporal

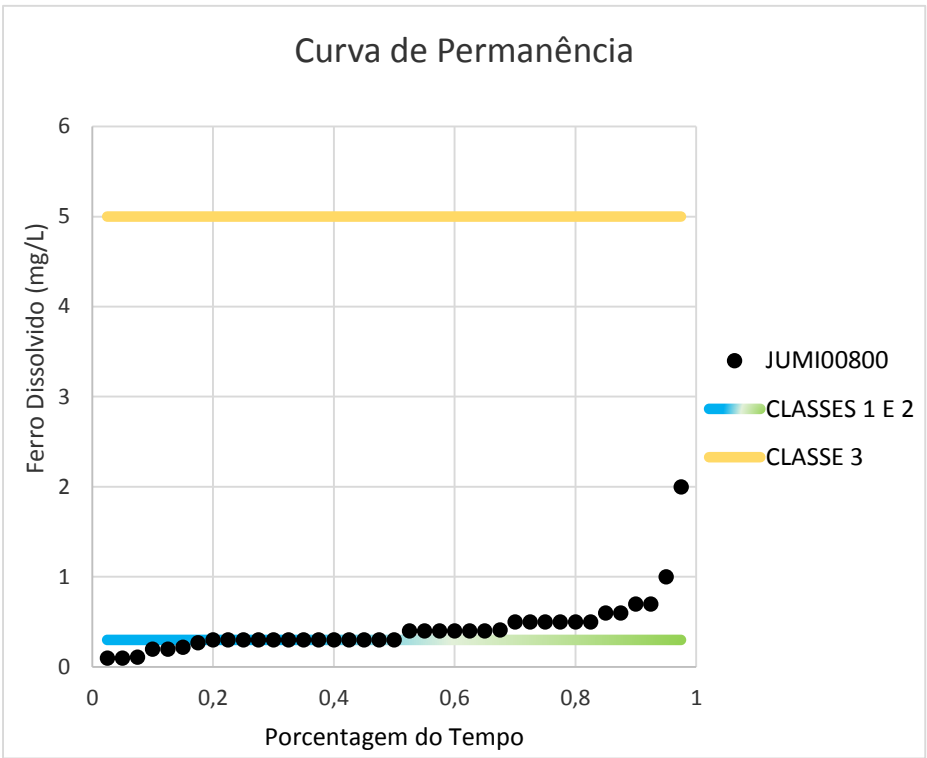


JUMI 00800 – Ferro Dissolvido (mg/L)

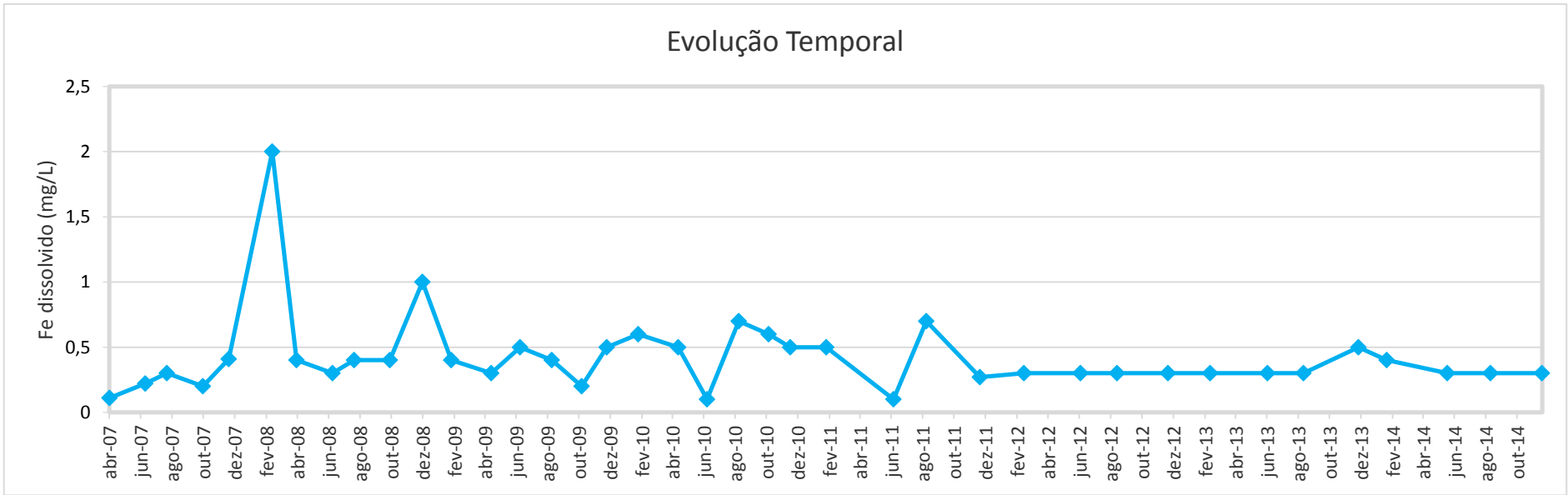
Porcentagem de Atendimento ao Padrão Classe 1 - Fe dissolvido



Curva de Permanência

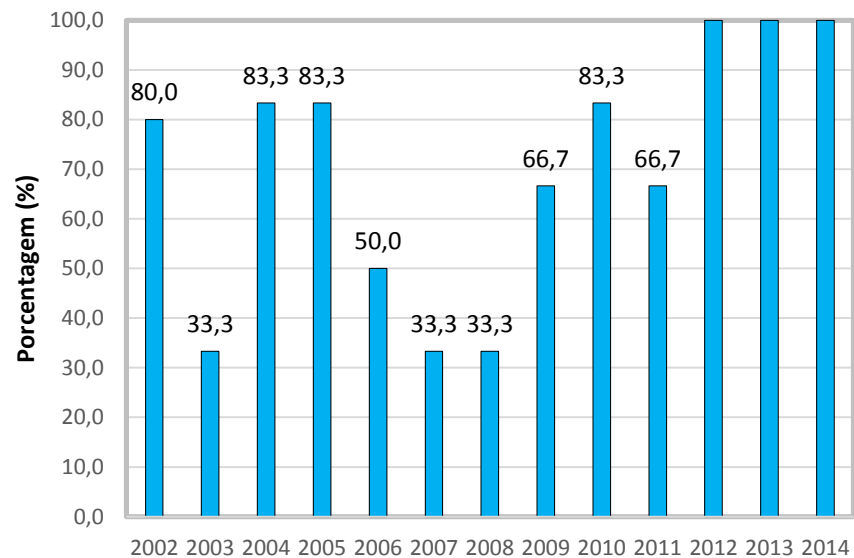


Evolução Temporal

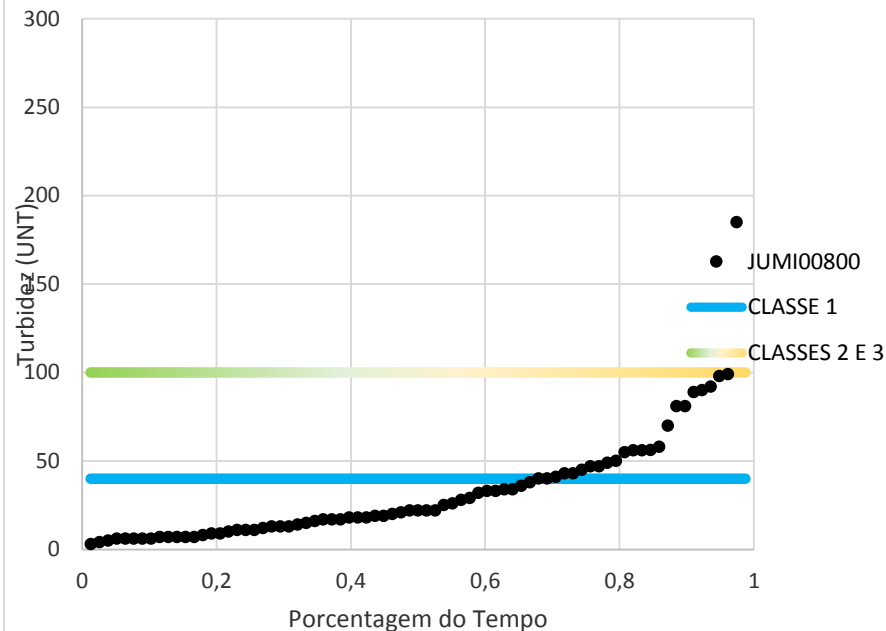


JUMI 00800 – Turbidez (UNT)

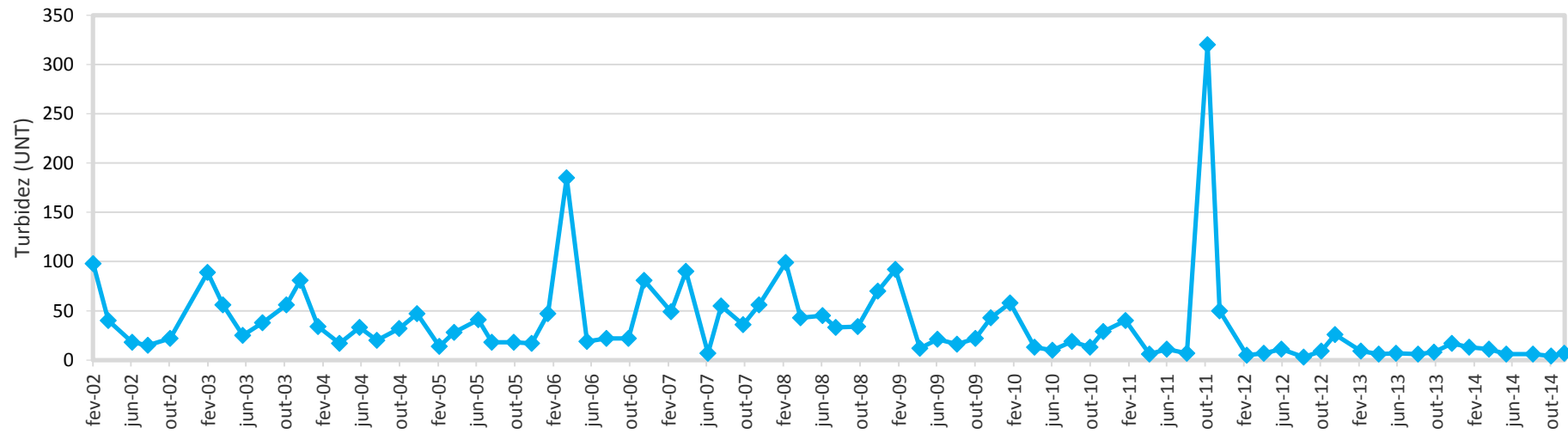
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (geral)



Curva de Permanência- Turbidez (Geral)

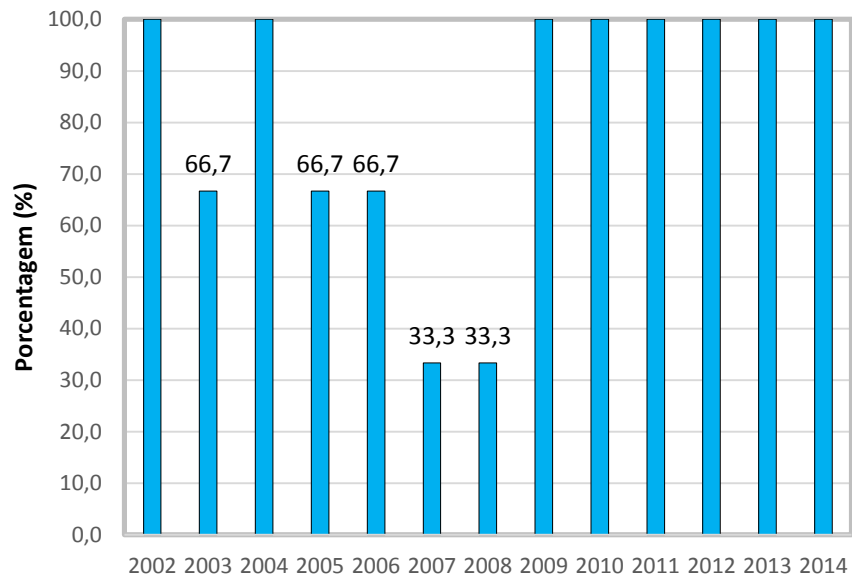


Evolução Temporal

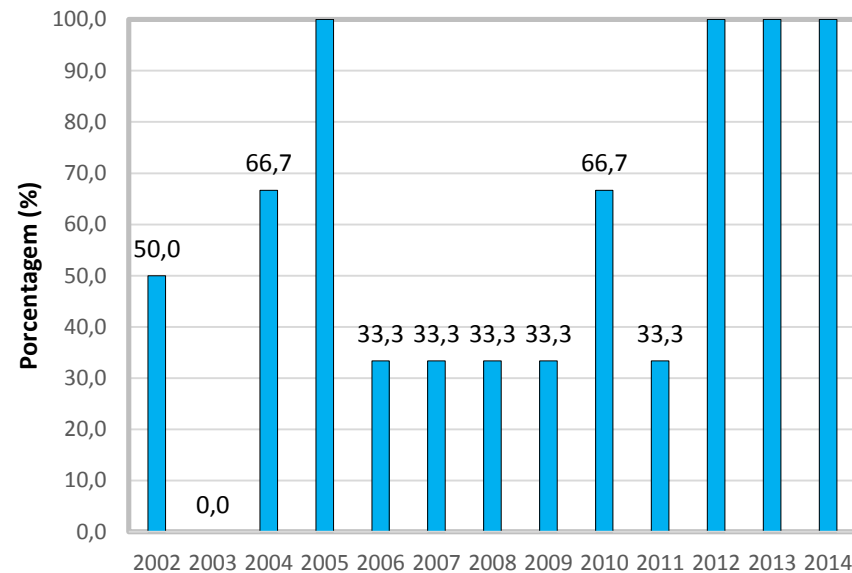


JUMI 00800 – Turbidez (Período Seco x Período Chuvoso)

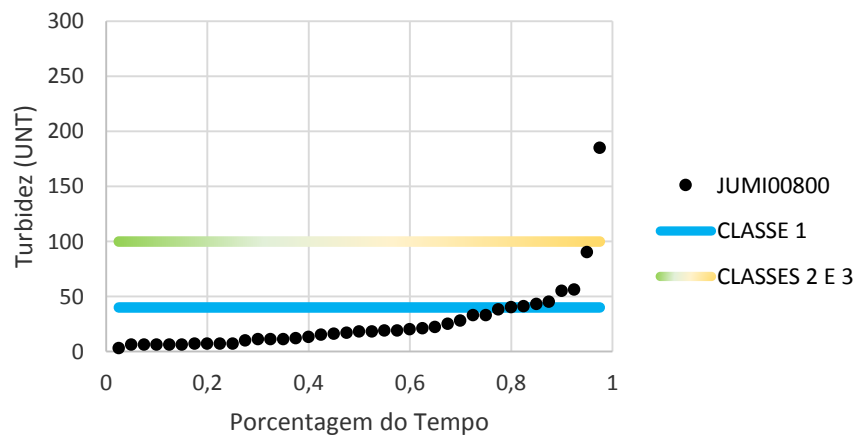
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (seco)



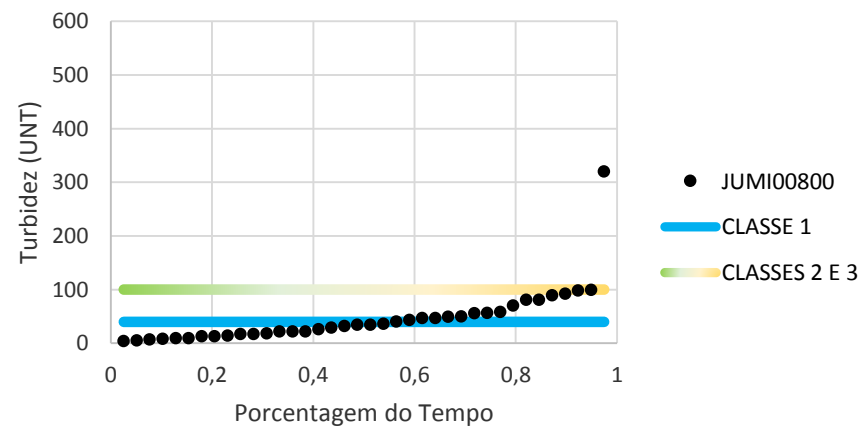
Porcentagem de Atendimento ao Padrão Classe 1 -
Turbidez (chuvoso)



Curva de Permanência- Turbidez
(Período Seco)

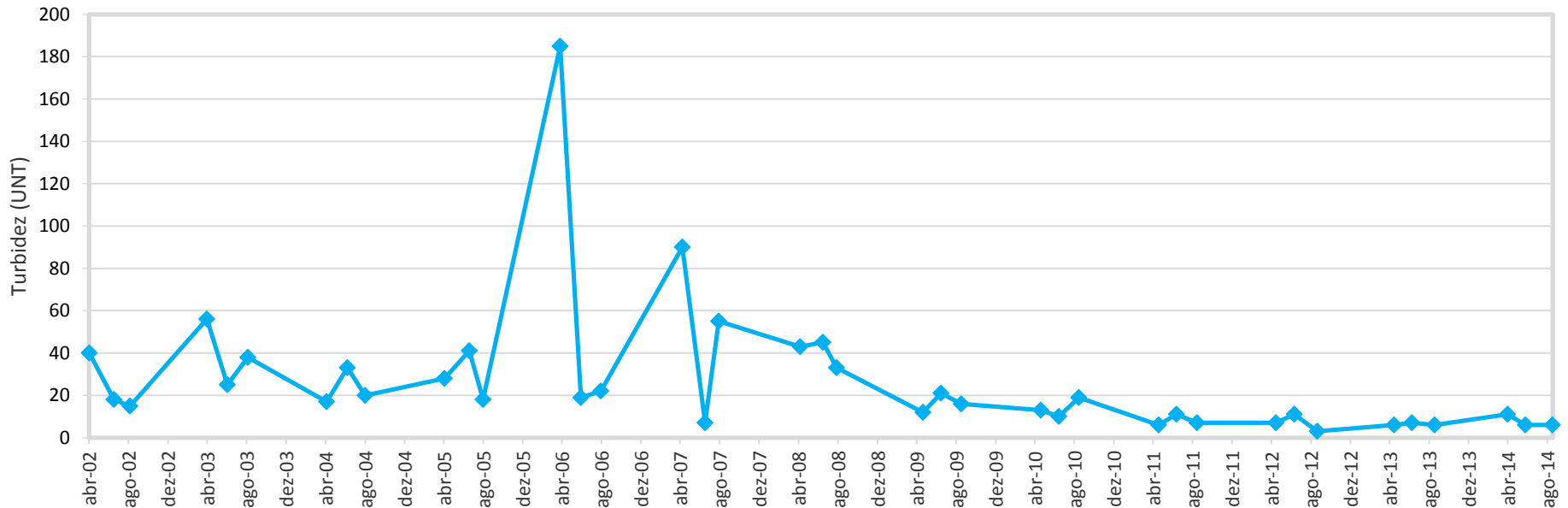


Curva de Permanência- Turbidez
(Período Chuvoso)

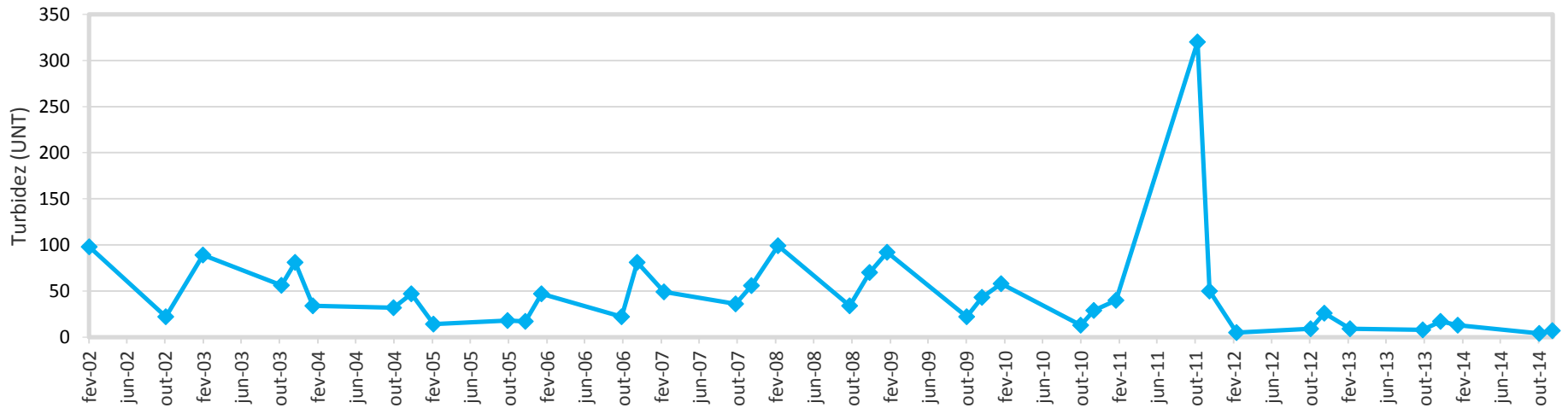


JUMI 00800 – Turbidez (Período Seco x Período Chuvoso)

Evolução Temporal - Período Seco



Evolução Temporal - Período Chuvoso



RESUMO

Tabela Resumo – Matéria Orgânica

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Oxigênio Dissolvido	JUNA02010	79	93	97	98
	JUNA02020	51	77	86	99
	JUNA02100	26	48	62	89
	JUNA04150	5	9	20	43
	JUNA04190	4	10	25	64
	JUNA04200	5	17	26	60
	JUNA03270	26	60	79	98
	JUNA04700	23	75	86	97
	JUNA04900	3	14	34	58
	JUZI02400	93	100	100	100
	JUMI00100	95	97	100	100
	JUMI00250	92	97	99	100
	JUMI00500	92	100	100	100
	JUMI00800	91	99	100	100
	CXBU02900	90	90	97	100
	IRIS02100	75	89	94	99
	IRIS02200	51	85	94	95
	IRIS02250	9	23	35	67
	IRIS02400	7	41	73	94
	IRIS02600	60	82	98	99
	IRIS02900	73	91	96	99

Tabela Resumo – Matéria Orgânica

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
DBO (5, 20)	JUNA02010	36	75	94	
	JUNA02020	4	22	54	
	JUNA02100	2	7	32	
	JUNA04150	0	0	5	
	JUNA04190	0	5	27	
	JUNA04200	0	2	32	
	JUNA03270	0	2	31	
	JUNA04700	1	6	51	
	JUNA04900	0	0	8	
	JUZI02400	40	60	90	
	JUMI00100	95	98	100	
	JUMI00250	97	99	100	
	JUMI00500	79	92	98	
	JUMI00800	98	98	99	
	CXBU02900	90	93	97	
	IRIS02100	94	95	99	
	IRIS02200	57	67	79	
	IRIS02250	15	33	64	
	IRIS02400	11	37	77	
	IRIS02600	52	72	92	
	IRIS02900	93	97	98	

Tabela Resumo - Nutrientes

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Fósforo Total	JUNA02010	49	49	51	
	JUNA02020	15	15	19	
	JUNA02100	14	14	17	
	JUNA04150	3	3	6	
	JUNA04190	4	4	7	
	JUNA04200	3	3	6	
	JUNA03270	8	8	8	
	JUNA04700	8	8	8	
	JUNA04900	8	8	9	
	JUZI02400	48	48	76	
	JUMI00100	69	69	72	
	JUMI00250	78	78	78	
	JUMI00500	69	69	69	
	JUMI00800	69	69	71	
	CXBU02900	63	63	63	
	IRIS02100	19	28	42	
	IRIS02200	11	11	17	
	IRIS02250	3	3	6	
	IRIS02400	6	6	8	
	IRIS02600	3	3	11	
	IRIS02900	32	32	40	

Tabela Resumo - Nutrientes

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Nitrogênio Amoniacal	JUNA02010	99	99	100	
	JUNA02020	94	94	99	
	JUNA02100	97	97	100	
	JUNA04150	31	31	97	
	JUNA04190	37	37	93	
	JUNA04200	34	34	93	
	JUNA03270	49	49	93	
	JUNA04700	51	51	91	
	JUNA04900	57	57	94	
	JUZI02400	100	100	100	
	JUMI00100	100	100	100	
	JUMI00250	100	100	100	
	JUMI00500	100	100	100	
	JUMI00800	100	100	100	
	CXBU02900	100	100	100	
	IRIS02100	100	100	100	
	IRIS02200	94	94	100	
	IRIS02250	53	53	94	
	IRIS02400	75	75	96	
	IRIS02600	77	77	97	
	IRIS02900	100	100	100	

Tabela Resumo - Nutrientes

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Clorofila-a	JUNA02010	100	100	100	
	JUNA02020	100	100	100	
	JUNA02100	100	100	100	
	JUNA04190	25	50	75	
	JUNA04200	25	50	50	
	JUNA03270	50	50	50	
	JUNA04700	25	50	50	
	JUNA04900	25	50	50	
	JUZI02400	100	100	100	
	JUMI00100	100	100	100	
	JUMI00250	100	100	100	
	JUMI00500	100	100	100	
	JUMI00800	100	100	100	
	CXBU02900	100	100	100	
	IRIS02100	94	100	100	
	IRIS02200	63	75	88	
	IRIS02250	63	88	100	
	IRIS02400	75	100	100	
	IRIS02600	100	100	100	
	IRIS02900	99	99	100	

Tabela Resumo - Microbiológico

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Coliformes Termotolerantes / Escherichia coli	JUNA02010	0	2	2	
	JUNA02020	1	1	6	
	JUNA02100	0	1	2	
	JUNA04150	0	0	0	
	JUNA04190	0	0	0	
	JUNA04200	0	0	0	
	JUNA03270	1	1	4	
	JUNA04700	0	0	3	
	JUNA04900	1	1	1	
	JUZI02400	0	0	23	
	JUMI00100	3	15	47	
	JUMI00250	15	47	80	
	JUMI00500	0	1	30	
	JUMI00800	79	97	98	
	CXBU02900	3	43	73	
	IRIS02100	30	64	76	
	IRIS02200	6	19	45	
	IRIS02250	2	11	26	
	IRIS02400	7	31	70	
	IRIS02600	5	36	68	
	IRIS02900	34	84	93	

Tabela Resumo - Sólidos

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Ferro Dissolvido	JUNA02010	54	54	97	
	JUNA02020	73	73	100	
	JUNA02100	81	81	100	
	JUNA04150	79	79	100	
	JUNA04190	92	92	100	
	JUNA04200	88	88	100	
	JUNA03270	75	75	100	
	JUNA04700	88	88	100	
	JUNA04900	58	58	100	
	JUZI02400	0	0	100	
	JUMI00100	44	44	100	
	JUMI00250	19	19	100	
	JUMI00500	69	69	100	
	JUMI00800	51	51	100	
	CXBU02900	14	14	100	
	IRIS02100	59	59	100	
	IRIS02200	81	81	100	
	IRIS02250	81	81	100	
	IRIS02400	38	38	100	
	IRIS02600	56	56	100	
	IRIS02900	44	44	100	

Tabela Resumo - Sólidos

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Turbidez	JUNA02010	60	78	78	
	JUNA02020	53	80	80	
	JUNA02100	51	79	79	
	JUNA04150	23	69	69	
	JUNA04190	47	82	82	
	JUNA04200	52	78	78	
	JUNA03270	37	76	76	
	JUNA04700	49	75	75	
	JUNA04900	22	77	77	
	JUZI02400	83	87	87	
	JUMI00100	70	94	94	
	JUMI00250	61	79	79	
	JUMI00500	38	73	73	
	JUMI00800	70	97	97	
	CXBU02900	73	90	90	
	IRIS02100	96	97	97	
	IRIS02200	86	95	95	
	IRIS02250	87	97	97	
	IRIS02400	82	96	96	
	IRIS02600	81	91	91	
	IRIS02900	87	93	93	

Tabela Resumo: Turbidez (Seco x Chuvoso)

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Turbidez (seco)	JUNA02010	72	87	87	
	JUNA02020	64	89	89	
	JUNA02100	56	85	85	
	JUNA04150	23	72	72	
	JUNA04190	59	85	85	
	JUNA04200	67	87	87	
	JUNA03270	49	84	84	
	JUNA04700	56	90	90	
	JUNA04900	22	91	91	
	JUZI02400	100	100	100	
	JUMI00100	67	95	95	
	JUMI00250	74	90	90	
	JUMI00500	46	85	85	
	JUMI00800	82	97	97	
	CXBU02900	80	87	87	
	IRIS02100	97	97	97	
	IRIS02200	90	97	97	
	IRIS02250	90	95	95	
	IRIS02400	87	95	95	
	IRIS02600	90	92	92	
	IRIS02900	91	98	98	

Tabela Resumo: Turbidez (Seco x Chuvoso)

Variável	Ponto	% de Atendimento ao Padrão			
		Classe 1	Classe 2	Classe 3	Classe 4
Turbidez (chuvoso)	JUNA02010	47	68	68	
	JUNA02020	41	70	70	
	JUNA02100	45	74	74	
	JUNA04150	24	66	66	
	JUNA04190	34	79	79	
	JUNA04200	37	68	68	
	JUNA03270	24	67	67	
	JUNA04700	42	61	61	
	JUNA04900	22	62	62	
	JUZI02400	67	73	73	
	JUMI00100	74	92	92	
	JUMI00250	47	68	68	
	JUMI00500	29	61	61	
	JUMI00800	58	97	97	
	CXBU02900	67	93	93	
	IRIS02100	95	97	97	
	IRIS02200	82	92	92	
	IRIS02250	84	100	100	
	IRIS02400	76	97	97	
	IRIS02600	71	89	89	
	IRIS02900	82	89	89	