

:				
	201513040111			2015
	201513040206			2015
	201613040204			2016
	201613040214			2016
	201613040210			2016
			( / )	
—	2015		2016	2015

				1	
				1	
	1				
		1			
		2		10	4
	12				

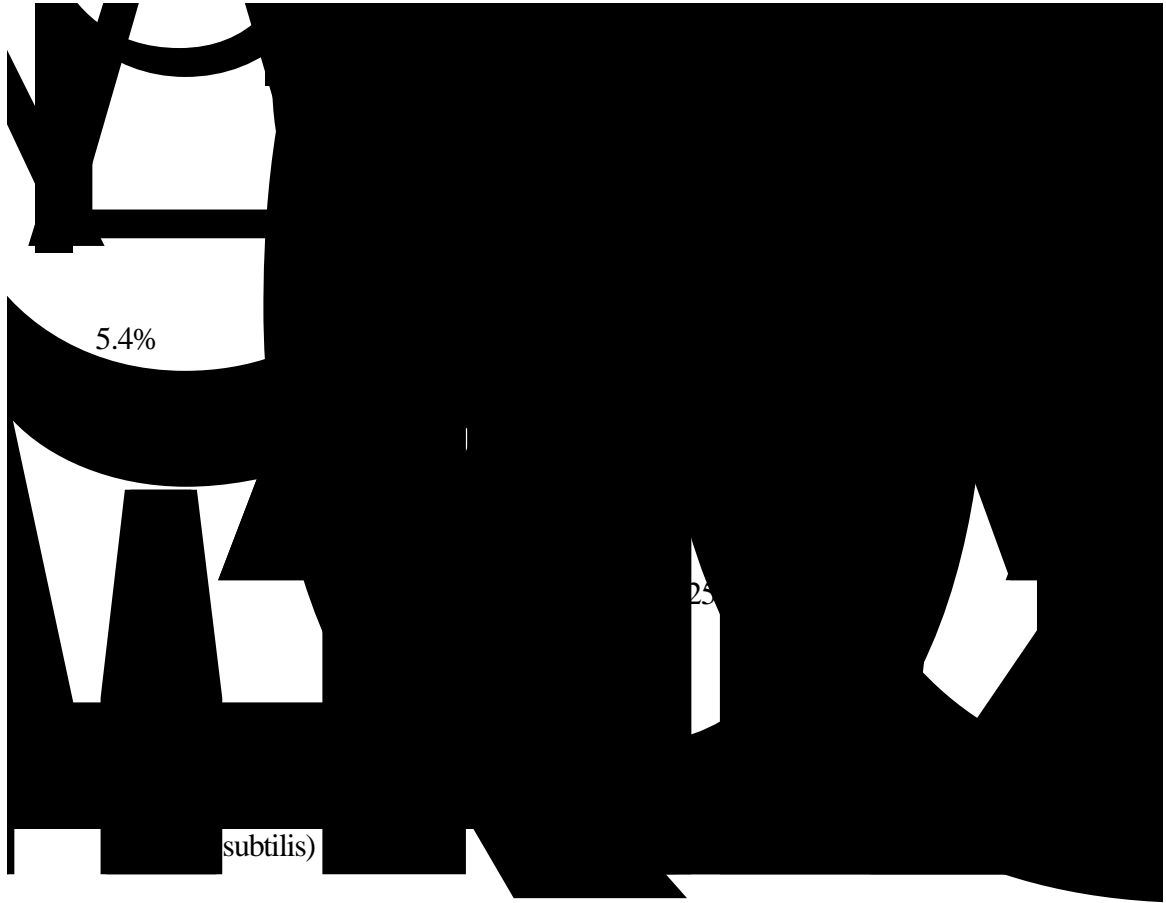
1					
2015			"	"	"
2020			10%	2030	
	"		"	"	"
				"	"
	"				"
	-	-			
2					
1					

2

1

1979 BESTMAN  
20 80  
Nathalie (NTF)  
(D innoxia) 90  
20 80

			20	90					
								1991	5
								10 m	
						10cm			
			100m	4	(1991.5—1995.2)		BOD	SS	
	31.8%		18.5%						
								8cm	
							CODMn		
92.9 %	86.9%	TN		95.0 %	93.5%	NH <sub>3</sub> -N	70.2 %	65.1%	



TP		20~90	20~90	10~30	30~90%		BOD <sub>5</sub>	SS	TN	TP
	90~95	90~95	30~70	30~50%						

		BOD <sub>5</sub>	SS	TP	TN	NH <sub>3</sub> -N	12.5	81	1.13	10.4	8.7	mg/L
3.6	48	0.376	5.84	4.34		mg/L						

					4d				V	IV
4		TN	TP		CODMn		69.4%	84%	72.3%	

1

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2

3

4

/ /

O/A/O

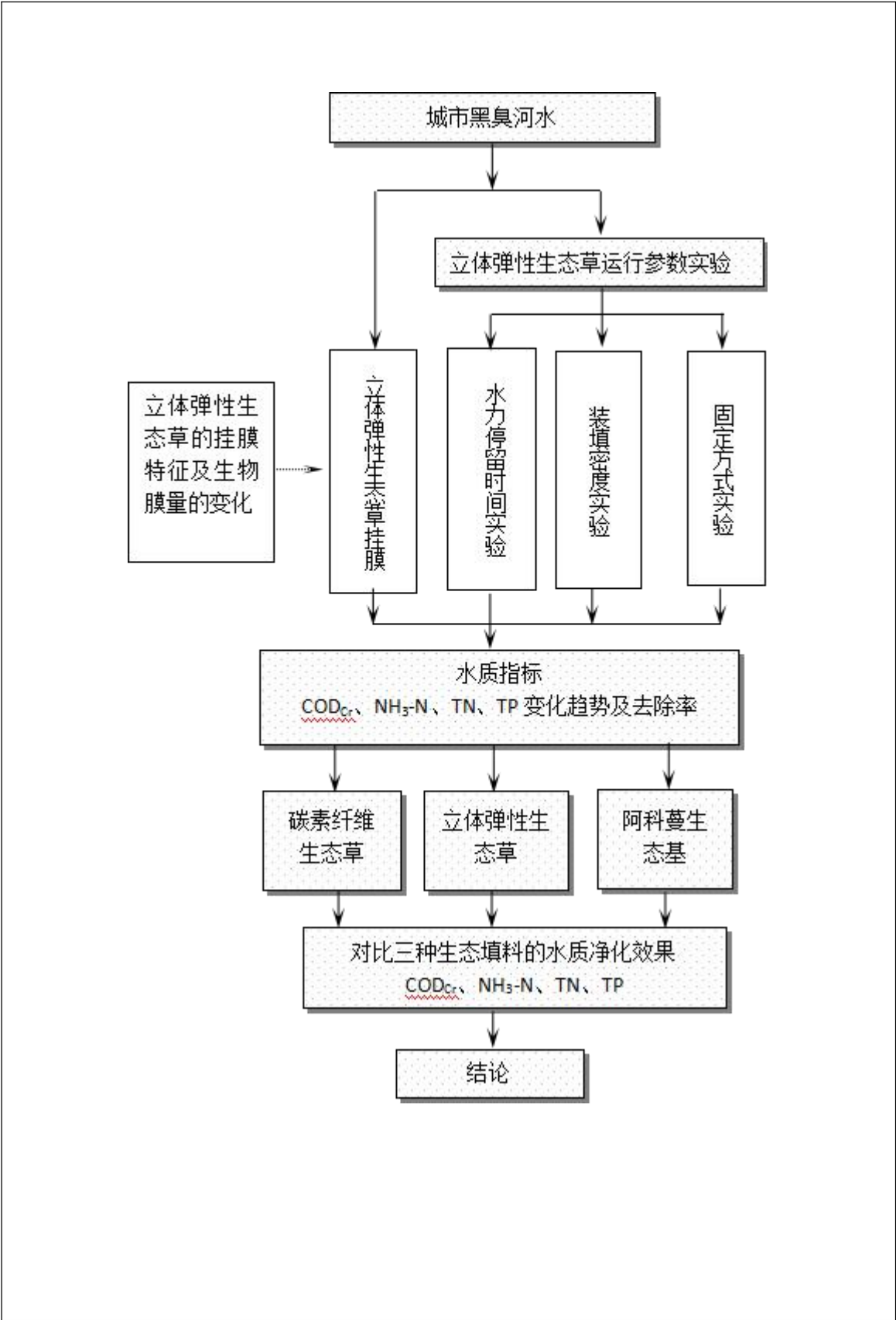
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A/O

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A/O/A

5





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3

CODCr NH3-N TN TP DO pH

4

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3

4

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2017 4 15

