

▪

“

”

▪

가

가

가

EDTA(ethylenediaminetetraacetic acid)가

가 EDTA

2

EDTA가

▪

9

pH,

temperature, DO, T-N, T-P, CODcr

pH, temperature,

T-N, T-P, CODcr,

EDTA EDTA-metal

complex

가

, US EPA method

CODCr, T-P

sorted ~ Extremely poorly sorted

sand,

Poorly

가,

2007

가

Al > Zn > Ba > Mn > Pb Se > Cu >

Ni As > Cd > Cr > Be > Hg

, Hg

Al > Mn > Ba > Zn > Cd > Ni

> Cu > Pb > As > Be > Se > Cr > Hg
method)

, microwave (EPA

4 mg/kg

30

mg/kg

1

Cd

가

4 mg/kg

30 mg/kg

1,

2,

4,

5

2007

가

2007

가 가

Hg

2007

, 2008

Hg가

Cd

가

가

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4.19		76
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4.22		(Cd)	83
4.23		(Cr())	84
4.24		(Cu)	85
4.25		(Pb)	86
4.26		(Ni)	87
4.27		(Zn)	88
4.28		(Al)	89
4.29		(Ba)	90

4.30	(Be)	91
4.31	(Mn)	92
4.32	(Se)	93
4.33	(Hg)	94
4.34	98
4.35	99