

TABLE 1: Water Quality Standards in Northeast Asia

Parameters	Japan	Taiwan	China	South Korea	Russia
T°C			< 4° C above ambient		< 5° C above ambient
pH	7.8-8.3	7.5-8.5; 7.5-8.5; 7.0-8.5	7.5-8.4; 7.3-8.8; 6.5-9.0	7.3-8.3; 6.5-8.5; 6.5-8.5	6.5, 8.5
COD	< 1 mg/l 2, 3, 8	(BOD) 2, 3, 6	< 1 mg/l 3, 4, 5	1.0, 2.0, 4.0	2.0
DO	> 1 mg/l 7.5, 5, 2	> 1 mg/l 5.0, 5.0, 2.0	5.0, 4.0, 3.0	> 95, > 85, > 80	6.0, 4.0
Coliform	< 1,000 MPN ⁴ /100 ml	(A only) < 1,000 MPN/100 ml	10,000/(700 for shellfish culture)	< 200 < 1,000	
N-hexane extracts	0				
Phenols		0.01	0.005, 0.01, 0.05		0.001 ¹⁵
Mineral oil and fat		.2, 2, -	0.05, 0.01, 0.05		
Heavy metals		(mg/l)			
Arsenic		0.05	0.05, 0.1, 0.1	0.005	.05
Cadmium		.01	.005, .01, .01	.01	0.005
Chromium		0.05	0.1, 0.5, 0.5	.05	0.01
Copper		0.02	0.01, 0.1, 0.1		0.05
Cyanide		0.02	0.02, 0.1, 0.5		
Lead		0.1	.05, .01, 0.1	.01	0.1
Mercury		0.002	.0005, .001, .001		0.0001
Selenium		0.05			
Silica			0.01, 0.02, 0.03		
Sulfide					
Zinc		0.04	0.1, 1.0, 1.0		0.01
Agricultural chemicals					
Organic phosphorous		0.1			0.0
Inorganic phosphorous			0.015, 0.03, 0.045		
Organic chloride			0.001, 0.02, 0.04		

Inorganic nitrogen			0.01, 0.2, 0.3		0.1
DDT, DDD, DDE		0.001			0.1
Heptachlor and heptachlor epoxide		0.001			0.05
Suspended sediment				< 10; < 25;-	
Floating material			No surface oil, froth, other		No surface oil, froth, other
Color, odor, smell			Normal		

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