

土 木 研 究 所 資 料

第1549号

分流式下水道からの雨水流出水に 関するデータベース

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まえがき

建設省土木研究所では、昭和42年度より雨天時下水の観測を行ってきたが、この調査の当初の目的は下水道整備区域における降雨一流出の機構を解明することであった。当時の下水道に対する社会的な要望として「市街地の浸水防止」ということが大きな部分を占めていたのでこのような調査目的となったわけである。しかしながら、社会的要望は時々刻々と変化するのが常であり、下水道に対する要望も浸水防止から水質汚濁防止へとその重心が移行してきた。

現在の下水道は、その排除方式から合流式下水道と分流式下水道に分けられるが、合流式下水道の場合には汚水と雨水との混合下水を、途中のポンプ場あるいは雨水吐室より直接公共用水域に放流することから、その水質汚濁への影響が懸念されていた。そこで従来の雨天時下水の観測項目の中に水質も含め、昭和48年より「合流式下水道の改良に関する調査」として雨天時下水の調査を再開し、土木研究所資料第1478, 1544号にその結果がまとめられている。

これに対して、都市の発展とともに在来清浄と考えられていた都市流出水も次第に水質的には看過し得ないものであることが指摘されるようになった。そこで、昭和48年頃から分流式下水道正域の雨水渠を対象に雨水流出水の少量、水質調査が行われるようになった。本資料集は従前（S.42年度）、岐阜市に委託して行った調査をも合わせて、分流式下水道正域の雨水流出水の水量・水質データをまとめたものである。

わが国では、下水道整備率そのものが低いので、このような雨水流出水の公共用水域へのインパクトは未だ微々たるものと考えられるが、将来的には「雨天時の問題」は必ず直面するもので、今からこのような調査・研究に取り組んでおくことは非常に大きな意義があると考えられる。このデータ集が、このような調査・研究に取り組んでいる関係各位に少しでも役立てば幸いである。

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第 I 章 概 説

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1. 試験排水区について

本資料集で対象とする排水区は、すべて分流式下水道を採用している区域の雨水排除区域であり、雨水渠の流量・水質を測定したものである。排水区の特徴をまとめると表 1 のようになる。

表 1. 試験排水区の概要

	A (ha)	人口 密度 (人/ha)	工 種 別 面 積 (ha)				$\frac{a+b}{A}$	地表 勾配 (0/100)	管渠 勾配 (0/100)
			a	b	c	d			
YAMAGATA	1369	1095	5.6	1.7	—	—	0.533	2.26	1.78
		79.6							
GIFU	1064	227.5	78.0	7.0	14.0	74	0.799	1.0	1.7
KITASUMA	267.5	90.0	6.97	5.22	10.22	43.4	0.456	2.74	3.73
		121.0							
HANAKUMA	171.7	541.6	6.39	9.31	0.17	13.0	0.914	16.1	22.5
		157.0							

a : 建物 (屋根)

c : 未舗装道, 間地, 鉄道構内, 運動場等

b : 簡易舗装, 高級舗装, 駐車場等

d : 公園, 芝生, 庭園, 畑土等

2. 数値表について

数表は降雨・流出量のデータと雨天時の流量, 水質, 流出負荷量, 累積負荷量のデータの 2 つから成り立っている。

降雨データは Δt 時間内の降雨量で表わし, 流量は雨天時流量を示してある。ただし, 表のデータは報告されたものをそのまま載せてあるので, 降雨と流量の自記紙の送りに「ずれ」が生じていた場合には, どちらかの時刻を修正する必要がある。

また水質のデータについても報告されたものをそのまま載せてあり, 明らかに「異常値」として取り除かねばならないデータもそのまま生かしてある。異常値をどのように扱つかうかは, このデータベースを利用する人の判断にまかせてある。老婆心ながら, 累積値表の使い方の一例を示すと

時刻	流 量 (m^3/s)	流量 $\times\Delta T$ (m^3)	Σ 流量 $\times\Delta T$ (m^3)	水 質 (mg/ℓ)	負 荷 量 (g/s)	負荷量 $\times\Delta T$ (kg)	Σ 負荷量 $\times\Delta T$ (kg)
T1	Q1			W1	L1		
T2	Q2	F1	$\Sigma_1^2 F_i$	W2	L2	ℓ_1	ℓ_1
T3	Q3	F2	$\Sigma_1^3 F_i$	W3	L3	ℓ_2	$\Sigma \ell_i$
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
Tn	Qn	F _{n-1}	$\Sigma_1^{n-1} F_i$	Wn	Ln	ℓ_{n-1}	$\Sigma_1^{n-1} \ell_i$

のように水質のデータ表が作成されているので、この降雨によって果してどのくらいの負荷量が流出したのかを知りたい場合には $\sum_{i=1}^K F_i$ と $\sum_{i=1}^K \ell_i$ とを比較すればよい。

3. カードフォーマート

数値に載せたデータはすべて電算用のカードにパンチされ磁気テープに保存されているが、ここではカードフォーマートについて説明する。

一つの項目のカード上の桁数は10桁とっており、その順番およびフォーマートは図1、表1に表す。

データがNDの場合には0.0001、欠測の場合には-10を打っており、数表では各々ND、-で示されている。

1 枚 目

1~10	11~20	21~30	31~40	41~50	51~60	61~70	71~80
NO	Time	Rain	Q	Temp	PH	Trap	BOD

2 枚 目

1~10	11~20	21~30	31~40	41~50	51~60	61~70	71~80
SBOD	COD (Mn)	SCOD (Mn)	COD (Cr)	TOC	STOC	TOC	SS

3 枚 目

1~10	11~20	21~30	31~40	41~50	51~60	61~70	71~80
VSS	TS	VS	TP	ABS	K-N	NO ₂ -N	NO ₃ -N

4 枚 目

1~10	11~20	21~30	31~40	41~50	51~60	61~70	71~80
Cl	nHx	Coli	FColi	Hard	Zn	Cu	Pb

5 枚 目

1~10	11~20	21~30	31~40	41~50	51~60	61~70	71~80
TCr	Ni	Cd	Hg	As			

項 目	FORMAT	内 容	単 位 (or 例)
NO	i 10	データの番号	1, 2, 3, ……
Time	i 10	時刻	1105 (11時5分)
Rain	F 10.2	降雨量	(mm/△T)
Q	F 10.3	流量	(m^3 /秒)
Temp	F 10.1	水温	(°C)
PH	F 10.2	水素イオン濃度	
Tras	F 10.1	透視度	(cm)
BOD	F 10.2	生物化学的酸素要求量	(mg/l)
SBOD	F 10.2	溶解性生物化学的酸素要求量	(mg/l)
COD (Mn)	F 10.1	過マンガン酸カリ消費量	(mg/l)
SCOD (Mn)	F 10.1	溶解性過マンガン酸カリ消費量	(mg/l)
COD (Cr)	F 10.1	重クロム酸カリ消費量	(mg/l)
TOC	F 10.1	全有機炭素量	(mg/l)
STOC	F 10.1	溶解性全有機炭素量	(mg/l)
TOC	F 10.1	全酸素要求量	(mg/l)
SS	F 10.1	浮遊性懸濁物	(mg/l)
VSS	F 10.1	揮発性懸濁物	(mg/l)
TS	F 10.0	蒸発残留物	(mg/l)
VS	F 10.1	強熱減量	(mg/l)
TP	F 10.3	総リン	(mg/l)
ABS	F 10.3	ABS	(mg/l)
K-N	F 10.2	ケルダール窒素	(mg/l)
NO ₂ -N	F 10.2	亜硝酸性窒素	(mg/l)
NO ₃ -N	F 10.2	硝酸性窒素	(mg/l)
Cl	F 10.1	塩素イオン濃度	(mg/l)
nHx	F 10.2	n ヘキサン抽出物	(mg/l)
Coli	F 10.0	大腸菌群数	(個/ml)
FColi	F 10.0	ふん便性大腸菌群数	(個/ml)
Hard	F 10.2	総硬度	(mg/l)
Zn	F 10.3	亜鉛	(mg/l)
Cu	F 10.3	銅	(mg/l)
Pb	F 10.3	鉛	(mg/l)
TCr	F 10.4	総クロム	(mg/l)
Ni	F 10.3	ニッケル	(mg/l)
Cd	F 10.4	カドミウム	(mg/l)
Hg	F 10.4	総水銀	(mg/l)
As	F 10.4	ヒ素	(mg/l)

第Ⅱ章 排水区特性とデータ

第Ⅱ章 排水区特性とデータ

1. 花隈排水区(神戸市)

1.1 区域の概要

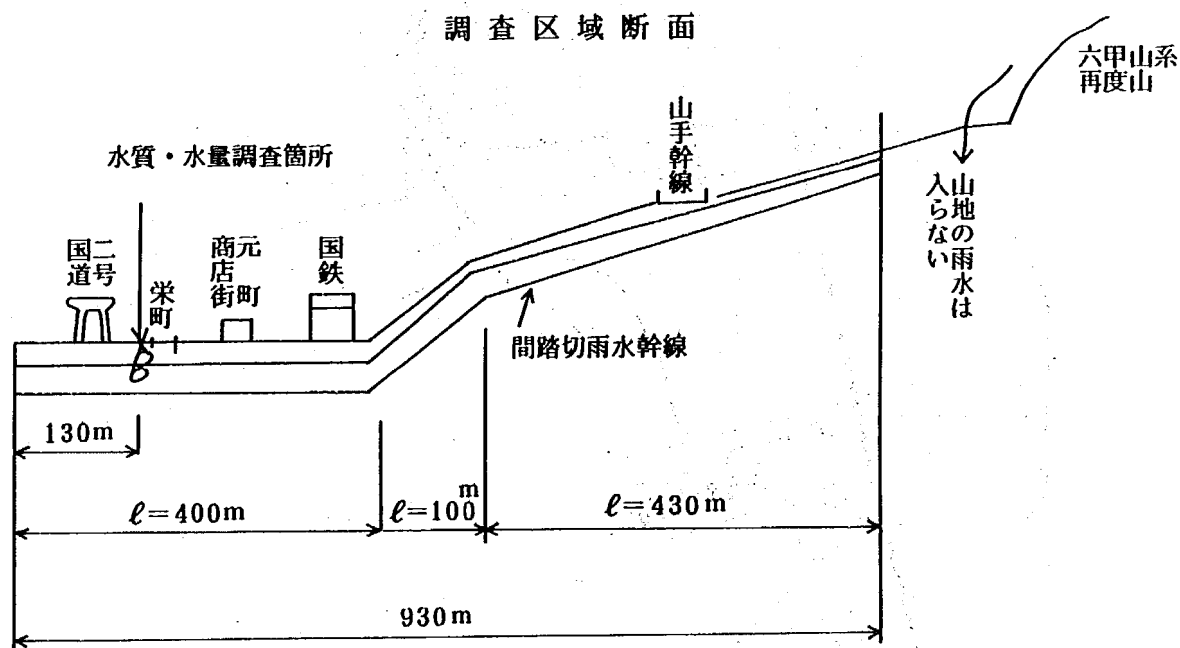
神戸市の市街地は、六甲山系を背にして東西に約30 Kmにわたって細長く伸びているが、山麓より海岸線まで2~3 Kmしかなく、その高低差は100 mに及んでいる。

本調査に選定した花隈地区は、東西に伸びた当市市街地のほぼ中間部に存在し、当市最大ターミナルである三宮駅西約1 Km 地点に位置している。

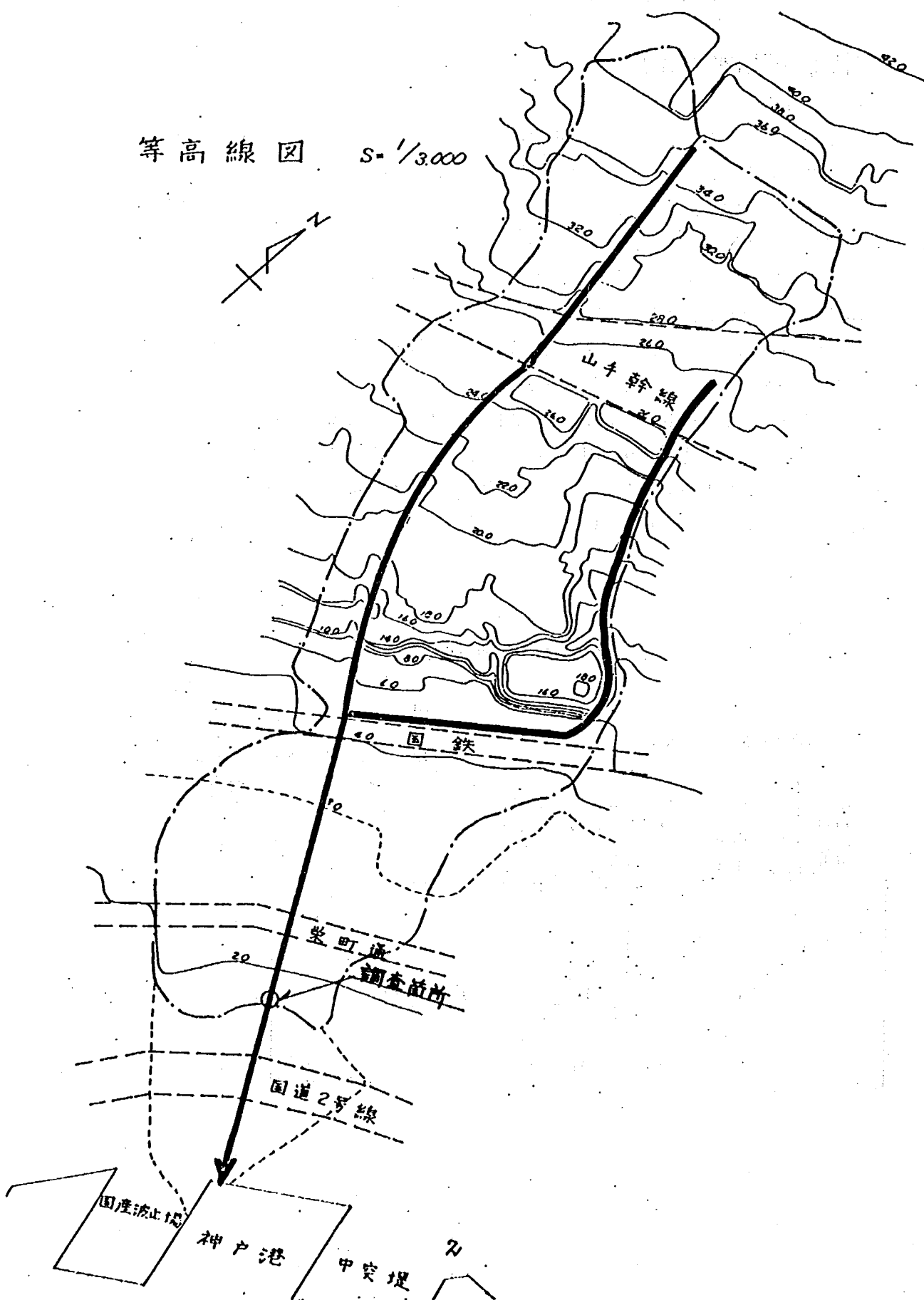
当市は、下水排除方式に分流式を採用しており、この地域も昭和35年頃より污水管の布設が始まり現在の水洗化普及率は96％となっている。

この地区の雨水排除には、間踏切雨水幹線（途中より叉状に分枝）が縦断し、道路側溝等の雨水を
 集合し、神戸港国産波止場地先に排除している。

本区域の排水面積は17.17haであり、東西方向約200m、南北約770m、標高差約33mである。雨水幹線は六甲山系際400m南より端を発しており、山地よりの雨水流入はなく、この区域内の総延長(含分枝)は800mとなっている。国鉄以北上流部は約6%の急勾配であるが下流部約270mは3~15%の平坦となっている。



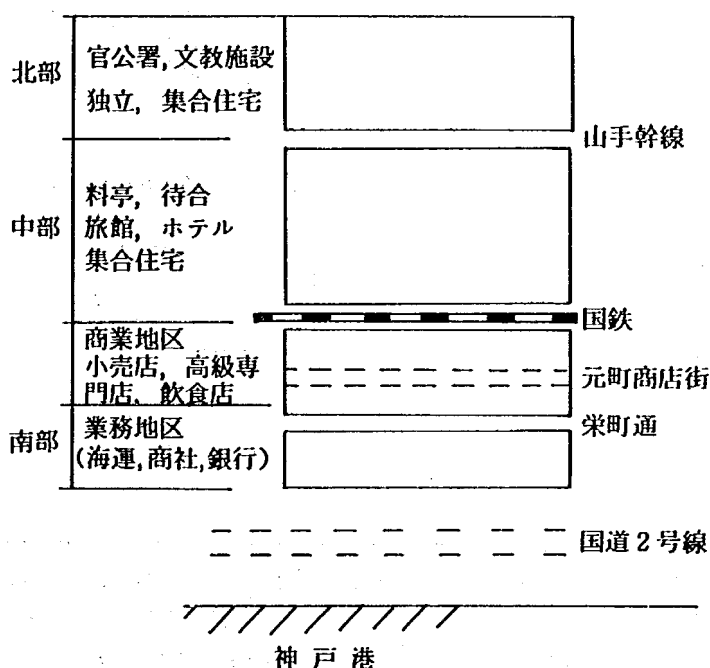
等高線図 S=1/3,000



1.2 土地利用状況

本調査区域は後記の図に示すとおり、比較的明確に、地域的な土地利用の区分がみられる。水質、水量調査箇所附近は海運、商社、銀行等のオフィスが立地し、その上流は元町本道を中心とする高級専門店などの一大商業地域を形成している。国鉄以北より山手幹線道路までの間は料亭、待合等を中心とした通称“花隈”といわれ社交施設、旅館、ホテルなどの宿泊施設とマンション等の集合住宅が存在する。山手幹線道路以北は、官公署、学校、住宅等が主に立地している。なお、利用区分からみると、この区域は道路率が33.2%と高い値を示している。

流域の土地利用のパターン



人口の現況については、昭和45年国勢調査を基礎にして調査した。夜間人口密度は、この地域の北、中、南部とも150人/ha程度となっている。しかし南部でも、商業地域の集積する元町通付近は230人/haと高く、業務施設を中心とする栄町通、海岸通は60人/haと低い。

夜間人口は、2,695人であるが、昼間人口については、夜間人口と町丁別事業所統計等より概算した結果、9,300人となった。昼間人口密度は540人/haとなる。

本調査区域の舗装状況をみると、道路は山手幹線道路の緑地帯以外はすべて舗装されており、空地も約3/4が舗装されている。

未舗装面積は全体の8.5%となり、流出係数はかなり高いことが予想される。

区域名	人口		人口密度	用途別面積			工種別面積		
	居住	昼間							
花隈地区	人 2,695	人 9,300	人/ha 居住 157 人/ha 昼間 540	住宅専用	ha 3.16	% 18.4	屋根	ha 6.39	% 37.2
	北部 962			商業	3.94	23.0	道路(未舗)	0.17	1.0
	中部 1,040			工業施設	0.38	2.2	(舗)	5.55	32.3
	南部 693			社交、娯楽	1.08	6.3	空地(未舗)	1.30	7.6
				厚生施設	0.58	3.4	(舗)	3.76	21.9
				文教施設	1.11	6.5			
				都市運営施設	0.33	1.9			
				官公署	0.37	2.2			
				未利用地	0.50	2.9			
				道路	5.72	33.2			
				計	17.17	100	計	17.17	100

1.3 調査箇所

区域名	位置	箇所	構造 断面	計画水量	採水方法	流量測定方法
花隈地区	生田区海岸通	道路上人孔	レガ張×面積	晴天時 なし m^3/sec 雨天時 3.85	人力 しゃくによる 吸上	量水標を設置し クッターの公式 より算出。

水量及び水質の調査箇所は、生田区海岸通地先道路（巾約10m）上人孔を利用した。この地点の雨水幹線側壁に量水標を取付けた。この雨水幹線の排水能力は、 $3.85 m^3/sec$ であり、流出係数を0.70として、 $115.3 mm/hr$ の降雨を流出するよう計画されており、流達時間は9.44分に計画されている。採水及び流量の測定は、交通量の多い路上のことであり、自動採水装置や自動記録装置が設置し難いので、すべて人力によって行った。流量の算出には、クッターの平均流速公式をもちい、次のようにして行った。

$$Q = A \cdot V$$

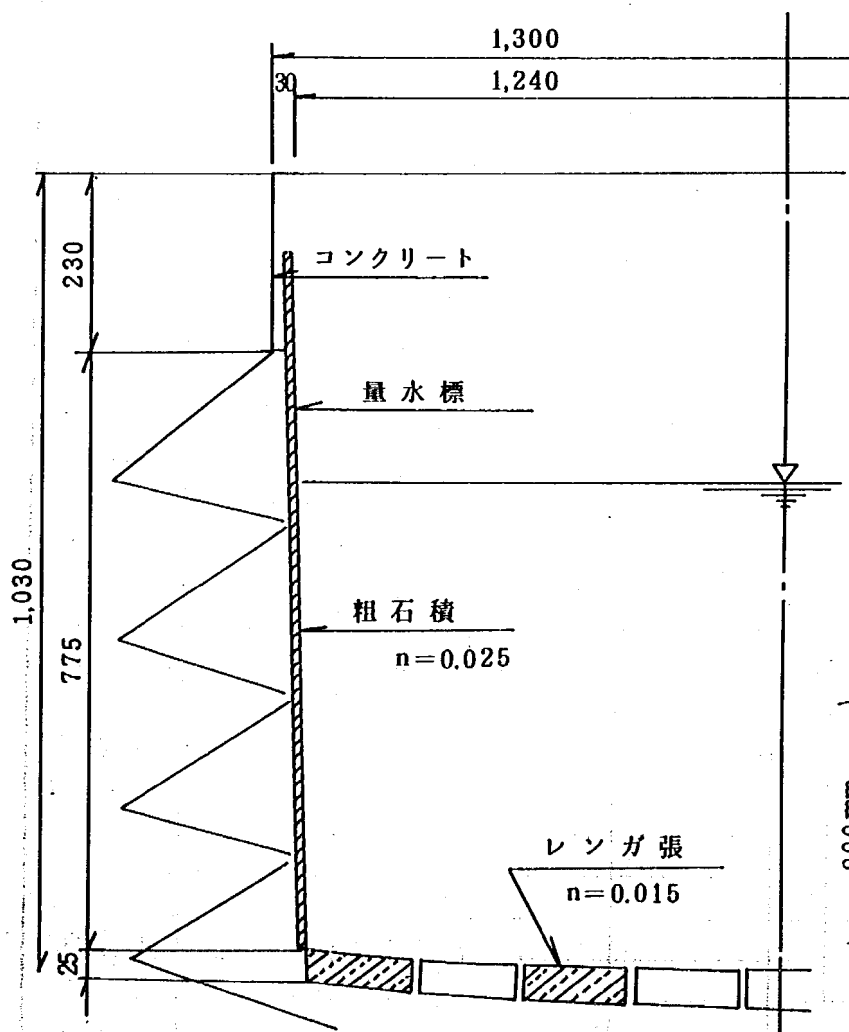
$$V = C \sqrt{R \cdot I}$$

$$C = \frac{23 + 1/m + \frac{0.00155}{I}}{1 + (23 + \frac{0.00155}{I}) \frac{n}{\sqrt{R}}}$$

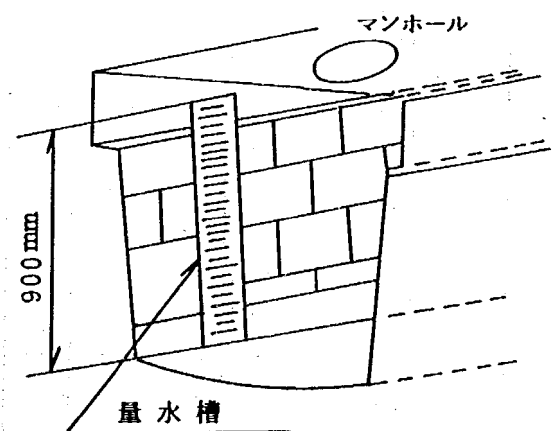
但し ; Q : 流量 A : 流量
R : 径深 I : 勾配 = 8.825 ‰

n : 粗度係数 { 石積面 0.025
レンガ張面 0.015

採水箇所断面



見取図



1.4 降雨・流出量データ

S 48. 9. 3

時	分	ΔR (mm/5分)×10	WWF ($\frac{m^3}{s}$)	時	分	ΔR (mm/5分)×10	WWF ($\frac{m^3}{s}$)	時	分	ΔR (mm/5分)×10	WWF ($\frac{m^3}{s}$)
12	00										
	5										
	10	0.									
	15	175	0.000								
	20	175	0.003								
	25	7.5	0.259								
	30	7.5	0.264								
	35	125	0.134								
	40	125	0.067								
	45	125	0.055								
	50	125	0.058								
	55	0.	0.058								
13	00	0.	0.058								
	5										
	10										
	15										
	20										
	25										
	30										
	35										
	40										
	45										
	50										
	55										
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	30										
	35										
	40										
	45										
	50										
	55										
	00										
	5										
	10										
	15										
	20										
	25										

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時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
18	00			21	30	25	0026		00		
	5				35	125	0030		5		
	10				40	125	0032		10		
	15	06			45	125	0032		15		
	20	06	00034		50	125	0032		20		
	25	06	00034		55	125	0032		25		
	30	06	00064	22	00	125	0032		30		
	35	06	00064		5	125	0032		35		
	40	06	00097		10	125	0032		40		
	45	06	00097		15	25	0032		45		
	50	06	00097		20	25	0032		50		
	55	06	00097		25	125			55		
19	00	06	00097		30	125					
	5	06	00097		35	125					
	10	06	00097		40	125					
	15	06	00097		45	25					
	20	06	00097		50	25					
	25	06	00097		55	25					
	30	06	00097	23	00	25					
	35	083	00097		5	083					
	40	083	00097		10	083					
	45	083	00097		15	083					
	50	083	00097		20	083					
	55	083	0019		25	083					
20	00	083	0020		30	083					
	5	083	00097		35						
	10	083	00097		40						
	15	083	00097		45						
	20	083	0013		50						
	25	083	0019		55						
	30	083	0020	0	00						
	35	125	0020		5						
	40	125	0020		10						
	45	125	0020		15						
	50	125	0020		20						
	55	083	0020		25						
21	00	083	0020		30						
	5	083	0025		35						
	10	083	0026		40						
	15	083	0021		45						
	20	083	0020		50						
	25	25	0023		55						

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時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
14	00	25			30				00		
	5	25			35				5		
	10	25			40				10		
	15	50	00010		45				15		
	20	50	00064		50				20		
	25	50	0032		55				25		
	30	50	0070		00				30		
	35	50	0131		5				35		
	40	50	0171		10				40		
	45	50	0196		15				45		
	50	50	0218		20				50		
	55	50	0257		25				55		
15	00	50	0298		30						
	5	100	0338		35						
	10	100	0388		40						
	15	75	0414		45						
	20	75	0430		50						
	25	75	0396		55						
	30	75	0346		00						
	35	75	0313		5						
	40	75	0294		10						
	45	50	0290		15						
	50	50	0271		20						
	55	25	0248		25						
16	00	25	0230		30						
	5	25	0212		35						
	10	25	0163		40						
	15	50	0102		45						
	20	50	0084		50						
	25	25	0089		55						
	30	25	0081		00						
	35		0076		5						
	40		0068		10						
	45		0044		15						
	50		0025		20						
	55		0017		25						
17	00		0011		30						
	5		00078		35						
	10				40						
	15				45						
	20				50						
	25				55						

S 49. 9. 1

時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
19	00	0	0025								
	5	0	0026								
	10	0	0027								
	15	0	0028								
	20	0	0030								
	25	50	0031								
	30	50	0032								
	35	50	0058								
	40	50	0163								
	45	100	0245								
	50	100	0350								
	55	200	0688								
20	00	200	0688								
	5	125	0688								
	10	125	0534								
	15	25	0325								
	20	25	0240								
	25	25	0196								
	30	25	0111								
	35	125	0196								
	40	125	0338								
	45	200	0630								
	50	200	0670								
	55	275	0816								
21	00	275	0935								
	5	200	0875								
	10	200	0816								
	15	175	0949								
	20	175	0831								
	25	0	0402								
	30	0	0230								
	35	25	0174								
	40	25	0102								
	45	0	0085								
	50	0	0058								
	55	0	0051								
22	00	0	0045								
	5	0	0032								
	10	0	0026								
	15	0	0026								
	20	0	0020								
	25	0	0020								

S 49. 10. 1~2

時	分	ΔR (mm/5分)×10	WWF ¹ (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
20	00	0	0.0035	23	30	0	0.051	3	00	100	0.389
	5	0	0.0036		35	25	0.045		5	100	0.350
	10	0	0.0038		40	25	0.045		10	100	0.325
	15	0	0.0039		45	25	0.045		15	75	0.290
	20	0	0.0041		50	25	0.051		20	75	0.278
	25	0	0.0043		55	25	0.051		25	75	0.266
	30	0	0.0044	0	00	25	0.058		30	75	0.230
	35	25	0.0046		5	25	0.067		35	25	0.218
	40	25	0.0048		10	25	0.058		40	25	0.185
	45	0	0.0049		15	0	0.051		45	75	0.185
	50	0	0.0051		20	0	0.045		50	75	0.185
	55	0	0.0053		25	50	0.051		55	75	0.196
21	00	0	0.0054		30	50	0.085	4	00	75	0.230
	5	0	0.0056		35	75	0.141		5	50	0.206
	10	0	0.0057		40	75	0.151		10	50	0.185
	15	0	0.0059		45	50	0.174		15	50	0.163
	20	0	0.0061		50	50	0.174		20	50	0.141
	25	25	0.0062		55	25	0.163		25	25	0.131
	30	25	0.0064	1	00	25	0.151		30	25	0.111
	35	50	0.020		5	25	0.141		35	25	0.102
	40	50	0.051		10	25	0.102		40	25	0.093
	45	25	0.067		15	25	0.076		45	25	0.085
	50	25	0.076		20	25	0.067		50	25	0.076
	55	0	0.058		25	25	0.067		55	25	0.076
22	00	0	0.051		30	25	0.076	5	00	25	0.085
	5	0	0.051		35	25	0.076		5	25	0.085
	10	0	0.038		40	25	0.058		10	25	0.076
	15	25	0.032		45	25	0.058		15	0	0.067
	20	25	0.014		50	25	0.051		20	0	0.051
	25	0	0.0097		55	50	0.067		25	25	0.045
	30	0	0.0097	2	00	50	0.102		30	25	0.045
	35	25	0.0097		5	150	0.141		35	0	0.038
	40	25	0.0097		10	150	0.290		40	0	0.038
	45	50	0.020		15	125	0.493		45	0	0.038
	50	50	0.045		20	125	0.588		50	0	0.032
	55	25	0.076		25	125	0.561		55	0	0.026
23	00	25	0.111		30	125	0.521	6	00	0	0.020
	5	25	0.093		35	175	0.521		5	25	0.014
	10	25	0.067		40	175	0.644		10	25	0.020
	15	25	0.058		45	125	0.728		15	0	0.026
	20	25	0.051		50	125	0.688		20	0	0.032
	25	0	0.051		55	100	0.438		25	25	0.038

S 49. 10.01~2.

時	分	ΔR (mm/5分) $\times 10$	WWF (m/s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m/s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m/s)
6	30	25	0.067	10	00	0	0.014				
	35	25	0.111		5	0	0.0097				
	40	25	0.093		10	0	0.0097				
	45	25	0.076		15	0	0.0097				
	50	25	0.076		20	0	0.0064				
	55	0	0.058		25	0	0.0064				
7	00	0	0.051		30	0	0.0064				
	5	25	0.051		35	0	0.0034				
	10	25	0.045		40	0	0.0034				
	15	25	0.051		45	0	0.0034				
	20	25	0.051		50	0	0.0015				
	25	25	0.058		55						
	30	25	0.058								
	35	0	0.067								
	40	0	0.076								
	45	25	0.085								
	50	25	0.093								
	55	25	0.093								
8	00	25	0.085								
	5	25	0.085								
	10	25	0.085								
	15	25	0.085								
	20	25	0.076								
	25	0	0.067								
	30	0	0.058								
	35	0	0.045								
	40	0	0.038								
	45	0	0.032								
	50	0	0.026								
	55	0	0.020								
9	00	0	0.014								
	5	25	0.014								
	10	25	0.014								
	15	0	0.014								
	20	0	0.014								
	25	0	0.014								
	30	0	0.014								
	35	25	0.020								
	40	25	0.020								
	45	0	0.020								
	50	0	0.020								
	55	0	0.020								

S 50. 2. 4

時	分	ΔR (mm/5分) $\times 10$	WWF (m/s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m/s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m/s)
16	00	0	0033	19	30	0026					
	5	0	0033								
	10	0	0033								
	15	0	0033								
	20	0	0034								
	25	25	0034								
	30	25	0034								
	35	0	0034								
	40	0	0034								
	45	0	0035								
	50	0	0035								
	55	0	0035								
17	00	0	0035								
	5	0	0036								
	10	0	0036								
	15	0	0036								
	20	0	0037								
	25	0	0037								
	30	0	0037								
	35	25	0037								
	40	25	0038								
	45	25	0038								
	50	25	0038								
	55	50	0038								
18	00	50	0076								
	5	25	0085								
	10	25	0111								
	15	0	0151								
	20	0	0111								
	25	25	0085								
	30	25	0058								
	35	0	0067								
	40	0	0058								
	45	0	0058								
	50	0	0051								
	55	0	0045								
19	00	0	0045								
	5	0	0038								
	10	0	0038								
	15	0	0038								
	20	0	0032								
	25	25	0032								

S 50.4.6

[illegible]

S 50. 8. 6

時	分	$(\text{mm}/5\text{分}) \times 10$	(m/s)	時	分	$(\text{mm}/5\text{分}) \times 10$	(m/s)	時	分	$(\text{mm}/5\text{分}) \times 10$	(m/s)
15	00	0	00010	18	30	0	0026				
	5	0	00011		35	0	0014				
	10	0	00012		40	0	00064				
	15	0	00013		45	0	00034				
	20	0	00013								
	25	0	00014								
	30	0	00014								
	35	25	00015								
	40	25	00015								
	45	25	00034								
	50	25	00034								
	55	25	00064								
16	00	25	00097								
	5	0	0032								
	10	0	0032								
	15	25	0032								
	20	25	0020								
	25	0	0020								
	30	0	0014								
	35	75	0020								
	40	75	0020								
	45	200	0058								
	50	200	0151								
	55	150	0312								
17	00	150	0338								
	5	250	0290								
	10	250	0338								
	15	50	0831								
	20	50	0802								
	25	50	0521								
	30	50	0521								
	35	75	0414								
	40	75	0363								
	45	0	0312								
	50	0	0240								
	55	25	0163								
18	00	25	0102								
	5	0	0067								
	10	0	0061								
	15	0	0051								
	20	0	0038								
	25	0	0032								

S 60.9.8

[illegible]

S 50. 12. 4~5

時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
20	00	0	00086	23	30	0	0014				
	5	0	00088		35	0	0014				
	10	0	00091		40	0	0014				
	15	25	00093		45	0	0026				
	20	25	00095		50	0	0026				
	25	0	00097		55	0	0020				
	30	0	0014	24	00	0	0020				
	35	25	0020		5	25	0014				
	40	25	0026		10	25	0014				
	45	25	0032		15	0	00097				
	50	25	0032								
	55	25	0038								
21	00	25	0038								
	5	25	0045								
	10	25	0051								
	15	25	0058								
	20	25	0058								
	25	25	0067								
	30	25	0067								
	35	50	0067								
	40	50	0076								
	45	25	0093								
	50	25	0102								
	55	50	0111								
22	00	50	0131								
	5	25	0141								
	10	25	0102								
	15	25	0093								
	20	25	0076								
	25	0	0058								
	30	0	0038								
	35	0	0032								
	40	0	0020								
	45	0	0014								
	50	0	0014								
	55	0	00097								
23	00	0	00097								
	5	0	00064								
	10	0	00064								
	15	25	00097								
	20	25	0014								
	25	0	0014								

HAINAKUMA

KOBE

ANE

NO.1

400903

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1219	0.003	0.0	0.0	17.00	0.06	0.0	0.0	45.00	0.15	0.0	0.0
2	1222	0.018	1.93	1.9	980.00	17.64	1.6	1.6	1960.00	35.28	3.2	3.2
3	1225	0.259	24.93	26.9	252.00	65.27	7.5	9.1	2561.00	663.30	62.9	66.1
4	1228	0.312	51.39	78.2	184.00	57.41	11.0	20.1	840.00	262.08	83.3	149.3
5	1231	0.240	49.68	127.9	85.50	20.52	7.0	27.1	868.00	208.32	42.3	191.7
6	1234	0.146	34.74	162.7	50.70	7.40	2.5	29.6	822.00	120.01	29.5	221.2
7	1237	0.111	23.13	185.8	57.60	6.39	1.2	30.9	824.00	91.46	19.0	240.3
8	1240	0.067	16.02	201.8	53.60	3.59	0.9	31.8	361.00	24.19	10.4	250.7
9	1243	0.067	12.06	213.9	34.30	2.30	0.5	32.3	358.00	23.99	4.3	255.0
10	1246	0.058	11.25	225.1	41.50	2.41	0.4	32.7	286.00	16.59	3.7	258.7
11	1249	0.058	10.44	235.6	43.10	2.50	0.4	33.2	279.00	16.18	2.9	261.6
12	1252	0.058	10.44	246.0	30.20	1.75	0.4	33.5	195.00	11.31	2.5	264.1
13	1255	0.058	10.44	256.4	19.30	1.12	0.3	33.8	154.00	8.93	1.8	265.9
14	1258	0.058	10.44	266.9	22.10	1.28	0.2	34.0	95.00	5.51	1.3	267.2
15	1301	0.058	10.44	277.3	21.50	1.25	0.2	34.2	62.00	3.60	0.8	268.0
16	1304	0.076	12.06	289.4	17.40	1.32	0.2	34.5	57.00	4.33	0.7	268.7
17	1307	0.058	12.06	301.4	21.80	1.26	0.2	34.7	90.00	5.22	0.9	269.6
18	1310	0.111	15.21	316.7	15.10	1.68	0.3	35.0	73.00	8.10	1.2	270.8
19	1313	0.076	16.83	333.5	19.20	1.46	0.3	35.3	75.00	5.70	1.2	272.0
20	1316	0.058	12.06	345.5	18.40	1.07	0.2	35.5	62.00	3.60	0.8	272.9
21	1319	0.026	7.56	353.1	19.30	0.50	0.1	35.6	60.00	1.56	0.5	273.3
22	1322	0.014	3.60	356.7	14.90	0.21	0.1	35.7	73.00	1.02	0.2	273.6
23	1327	0.010	3.55	360.3	20.20	0.20	0.1	35.7	70.00	0.68	0.3	273.8
24	1332	0.005	2.41	362.7	18.60	0.12	0.0	35.8	68.00	0.44	0.2	274.0
25	1337	0.003	1.47	364.1	16.20	0.06	0.0	35.8	33.00	0.11	0.1	274.1
26	1342	0.001	0.61	364.8	13.00	0.01	0.0	35.8	24.00	0.02	0.0	274.1
27	1347	0.000	0.10	364.9	22.70	0.00	0.0	35.8	32.00	0.00	0.0	274.1

HAFUKUMA

KOBE

A/E

NO.1

480903

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COD

VSS

NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1219	0.003	0.0	0.0	0.0	0.0	0.0	0.0	1			
2	1222	0.019	1.93	1.9	0.0	0.0	0.0	0.0	1	1360.00	24.48	0.0
3	1225	0.259	24.93	26.9	0.0	0.0	0.0	0.0	1			
4	1228	0.312	51.39	78.2	0.0	0.0	0.0	0.0	1	277.00	86.42	20.0
5	1231	0.240	49.68	127.9	0.0	0.0	0.0	0.0	1			
6	1234	0.146	34.74	162.7	0.0	0.0	0.0	0.0	1	424.00	61.90	26.7
7	1237	0.111	23.13	185.4	0.0	0.0	0.0	0.0	1			
8	1240	0.067	16.02	201.8	0.0	0.0	0.0	0.0	1	103.00	6.90	12.4
9	1243	0.067	12.06	213.9	0.0	0.0	0.0	0.0	1			
10	1246	0.058	11.25	225.1	0.0	0.0	0.0	0.0	1	100.00	5.80	2.3
11	1249	0.058	10.44	235.6	0.0	0.0	0.0	0.0	1			
12	1252	0.058	10.44	246.0	0.0	0.0	0.0	0.0	1	65.00	3.77	1.7
13	1255	0.058	10.44	256.4	0.0	0.0	0.0	0.0	1			
14	1258	0.058	10.44	266.9	0.0	0.0	0.0	0.0	1	44.00	2.55	1.1
15	1301	0.058	10.44	277.3	0.0	0.0	0.0	0.0	1			
16	1304	0.070	12.06	289.4	0.0	0.0	0.0	0.0	1	13.00	0.99	0.6
17	1307	0.058	12.06	301.4	0.0	0.0	0.0	0.0	1			
18	1310	0.111	15.21	316.7	0.0	0.0	0.0	0.0	1	20.00	2.22	0.6
19	1313	0.076	16.83	333.5	0.0	0.0	0.0	0.0	1			
20	1316	0.058	12.06	345.5	0.0	0.0	0.0	0.0	1	31.00	1.80	0.7
21	1319	0.026	7.56	353.1	0.0	0.0	0.0	0.0	1			
22	1322	0.014	3.60	356.7	0.0	0.0	0.0	0.0	1	41.00	0.57	0.4
23	1327	0.010	3.55	360.3	0.0	0.0	0.0	0.0	1			
24	1332	0.006	2.41	362.7	0.0	0.0	0.0	0.0	1	44.00	0.28	0.3
25	1337	0.003	1.47	364.1	0.0	0.0	0.0	0.0	1			
26	1342	0.001	0.61	364.8	0.0	0.0	0.0	0.0	1	21.00	0.01	0.1
27	1347	0.000	0.10	364.9	0.0	0.0	0.0	0.0	1			

HANAKUMA

KOBE

AME

NO.1

480903

0

NO.	TIME	HANAKUMA				KOBE				T-P	TKN			
		AME	NO.1	480903	0	0	0	0	0		0	0	0	0
		FLOW (M ³ /S)	TWFLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)		
1	1219	0.003	0.0	0.0	I									
2	1222	0.018	1.93	1.9	I	1.15	0.02	0.0	0.0	I	65.80	1.18	0.0	0.0
3	1225	0.259	24.93	26.9	I					I				
4	1228	0.312	51.39	78.2	I	0.94	0.29	56.5	56.5	I	36.40	11.36	2257.4	2257.4
5	1231	0.240	49.68	127.9	I					I				
6	1234	0.146	34.74	162.7	I	0.89	0.13	76.2	132.7	I	10.20	1.49	2312.3	4569.7
7	1237	0.111	23.13	185.8	I					I				
8	1240	0.067	16.02	201.8	I	0.43	0.03	28.6	161.3	I	7.00	0.47	352.5	4922.2
9	1243	0.067	12.06	213.9	I					I				
10	1246	0.058	11.25	225.1	I	0.53	0.03	10.7	172.0	I	4.80	0.28	134.5	5056.7
11	1249	0.058	10.44	235.6	I					I				
12	1252	0.058	10.44	246.0	I	0.36	0.02	9.3	181.3	I	4.70	0.27	99.2	5155.9
13	1255	0.058	10.44	256.4	I					I				
14	1258	0.058	10.44	266.9	I	0.67	0.04	10.8	192.0	I	3.60	0.21	86.7	5242.5
15	1301	0.058	10.44	277.3	I					I				
16	1304	0.076	12.06	289.4	I	0.62	0.05	15.5	207.5	I	2.60	0.20	73.2	5315.7
17	1307	0.058	12.06	301.4	I					I				
18	1310	0.111	15.21	316.7	I	0.70	0.08	22.5	230.0	I	2.40	0.27	83.5	5399.2
19	1313	0.076	16.83	333.5	I					I				
20	1316	0.058	12.06	345.5	I	0.70	0.04	21.3	251.3	I	2.30	0.13	72.0	5471.2
21	1319	0.026	7.56	353.1	I					I				
22	1322	0.014	3.60	356.7	I	0.53	0.01	8.6	259.9	I	2.70	0.04	30.8	5502.0
23	1327	0.010	3.55	360.3	I					I				
24	1332	0.006	2.41	362.7	I	0.60	0.00	3.4	263.3	I	3.10	0.02	17.3	5519.3
25	1337	0.003	1.47	364.1	I					I				
26	1342	0.001	0.61	364.8	I	0.69	0.00	1.3	264.6	I	4.60	0.00	6.9	5526.1
27	1347	0.000	0.10	364.9	I					I				

HARAKU 1A

K06E

APE

NO.1

460903

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NO.	TIME	FLOW (M ³ /S)	THFLOW (M ³)	SIG(FLOW) (M ³)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CO (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1219	0.003	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0
2	1222	0.015	1.93	1.9	538.30	140000.	0.0	0.0	0.0	0.0	0.0	0.0
3	1225	0.259	24.93	26.9			0.0	0.0	0.0	0.0	0.0	0.0
4	1228	0.312	51.39	78.2	54.70	69000.	0.0	0.0	0.0	0.0	0.0	0.0
5	1231	0.240	49.68	127.9			0.0	0.0	0.0	0.0	0.0	0.0
6	1234	0.146	34.74	162.7	16.80	7600.	0.0	0.0	0.0	0.0	0.0	0.0
7	1237	0.111	23.13	185.8			0.0	0.0	0.0	0.0	0.0	0.0
8	1240	0.067	16.02	201.8	10.40	11000.	0.0	0.0	0.0	0.0	0.0	0.0
9	1243	0.067	12.06	213.9			0.0	0.0	0.0	0.0	0.0	0.0
10	1246	0.058	11.25	225.1	4.30	6600.	0.0	0.0	0.0	0.0	0.0	0.0
11	1249	0.058	10.44	235.6			0.0	0.0	0.0	0.0	0.0	0.0
12	1252	0.058	10.44	246.0	5.60	13000.	0.0	0.0	0.0	0.0	0.0	0.0
13	1255	0.058	10.44	256.4			0.0	0.0	0.0	0.0	0.0	0.0
14	1258	0.058	10.44	266.9	3.70	14000.	0.0	0.0	0.0	0.0	0.0	0.0
15	1301	0.058	10.44	277.3			0.0	0.0	0.0	0.0	0.0	0.0
16	1304	0.076	12.06	289.4	2.70	3100.	0.0	0.0	0.0	0.0	0.0	0.0
17	1307	0.059	12.06	301.4			0.0	0.0	0.0	0.0	0.0	0.0
18	1310	0.111	15.21	316.7	1.80	12000.	0.0	0.0	0.0	0.0	0.0	0.0
19	1313	0.076	16.83	333.5			0.0	0.0	0.0	0.0	0.0	0.0
20	1316	0.056	12.06	345.5	2.00	74000.	0.0	0.0	0.0	0.0	0.0	0.0
21	1319	0.026	7.56	353.1			0.0	0.0	0.0	0.0	0.0	0.0
22	1322	0.014	3.60	356.7	1.00	30000.	0.0	0.0	0.0	0.0	0.0	0.0
23	1327	0.010	3.55	360.3			0.0	0.0	0.0	0.0	0.0	0.0
24	1332	0.006	2.41	362.7	1.90	76000.	0.0	0.0	0.0	0.0	0.0	0.0
25	1337	0.003	1.47	364.1			0.0	0.0	0.0	0.0	0.0	0.0
26	1342	0.001	0.51	364.8	1.70	250000.	0.0	0.0	0.0	0.0	0.0	0.0
27	1347	0.000	0.10	364.9			0.0	0.0	0.0	0.0	0.0	0.0

HAJAKUMA

KORE

A1E

NO.2

481027

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1821	0.003	0.0	0.0 I	9.50	0.03	0.0	0.0 I	18.00	0.06	0.0	0.0
2	1824	0.003	0.61	0.6 I	15.00	0.05	0.0	0.0 I	20.00	0.07	0.0	0.0
3	1827	0.003	0.61	1.2 I	13.00	0.04	0.0	0.0 I	23.00	0.08	0.0	0.0
4	1830	0.006	0.88	2.1 I	15.00	0.10	0.0	0.0 I	22.00	0.14	0.0	0.0
5	1833	0.006	1.15	3.3 I	17.00	0.11	0.0	0.0 I	46.00	0.29	0.0	0.1
6	1836	0.006	1.15	4.4 I	13.00	0.08	0.0	0.1 I	40.00	0.26	0.0	0.1
7	1839	0.010	1.45	5.9 I	17.00	0.16	0.0	0.1 I	66.00	0.64	0.1	0.2
8	1842	0.010	1.75	7.6 I	16.00	0.16	0.0	0.1 I	38.00	0.37	0.1	0.3
9	1845	0.010	1.75	9.4 I	15.00	0.15	0.0	0.1 I	35.00	0.34	0.1	0.4
10	1848	0.010	1.75	11.1 I	50.00	0.49	0.1	0.2 I	57.00	0.55	0.1	0.4
11	1851	0.010	1.75	12.8 I	100.00	0.97	0.1	0.3 I	110.00	1.07	0.1	0.6
12	1854	0.010	1.75	14.6 I	98.00	0.95	0.2	0.5 I	131.00	1.27	0.2	0.8
13	1857	0.010	1.75	16.3 I	136.00	1.32	0.2	0.7 I	138.00	1.34	0.2	1.0
19	1900	0.010	1.75	15.1 I	93.00	0.90	0.2	0.9 I	130.00	1.26	0.2	1.3
15	1903	0.010	1.75	19.6 I	98.00	0.95	0.2	1.1 I	180.00	1.75	0.3	1.5
16	1906	0.010	1.75	21.6 I	83.00	0.81	0.2	1.2 I	196.00	1.90	0.3	1.9
17	1909	0.010	1.75	23.3 I	77.00	0.75	0.1	1.4 I	176.00	1.71	0.3	2.2
18	1912	0.010	1.75	25.1 I	90.00	0.87	0.1	1.5 I	172.00	1.67	0.3	2.5
19	1915	0.010	1.75	26.8 I	92.00	0.89	0.2	1.7 I	188.00	1.82	0.3	2.8
20	1918	0.010	1.75	28.6 I	75.00	0.73	0.1	1.8 I	129.00	1.25	0.3	3.1
21	1921	0.010	1.75	30.3 I	95.00	0.92	0.1	2.0 I	116.00	1.13	0.2	3.3
22	1926	0.010	2.91	33.2 I	92.00	0.80	0.3	2.2 I	84.00	0.81	0.3	3.6
23	1931	0.010	2.91	36.1 I	83.00	0.81	0.2	2.5 I	83.00	0.81	0.2	3.8
24	1936	0.010	2.91	39.0 I	82.00	0.80	0.2	2.7 I	80.00	0.78	0.2	4.1
25	1941	0.010	2.91	41.9 I	109.00	1.06	0.3	3.0 I	93.00	0.90	0.3	4.3
26	1946	0.010	2.91	44.9 I	65.00	0.63	0.3	3.2 I	97.00	0.94	0.3	4.6
27	1951	0.010	2.91	47.8 I	74.00	0.72	0.2	3.4 I	83.00	0.81	0.3	4.9
28	1956	0.020	4.45	52.2 I	48.00	0.96	0.3	3.7 I	44.00	0.88	0.3	5.1
29	2001	0.020	6.00	58.2 I	42.00	0.84	0.3	4.0 I	44.00	0.88	0.3	5.4
30	2006	0.010	4.45	62.7 I	35.00	0.34	0.2	4.1 I	45.00	0.44	0.2	5.6
31	2011	0.010	2.91	65.6 I	36.00	0.35	0.1	4.2 I	47.00	0.46	0.1	5.7
32	2016	0.010	2.91	65.5 I	25.00	0.24	0.1	4.3 I	74.00	0.72	0.2	5.9
32	2021	0.014	3.55	72.0 I	21.00	0.29	0.1	4.4 I	50.00	0.70	0.2	6.1
34	2026	0.020	5.10	77.1 I	18.00	0.36	0.1	4.5 I	60.00	1.20	0.3	6.4
35	2031	0.020	6.00	93.1 I	20.00	0.40	0.1	4.6 I	74.00	1.48	0.4	6.8
36	2036	0.022	6.30	89.4 I	20.00	0.44	0.1	4.8 I	70.00	1.54	0.5	7.2
37	2041	0.020	6.30	95.7 I	28.00	0.56	0.1	4.9 I	77.00	1.54	0.5	7.7
38	2046	0.020	6.00	101.7 I	15.00	0.30	0.1	5.0 I	64.00	1.28	0.4	8.1
39	2051	0.020	6.00	107.7 I	20.00	0.40	0.1	5.1 I	76.00	1.52	0.4	8.5
40	2056	0.020	6.00	113.7 I	24.00	0.48	0.1	5.3 I	88.00	1.76	0.5	9.0
41	2101	0.020	6.00	119.7 I	23.00	0.46	0.1	5.4 I	89.00	1.78	0.5	9.6
42	2106	0.026	6.90	126.6 I	20.00	0.52	0.1	5.6 I	52.00	1.35	0.5	10.0
43	2111	0.026	7.80	134.4 I	20.00	0.52	0.2	5.7 I	50.00	1.30	0.4	10.4
44	2116	0.020	6.90	141.3 I	17.00	0.34	0.1	5.8 I	41.00	0.82	0.3	10.8
45	2121	0.020	6.00	147.3 I	18.00	0.36	0.1	5.9 I	37.00	0.74	0.2	11.0
46	2131	0.026	13.80	161.1 I	18.00	0.47	0.2	6.2 I	34.00	0.88	0.5	11.5
47	2141	0.032	17.40	178.5 I	13.00	0.42	0.3	6.5 I	40.00	1.28	0.6	12.1
48	2151	0.032	19.20	197.7 I	18.00	0.58	0.3	6.8 I	138.00	4.42	1.7	13.8
49	2201	0.032	19.20	216.9 I	15.00	0.48	0.3	7.1 I	113.00	3.62	2.4	16.2
50	2211	0.032	19.20	236.1 I	13.00	0.42	0.3	7.3 I	42.00	1.34	1.5	17.7

HANAKUMA

KOBE

AME

NO.2

481027

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BOD

SS

NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	2221	0.032	19.20	255.3	17.00	0.54	0.3	7.6	52.00	1.66	0.9	18.6

HARAKUMA

KORE

ANE

NO.2

481027

0

COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1821	0.003	0.0	0.0 I	0.0	0.0	0.0	0.0 I	14.80	0.05	0.0	0.0
2	1824	0.003	0.61	0.6 I	0.0	0.0	0.0	0.0 I				
3	1827	0.003	0.61	1.2 I	0.0	0.0	0.0	0.0 I	10.00	0.03	0.0	0.0
4	1830	0.006	0.88	2.1 I	0.0	0.0	0.0	0.0 I				
5	1833	0.006	1.15	3.3 I	0.0	0.0	0.0	0.0 I	17.00	0.11	0.0	0.0
6	1836	0.006	1.15	4.4 I	0.0	0.0	0.0	0.0 I				
7	1839	0.010	1.45	5.9 I	0.0	0.0	0.0	0.0 I	16.00	0.16	0.0	0.1
8	1842	0.010	1.75	7.6 I	0.0	0.0	0.0	0.0 I				
9	1845	0.010	1.75	9.4 I	0.0	0.0	0.0	0.0 I	22.00	0.21	0.1	0.2
10	1848	0.010	1.75	11.1 I	0.0	0.0	0.0	0.0 I				
11	1851	0.010	1.75	12.8 I	0.0	0.0	0.0	0.0 I	38.00	0.37	0.1	0.3
12	1854	0.010	1.75	14.6 I	0.0	0.0	0.0	0.0 I				
13	1857	0.010	1.75	16.3 I	0.0	0.0	0.0	0.0 I	63.00	0.61	0.2	0.4
19	1900	0.010	1.75	18.1 I	0.0	0.0	0.0	0.0 I				
15	1903	0.010	1.75	19.5 I	0.0	0.0	0.0	0.0 I	83.00	0.81	0.3	0.7
16	1906	0.010	1.75	21.6 I	0.0	0.0	0.0	0.0 I				
17	1909	0.010	1.75	23.3 I	0.0	0.0	0.0	0.0 I	60.00	0.58	0.2	0.9
18	1912	0.010	1.75	25.1 I	0.0	0.0	0.0	0.0 I				
19	1915	0.010	1.75	26.8 I	0.0	0.0	0.0	0.0 I	58.00	0.56	0.2	1.1
20	1918	0.010	1.75	28.6 I	0.0	0.0	0.0	0.0 I				
21	1921	0.010	1.75	30.3 I	0.0	0.0	0.0	0.0 I	64.00	0.62	0.2	1.4
22	1926	0.010	2.91	33.2 I	0.0	0.0	0.0	0.0 I				
23	1931	0.010	2.91	36.1 I	0.0	0.0	0.0	0.0 I	31.00	0.30	0.3	1.6
24	1936	0.010	2.91	39.0 I	0.0	0.0	0.0	0.0 I				
25	1941	0.010	2.91	41.9 I	0.0	0.0	0.0	0.0 I	31.00	0.30	0.2	1.8
26	1946	0.010	2.91	44.9 I	0.0	0.0	0.0	0.0 I				
27	1951	0.010	2.91	47.8 I	0.0	0.0	0.0	0.0 I	22.00	0.21	0.2	2.0
28	1956	0.020	4.45	52.2 I	0.0	0.0	0.0	0.0 I				
29	2001	0.020	6.00	58.2 I	0.0	0.0	0.0	0.0 I	14.00	0.28	0.1	2.1
30	2006	0.010	4.45	62.7 I	0.0	0.0	0.0	0.0 I				
31	2011	0.010	2.91	65.6 I	0.0	0.0	0.0	0.0 I	17.00	0.16	0.1	2.3
32	2016	0.010	2.91	68.5 I	0.0	0.0	0.0	0.0 I				
32	2021	0.014	3.55	72.0 I	0.0	0.0	0.0	0.0 I	12.00	0.17	0.1	2.4
34	2026	0.020	5.10	77.1 I	0.0	0.0	0.0	0.0 I				
35	2031	0.020	6.00	83.1 I	0.0	0.0	0.0	0.0 I	61.00	1.22	0.4	2.8
36	2036	0.022	6.30	89.4 I	0.0	0.0	0.0	0.0 I				
37	2041	0.020	6.30	95.7 I	0.0	0.0	0.0	0.0 I	35.00	0.70	0.6	3.3
38	2046	0.020	6.00	101.7 I	0.0	0.0	0.0	0.0 I				
39	2051	0.020	6.00	107.7 I	0.0	0.0	0.0	0.0 I	33.00	0.66	0.4	3.8
40	2056	0.020	6.00	113.7 I	0.0	0.0	0.0	0.0 I				
41	2101	0.020	6.90	119.7 I	0.0	0.0	0.0	0.0 I	30.00	0.60	0.4	4.1
42	2106	0.026	6.90	126.6 I	0.0	0.0	0.0	0.0 I				
43	2111	0.026	7.80	134.4 I	0.0	0.0	0.0	0.0 I	16.00	0.42	0.3	4.4
44	2116	0.020	6.90	141.3 I	0.0	0.0	0.0	0.0 I				
45	2121	0.020	6.00	147.3 I	0.0	0.0	0.0	0.0 I	13.00	0.26	0.2	4.6
46	2131	0.026	13.80	161.1 I	0.0	0.0	0.0	0.0 I				
47	2141	0.032	17.40	178.5 I	0.0	0.0	0.0	0.0 I	26.00	0.83	0.7	5.3
48	2151	0.032	19.20	197.7 I	0.0	0.0	0.0	0.0 I				
49	2201	0.032	19.20	216.9 I	0.0	0.0	0.0	0.0 I	55.00	1.76	1.6	6.8
50	2211	0.032	19.20	236.1 I	0.0	0.0	0.0	0.0 I				

NA,AKUMA

K08E

AME

NO.2

481027

0

COD

VSS

NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	2221	0.032	19.20	255.3	0.0	0.0	0.0	0.0	27.00	0.86	1.6	8.4

HANAKUMA				KOBE								
ANE				NO.2	461027	0						
				T-P				TKN				
NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	1821	0.003	0.0	0.0 I	0.57	0.00	0.0	0.0	I			
2	1824	0.003	0.61	0.6 I					2.03	0.01	0.0	0.0
3	1827	0.003	0.61	1.2 I	0.68	0.00	0.8	0.8	I	1.40	0.00	2.1
4	1830	0.006	0.88	2.1 I					I			2.1
5	1833	0.006	1.15	3.3 I	0.82	0.01	1.4	2.1	I	3.60	0.02	5.0
6	1836	0.006	1.15	4.4 I					I			7.1
7	1839	0.010	1.45	5.9 I	0.57	0.01	1.9	4.1	I	3.40	0.03	10.1
8	1842	0.010	1.75	7.6 I					I			17.2
9	1845	0.010	1.75	9.4 I	0.76	0.01	2.4	6.4	I	4.20	0.04	13.3
10	1848	0.010	1.75	11.1 I					I			30.5
11	1851	0.010	1.75	12.6 I	1.01	0.01	3.1	9.5	I	7.80	0.08	21.0
12	1854	0.010	1.75	14.6 I					I			51.4
13	1857	0.010	1.75	16.3 I	1.16	0.01	3.8	13.3	I	10.00	0.10	31.1
14	1900	0.010	1.75	18.1 I					I			82.5
15	1903	0.010	1.75	19.6 I	0.65	0.01	3.2	16.5	I	10.70	0.10	36.1
16	1906	0.010	1.75	21.6 I					I			118.6
17	1909	0.010	1.75	23.3 I	0.36	0.00	1.8	18.3	I	10.00	0.10	36.1
18	1912	0.010	1.75	25.1 I					I			154.8
19	1915	0.010	1.75	26.8 I	1.14	0.01	2.7	20.9	I	8.50	0.08	32.3
20	1918	0.010	1.75	28.6 I					I			187.1
21	1921	0.010	1.75	30.3 I	0.88	0.01	3.5	24.5	I	7.40	0.07	27.8
22	1926	0.010	2.91	33.2 I					I			214.8
23	1931	0.010	2.91	36.1 I	0.68	0.01	4.5	29.0	I	6.80	0.07	41.3
24	1936	0.010	2.91	39.0 I					I			256.2
25	1941	0.010	2.91	41.9 I	0.65	0.01	3.9	32.9	I	5.70	0.06	36.4
26	1946	0.010	2.91	44.9 I					I			292.5
27	1951	0.010	2.91	47.3 I	2.06	0.02	7.9	40.8	I	5.00	0.05	31.1
28	1956	0.020	4.45	52.2 I					I			323.7
29	2001	0.020	6.00	58.2 I	0.69	0.01	10.1	50.9	I	4.60	0.09	42.1
30	2006	0.010	4.45	62.7 I					I			365.8
31	2011	0.010	2.91	65.6 I	0.69	0.01	6.1	57.1	I	4.00	0.04	39.2
32	2016	0.010	2.91	68.5 I					I			405.1
32	2021	0.014	3.55	72.0 I	0.45	0.01	3.9	61.0	I	3.80	0.05	27.6
34	2026	0.020	5.10	77.1 I					I			432.7
35	2031	0.020	6.00	83.1 I	0.63	0.01	5.7	66.6	I	2.60	0.05	31.6
36	2036	0.022	6.30	89.4 I					I			464.2
37	2041	0.020	6.30	95.7 I	0.49	0.01	6.7	73.3	I	3.70	0.07	37.8
38	2046	0.020	6.00	101.7 I					I			502.0
39	2051	0.020	6.00	107.7 I	0.53	0.01	6.1	79.5	I	2.70	0.05	38.4
40	2056	0.020	6.00	113.7 I					I			540.4
41	2101	0.020	6.00	119.7 I	0.48	0.01	6.1	85.5	I	2.40	0.05	30.6
42	2106	0.026	6.90	126.6 I					I			571.0
43	2111	0.026	7.80	134.4 I	0.47	0.01	6.5	92.1	I	2.60	0.07	34.7
44	2116	0.020	6.90	141.3 I					I			605.7
45	2121	0.020	6.00	147.3 I	0.42	0.01	6.2	98.3	I	2.30	0.05	34.1
46	2131	0.026	13.80	161.1 I					I			639.8
47	2141	0.032	17.40	176.5 I	0.42	0.01	13.1	111.4	I	2.60	0.08	77.5
48	2151	0.032	19.20	197.7 I					I			717.3
49	2201	0.032	19.20	216.9 I	0.70	0.02	21.5	132.9	I	2.50	0.08	97.9
50	2211	0.032	19.20	236.1 I					I			815.2

NAKUMA

KOBÉ

AME

NO.2

481027

0

T-P

TKN

NO.	TIME	FLOW (M3/S)	TWFLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)
51	2221	0.032	19.20	255.3	0.88	0.03	30.3	163.2	3.10	0.10	107.5	922.7

		HAIKUMA			KOBE							
		AME			NO.2			481027				
								0				
NO.	TIME	FLOW (M3/S)	TRFLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1821	0.003	0.0	0.0	0.10	840.	0.0	0.0	0.0	0.0	0.0	0.0
2	1824	0.003	0.61	0.6			0.0	0.0	0.0	0.0	0.0	0.0
3	1827	0.003	0.61	1.2	0.10	13000.	0.0	0.0	0.0	0.0	0.0	0.0
4	1830	0.006	0.88	2.1			0.0	0.0	0.0	0.0	0.0	0.0
5	1833	0.006	1.15	3.3	0.60	7500.	0.0	0.0	0.0	0.0	0.0	0.0
6	1836	0.006	1.15	4.4			0.0	0.0	0.0	0.0	0.0	0.0
7	1839	0.010	1.45	5.9	0.80	20400.	0.0	0.0	0.0	0.0	0.0	0.0
8	1842	0.010	1.75	7.6			0.0	0.0	0.0	0.0	0.0	0.0
9	1845	0.010	1.75	9.4	0.60	380.	0.0	0.0	0.0	0.0	0.0	0.0
10	1848	0.010	1.75	11.1			0.0	0.0	0.0	0.0	0.0	0.0
11	1851	0.010	1.75	12.8	19.90	10000.	0.0	0.0	0.0	0.0	0.0	0.0
12	1854	0.010	1.75	14.6			0.0	0.0	0.0	0.0	0.0	0.0
13	1857	0.010	1.75	16.3	28.70	74000.	0.0	0.0	0.0	0.0	0.0	0.0
14	1900	0.010	1.75	18.1			0.0	0.0	0.0	0.0	0.0	0.0
15	1903	0.010	1.75	19.8	21.80	7300.	0.0	0.0	0.0	0.0	0.0	0.0
16	1906	0.010	1.75	21.6			0.0	0.0	0.0	0.0	0.0	0.0
17	1909	0.010	1.75	23.3	15.20	160.	0.0	0.0	0.0	0.0	0.0	0.0
18	1912	0.010	1.75	25.1			0.0	0.0	0.0	0.0	0.0	0.0
19	1915	0.010	1.75	26.8	14.70	18000.	0.0	0.0	0.0	0.0	0.0	0.0
20	1918	0.010	1.75	28.6			0.0	0.0	0.0	0.0	0.0	0.0
21	1921	0.010	1.75	30.3	16.40	53000.	0.0	0.0	0.0	0.0	0.0	0.0
22	1926	0.010	2.91	33.2			0.0	0.0	0.0	0.0	0.0	0.0
23	1931	0.010	2.91	36.1	11.80	77000.	0.0	0.0	0.0	0.0	0.0	0.0
24	1936	0.010	2.91	39.0			0.0	0.0	0.0	0.0	0.0	0.0
25	1941	0.010	2.91	41.9	9.20	62000.	0.0	0.0	0.0	0.0	0.0	0.0
26	1946	0.010	2.91	44.9			0.0	0.0	0.0	0.0	0.0	0.0
27	1951	0.010	2.91	47.8	10.30	16000.	0.0	0.0	0.0	0.0	0.0	0.0
28	1956	0.020	4.45	52.2			0.0	0.0	0.0	0.0	0.0	0.0
29	2001	0.020	6.00	58.2	6.30	1300.	0.0	0.0	0.0	0.0	0.0	0.0
30	2006	0.010	4.45	62.7			0.0	0.0	0.0	0.0	0.0	0.0
31	2011	0.010	2.91	65.6	3.80	490.	0.0	0.0	0.0	0.0	0.0	0.0
32	2016	0.010	2.91	68.5			0.0	0.0	0.0	0.0	0.0	0.0
33	2021	0.014	3.55	72.0	4.10	220.	0.0	0.0	0.0	0.0	0.0	0.0
34	2026	0.020	5.10	77.1			0.0	0.0	0.0	0.0	0.0	0.0
35	2031	0.020	6.00	83.1	1.40	90.	0.0	0.0	0.0	0.0	0.0	0.0
36	2036	0.022	6.30	89.4			0.0	0.0	0.0	0.0	0.0	0.0
37	2041	0.020	6.30	95.7	4.10	33000.	0.0	0.0	0.0	0.0	0.0	0.0
38	2046	0.020	6.00	101.7			0.0	0.0	0.0	0.0	0.0	0.0
39	2051	0.020	6.00	107.7	0.80	3100.	0.0	0.0	0.0	0.0	0.0	0.0
40	2056	0.020	6.00	113.7			0.0	0.0	0.0	0.0	0.0	0.0
41	2101	0.020	6.00	119.7	2.00	4200.	0.0	0.0	0.0	0.0	0.0	0.0
42	2106	0.026	6.90	126.6			0.0	0.0	0.0	0.0	0.0	0.0
43	2111	0.026	7.80	134.4	0.40	3100.	0.0	0.0	0.0	0.0	0.0	0.0
44	2116	0.020	6.90	141.3			0.0	0.0	0.0	0.0	0.0	0.0
45	2121	0.020	6.00	147.3	3.30	5300.	0.0	0.0	0.0	0.0	0.0	0.0
46	2131	0.026	13.80	161.1			0.0	0.0	0.0	0.0	0.0	0.0
47	2141	0.032	17.40	178.5	3.90	2800.	0.0	0.0	0.0	0.0	0.0	0.0
48	2151	0.032	19.20	197.7			0.0	0.0	0.0	0.0	0.0	0.0
49	2201	0.032	19.20	216.9	5.50	3100.	0.0	0.0	0.0	0.0	0.0	0.0
50	2211	0.032	19.20	236.1			0.0	0.0	0.0	0.0	0.0	0.0

HANAKUMA

KOBE

AME

NO.2

481027

0

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
51	2221	0.032	19.20	255.3	5.90	1400.	0.0	0.0	0.0	0.0	0.0	0.0

HAKUKU A

KOBÉ

A12

NO.3

490121

0

800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1417	0.002	0.0	0.0 I	34.00	0.05	0.0	0.0 I	16.00	0.02	0.0	0.0
2	1420	0.006	0.71	0.7 I	72.00	0.46	0.0	0.0 I	15.00	0.10	0.0	0.0
3	1423	0.020	2.38	3.1 I	79.00	1.58	0.2	0.2 I	57.00	1.14	0.1	0.1
4	1426	0.038	5.22	8.3 I	125.00	4.75	0.6	0.8 I	102.00	3.88	0.5	0.6
5	1429	0.058	8.64	16.9 I	375.00	21.75	2.4	3.2 I	1020.00	59.16	5.7	6.2
6	1432	0.093	13.59	30.5 I	743.00	69.10	8.2	11.4 I	1600.00	148.80	18.7	25.0
7	1435	0.131	20.16	50.7 I	689.00	90.26	14.3	25.7 I	2130.00	279.03	38.5	63.5
8	1438	0.163	26.46	77.2 I	699.00	113.94	18.4	44.1 I	2120.00	345.56	56.2	119.7
9	1441	0.174	30.33	107.5 I	558.00	97.09	19.0	63.1 I	1950.00	339.30	61.6	181.3
10	1444	0.196	33.30	140.8 I	513.00	100.55	17.8	80.9 I	1720.00	337.12	60.9	242.2
11	1447	0.196	35.28	176.1 I	270.00	52.92	13.8	94.7 I	1170.00	229.32	51.0	293.2
12	1450	0.218	37.26	213.3 I	165.00	35.97	8.0	102.7 I	805.00	175.49	36.4	329.6
13	1453	0.254	42.48	255.8 I	137.00	34.80	6.4	109.0 I	632.00	160.53	30.2	359.8
14	1456	0.259	46.17	302.0 I	112.00	29.01	5.7	114.8 I	607.00	157.21	28.6	388.4
15	1459	0.290	49.41	351.4 I	121.00	35.09	5.8	120.6 I	598.00	173.42	29.8	418.2
16	1502	0.312	54.18	405.6 I	122.00	38.06	6.6	127.1 I	720.00	224.64	35.8	454.0
17	1505	0.338	58.50	464.1 I	201.00	67.94	9.5	136.7 I	941.00	318.06	48.8	502.9
18	1508	0.338	60.84	524.9 I	108.00	36.50	9.4	146.1 I	670.00	226.46	49.0	551.9
19	1511	0.414	67.69	592.6 I	127.00	52.58	8.0	154.1 I	819.00	339.07	50.9	602.8
20	1514	0.414	74.52	667.1 I	64.00	26.50	7.1	161.2 I	460.00	190.44	47.7	650.4
21	1517	0.414	74.52	741.6 I	59.00	24.43	4.6	165.8 I	388.00	160.63	31.6	682.0
22	1522	0.438	127.80	869.4 I	43.00	18.83	6.5	172.3 I	301.00	131.84	43.9	725.9
23	1527	0.376	122.10	991.5 I	57.00	21.43	6.0	178.3 I	380.00	142.88	41.2	767.1
24	1532	0.325	105.15	1096.7 I	32.00	10.40	4.8	183.1 I	232.00	75.40	32.7	799.8
25	1537	0.301	93.90	1190.6 I	30.00	9.03	2.9	186.0 I	158.00	47.56	18.4	818.3
26	1542	0.290	88.65	1279.2 I	30.00	8.70	2.7	188.7 I	152.00	44.08	13.7	832.0
27	1547	0.290	87.00	1366.2 I	19.00	5.51	2.1	190.8 I	138.00	40.02	12.6	844.7
28	1552	0.259	82.35	1448.6 I	16.00	4.14	1.4	192.3 I	139.00	36.00	11.4	856.1
29	1557	0.240	74.85	1523.4 I	16.00	3.84	1.2	193.4 I	152.00	36.48	10.9	866.9
30	1602	0.218	69.70	1592.1 I	17.00	3.71	1.1	194.6 I	107.00	23.33	9.0	875.9
31	1607	0.196	62.10	1654.2 I	24.00	4.70	1.3	195.8 I	103.00	20.19	6.5	882.4
32	1612	0.141	50.55	1704.8 I	20.00	2.82	1.1	197.0 I	75.00	10.57	4.6	887.0
33	1617	0.076	32.55	1737.3 I	18.00	1.37	0.6	197.6 I	89.00	6.76	2.6	889.6
34	1622	0.093	25.35	1762.7 I	16.00	1.49	0.4	198.0 I	90.00	8.37	2.3	891.9
35	1627	0.085	26.70	1789.4 I	16.00	1.36	0.4	198.5 I	74.00	6.29	2.2	894.1
36	1632	0.076	24.15	1813.5 I	17.00	1.29	0.4	198.9 I	91.00	6.92	2.0	896.1
37	1637	0.076	22.80	1836.3 I	16.00	1.22	0.4	199.2 I	84.00	6.38	2.0	898.1
38	1642	0.058	20.10	1856.4 I	14.00	0.81	0.3	199.5 I	99.00	5.74	1.8	899.9
39	1647	0.032	13.50	1869.9 I	14.00	0.45	0.2	199.7 I	55.00	1.76	1.1	901.0
40	1652	0.020	7.80	1877.7 I	15.00	0.30	0.1	199.8 I	66.00	1.32	0.5	901.5
41	1657	0.014	5.10	1882.8 I	21.00	0.29	0.1	199.9 I	64.00	0.90	0.3	901.8
42	1702	0.010	3.55	1886.4 I	20.00	0.19	0.1	200.0 I	45.00	0.44	0.2	902.0
43	1707	0.006	2.41	1898.8 I	22.00	0.14	0.1	200.0 I	53.00	0.34	0.1	902.1
44	1712	0.003	1.47	1890.3 I	15.00	0.05	0.0	200.1 I	24.00	0.08	0.1	902.2
45	1717	0.002	0.73	1891.0 I	14.00	0.02	0.0	200.1 I	37.00	0.06	0.0	902.2
46	1727	0.002	0.90	1891.9 I	16.00	0.02	0.0	200.1 I	38.00	0.06	0.0	902.3
47	1737	0.002	0.90	1892.8 I	16.00	0.02	0.0	200.1 I	41.00	0.06	0.0	902.3
48	1747	0.001	0.65	1893.4 I	16.00	0.01	0.0	200.1 I	31.00	0.02	0.0	902.3
49	1757	0.001	0.40	1893.9 I	20.00	0.01	0.0	200.1 I	27.00	0.02	0.0	902.3
50	1807	0.000	0.26	1894.1 I	20.00	0.00	0.0	200.1 I	56.00	0.01	0.0	902.3

HANAKUMA

KDBE

AME

NO.3

490121

0

BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	1817	0.000	0.12	1894.2	20.00	0.00	0.0	200.1	17.00	0.00	0.0	902.3

HANAKUMA					KOBÉ									
AME					NO.3 490121 0									
					COD					VSS				
NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)		
1	1417	0.002	0.0	0.0 I	0.0	0.0	0.0	0.0 I	12.80	0.02	0.0	0.0		
2	1420	0.006	0.71	0.7 I	0.0	0.0	0.0	0.0 I						
3	1423	0.020	2.38	3.1 I	0.0	0.0	0.0	0.0 I	31.00	0.62	0.1	0.1		
4	1426	0.038	5.22	8.3 I	0.0	0.0	0.0	0.0 I						
5	1429	0.058	8.64	16.9 I	0.0	0.0	0.0	0.0 I	716.00	41.53	7.6	7.7		
6	1432	0.093	13.59	30.5 I	0.0	0.0	0.0	0.0 I						
7	1435	0.131	20.16	50.7 I	0.0	0.0	0.0	0.0 I	959.00	125.63	30.1	37.8		
8	1438	0.163	26.46	77.2 I	0.0	0.0	0.0	0.0 I						
9	1441	0.174	30.33	107.5 I	0.0	0.0	0.0	0.0 I	903.00	157.12	50.9	88.7		
10	1444	0.196	33.30	140.8 I	0.0	0.0	0.0	0.0 I						
11	1447	0.196	35.28	176.1 I	0.0	0.0	0.0	0.0 I	494.00	96.82	45.7	134.4		
12	1450	0.216	37.26	213.3 I	0.0	0.0	0.0	0.0 I						
13	1453	0.254	42.48	255.8 I	0.0	0.0	0.0	0.0 I	234.00	59.44	28.1	162.5		
14	1456	0.259	46.17	302.0 I	0.0	0.0	0.0	0.0 I						
15	1459	0.290	49.41	351.4 I	0.0	0.0	0.0	0.0 I	206.00	59.74	21.5	184.0		
16	1502	0.312	54.18	405.6 I	0.0	0.0	0.0	0.0 I						
17	1505	0.338	58.50	464.1 I	0.0	0.0	0.0	0.0 I	313.00	105.79	29.8	213.8		
18	1508	0.338	60.84	524.9 I	0.0	0.0	0.0	0.0 I						
19	1511	0.414	67.68	592.6 I	0.0	0.0	0.0	0.0 I	246.00	101.84	37.4	251.1		
20	1514	0.414	74.52	667.1 I	0.0	0.0	0.0	0.0 I						
21	1517	0.414	74.52	741.6 I	0.0	0.0	0.0	0.0 I	118.00	48.85	27.1	278.3		
22	1522	0.438	127.80	869.4 I	0.0	0.0	0.0	0.0 I						
23	1527	0.376	122.10	991.5 I	0.0	0.0	0.0	0.0 I	76.00	28.58	23.2	301.5		
24	1532	0.325	105.15	1096.7 I	0.0	0.0	0.0	0.0 I						
25	1537	0.301	93.90	1190.6 I	0.0	0.0	0.0	0.0 I	34.00	10.23	11.6	313.1		
26	1542	0.290	88.65	1279.2 I	0.0	0.0	0.0	0.0 I						
27	1547	0.290	87.00	1366.2 I	0.0	0.0	0.0	0.0 I	42.00	12.18	6.7	319.9		
28	1552	0.259	82.35	1443.6 I	0.0	0.0	0.0	0.0 I						
29	1557	0.240	74.85	1523.4 I	0.0	0.0	0.0	0.0 I	39.00	9.36	6.5	326.3		
30	1602	0.218	68.70	1592.1 I	0.0	0.0	0.0	0.0 I						
31	1607	0.196	62.10	1654.2 I	0.0	0.0	0.0	0.0 I	37.00	7.25	5.0	331.3		
32	1612	0.141	50.55	1704.8 I	0.0	0.0	0.0	0.0 I						
33	1617	0.076	32.55	1737.3 I	0.0	0.0	0.0	0.0 I	31.00	2.36	2.9	334.2		
34	1622	0.093	25.35	1762.7 I	0.0	0.0	0.0	0.0 I						
35	1627	0.085	26.70	1789.4 I	0.0	0.0	0.0	0.0 I	15.00	1.27	1.1	335.3		
36	1632	0.076	24.15	1813.5 I	0.0	0.0	0.0	0.0 I						
37	1637	0.076	22.30	1836.3 I	0.0	0.0	0.0	0.0 I	29.00	2.20	1.0	336.3		
38	1642	0.058	20.10	1856.4 I	0.0	0.0	0.0	0.0 I						
39	1647	0.032	13.50	1869.9 I	0.0	0.0	0.0	0.0 I	10.00	0.32	0.8	337.1		
40	1652	0.020	7.80	1877.7 I	0.0	0.0	0.0	0.0 I						
41	1657	0.014	5.10	1882.8 I	0.0	0.0	0.0	0.0 I	29.00	0.41	0.2	337.3		
42	1702	0.010	3.55	1886.4 I	0.0	0.0	0.0	0.0 I						
43	1707	0.006	2.41	1888.8 I	0.0	0.0	0.0	0.0 I	23.00	0.15	0.2	337.5		
44	1712	0.003	1.47	1890.3 I	0.0	0.0	0.0	0.0 I						
45	1717	0.002	0.73	1891.0 I	0.0	0.0	0.0	0.0 I	13.00	0.02	0.1	337.5		
46	1727	0.002	0.90	1891.9 I	0.0	0.0	0.0	0.0 I						
47	1737	0.002	0.90	1892.8 I	0.0	0.0	0.0	0.0 I	14.00	0.02	0.0	337.5		
48	1747	0.001	0.65	1893.4 I	0.0	0.0	0.0	0.0 I						
49	1757	0.001	0.40	1893.9 I	0.0	0.0	0.0	0.0 I	9.00	0.01	0.0	337.6		
50	1807	0.000	0.26	1894.1 I	0.0	0.0	0.0	0.0 I						

HA: AKIMA

KOBÉ

Age

NO.3

490121

0

COD

VSS

NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	1817	0.000	0.12	1894.2	0.0	0.0	0.0	0.0	1.00	0.00	0.0	337.6

HANAKUMA					KOBE									
AME					NO.3	490121	0							
					T-P					TKN				
NO.	TIME	FLUW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)		
1	1417	0.002	0.0	0.0 I	1.50	0.00	0.0	0.0 I	12.50	0.02	0.0	0.0		
2	1420	0.006	0.71	0.7 I				I						
3	1423	0.020	2.38	3.1 I	1.84	0.04	7.0	7.0 I	12.50	0.25	48.4	48.4		
4	1426	0.033	5.22	3.3 I				I						
5	1429	0.058	8.64	16.9 I	2.96	0.17	37.5	44.6 I	51.50	2.99	582.7	631.0		
6	1432	0.093	13.59	30.5 I				I						
7	1435	0.131	20.16	50.7 I	1.20	0.16	59.2	103.8 I	71.50	9.37	2223.6	2854.7		
8	1438	0.153	26.46	77.2 I				I						
9	1441	0.174	30.33	107.5 I	0.90	0.16	56.5	160.2 I	60.70	10.56	3587.1	6441.8		
10	1444	0.196	33.30	140.8 I				I						
11	1447	0.196	35.28	176.1 I	0.42	0.08	43.0	203.2 I	30.90	6.06	2991.3	9433.0		
12	1450	0.216	37.26	213.3 I				I						
13	1453	0.254	42.48	255.8 I	0.87	0.22	54.6	257.8 I	20.20	5.13	2013.7	11446.7		
14	1456	0.259	46.17	302.0 I				I						
15	1459	0.290	49.41	351.4 I	1.45	0.42	115.5	373.3 I	14.70	4.26	1690.9	13137.6		
16	1502	0.312	54.18	405.6 I				I						
17	1505	0.338	58.50	464.1 I	0.97	0.33	134.7	508.0 I	17.60	5.95	1838.1	14975.7		
18	1508	0.338	60.84	524.9 I				I						
19	1511	0.414	67.68	592.6 I	0.72	0.30	112.7	620.7 I	13.60	5.63	2084.3	17060.0		
20	1514	0.414	74.52	667.1 I				I						
21	1517	0.414	74.52	741.6 I	0.49	0.20	90.2	710.8 I	7.60	3.15	1579.8	18639.8		
22	1522	0.438	127.50	869.4 I				I						
23	1527	0.376	122.10	991.5 I	0.39	0.15	104.8	815.7 I	5.90	2.22	1609.4	20249.2		
24	1532	0.325	105.15	1096.7 I				I						
25	1537	0.301	93.90	1190.6 I	0.69	0.21	106.3	922.0 I	3.30	0.99	963.5	21212.7		
26	1542	0.290	88.65	1279.2 I				I						
27	1547	0.290	87.00	1366.2 I	0.48	0.14	104.1	1026.1 I	2.30	0.67	498.1	21710.8		
28	1552	0.259	82.35	1448.6 I				I						
29	1557	0.240	74.85	1523.4 I	0.55	0.13	81.4	1107.4 I	2.60	0.62	387.3	22098.1		
30	1602	0.218	68.70	1592.1 I				I						
31	1607	0.196	62.10	1654.2 I	0.40	0.08	63.1	1170.5 I	3.60	0.71	398.9	22497.0		
32	1612	0.141	50.55	1704.8 I				I						
33	1617	0.076	32.55	1737.3 I	0.46	0.03	34.0	1204.5 I	3.00	0.23	280.1	22777.1		
34	1622	0.093	25.35	1762.7 I				I						
35	1627	0.085	26.70	1789.4 I	0.67	0.06	27.6	1232.1 I	2.60	0.22	134.7	22911.8		
36	1632	0.076	24.15	1813.5 I				I						
37	1637	0.076	22.80	1836.3 I	0.45	0.03	27.3	1259.5 I	1.50	0.11	100.5	23012.3		
38	1642	0.058	20.10	1856.4 I				I						
39	1647	0.032	13.50	1869.7 I	0.43	0.01	14.4	1273.9 I	2.30	0.07	56.3	23068.6		
40	1652	0.020	7.50	1877.7 I				I						
41	1657	0.014	5.10	1882.9 I	0.46	0.01	6.1	1279.9 I	1.60	0.02	28.8	23097.4		
42	1702	0.010	3.55	1886.4 I				I						
43	1707	0.006	2.41	1884.6 I	0.50	0.00	2.9	1282.8 I	1.50	0.01	9.6	23107.0		
44	1712	0.003	1.47	1890.3 I				I						
45	1717	0.002	0.73	1891.0 I	0.32	0.00	1.1	1283.9 I	2.70	0.00	4.1	23111.0		
46	1727	0.002	0.90	1891.9 I				I						
47	1737	0.002	0.90	1892.3 I	0.53	0.00	0.8	1284.7 I	5.60	0.01	7.5	23118.5		
48	1747	0.001	0.65	1893.4 I				I						
49	1757	0.001	0.40	1893.9 I	0.59	0.00	0.7	1285.4 I	4.90	0.00	7.0	23125.5		
50	1807	0.000	0.26	1894.1 I				I						

HARAKUMA

KOBE

AME

NO.3

490121

0

T-P

TKN

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
51	1817	0.000	0.12	1894.2 I	0.55	0.00	0.3	1285.7 I	4.80	0.00	2.5	23128.1

HANAKUMA

KOBE

AME

NO.3

490121

0

NO.	TIME	FLOW (M3/S)	TWFLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1417	0.002	0.0	0.0	6.20	3200.	0.0	0.0	0.0	0.0	0.0	0.0
2	1420	0.006	0.71	0.7			0.0	0.0	0.0	0.0	0.0	0.0
3	1423	0.020	2.38	3.1	5.00	5000.	0.0	0.0	0.0	0.0	0.0	0.0
4	1426	0.038	5.22	8.3			0.0	0.0	0.0	0.0	0.0	0.0
5	1429	0.058	8.64	16.9	115.00	30000.	0.0	0.0	0.0	0.0	0.0	0.0
6	1432	0.093	13.59	30.5			0.0	0.0	0.0	0.0	0.0	0.0
7	1435	0.131	20.16	50.7	138.00	130000.	0.0	0.0	0.0	0.0	0.0	0.0
8	1438	0.163	26.46	77.2			0.0	0.0	0.0	0.0	0.0	0.0
9	1441	0.174	30.33	107.5	138.00	500000.	0.0	0.0	0.0	0.0	0.0	0.0
10	1444	0.196	33.30	140.8			0.0	0.0	0.0	0.0	0.0	0.0
11	1447	0.196	35.28	176.1	61.00	4700.	0.0	0.0	0.0	0.0	0.0	0.0
12	1450	0.218	37.26	213.3			0.0	0.0	0.0	0.0	0.0	0.0
13	1453	0.254	42.48	255.8	46.00	11000.	0.0	0.0	0.0	0.0	0.0	0.0
14	1456	0.259	46.17	302.0			0.0	0.0	0.0	0.0	0.0	0.0
15	1459	0.290	49.41	351.4	26.00	11000.	0.0	0.0	0.0	0.0	0.0	0.0
16	1502	0.312	54.18	405.6			0.0	0.0	0.0	0.0	0.0	0.0
17	1505	0.338	58.50	464.1	37.00	1600.	0.0	0.0	0.0	0.0	0.0	0.0
18	1508	0.338	60.84	524.9			0.0	0.0	0.0	0.0	0.0	0.0
19	1511	0.414	67.68	592.6	23.00	1500.	0.0	0.0	0.0	0.0	0.0	0.0
20	1514	0.414	74.52	667.1			0.0	0.0	0.0	0.0	0.0	0.0
21	1517	0.414	74.52	741.6	12.00	3100.	0.0	0.0	0.0	0.0	0.0	0.0
22	1522	0.438	127.80	869.4			0.0	0.0	0.0	0.0	0.0	0.0
23	1527	0.376	122.10	991.5	5.00	2000.	0.0	0.0	0.0	0.0	0.0	0.0
24	1532	0.325	105.15	1096.7			0.0	0.0	0.0	0.0	0.0	0.0
25	1537	0.301	93.90	1190.6	4.00	1100.	0.0	0.0	0.0	0.0	0.0	0.0
26	1542	0.290	88.65	1279.2			0.0	0.0	0.0	0.0	0.0	0.0
27	1547	0.290	87.00	1366.2	2.00	4200.	0.0	0.0	0.0	0.0	0.0	0.0
28	1552	0.259	82.35	1448.6			0.0	0.0	0.0	0.0	0.0	0.0
29	1557	0.240	74.85	1523.4	5.00	400.	0.0	0.0	0.0	0.0	0.0	0.0
30	1602	0.218	68.70	1592.1			0.0	0.0	0.0	0.0	0.0	0.0
31	1607	0.196	62.10	1654.2	3.00	210.	0.0	0.0	0.0	0.0	0.0	0.0
32	1612	0.141	50.55	1704.8			0.0	0.0	0.0	0.0	0.0	0.0
33	1617	0.076	32.55	1737.3	3.00	220.	0.0	0.0	0.0	0.0	0.0	0.0
34	1622	0.093	25.35	1762.7			0.0	0.0	0.0	0.0	0.0	0.0
35	1627	0.085	26.70	1789.4	3.00	390.	0.0	0.0	0.0	0.0	0.0	0.0
36	1632	0.076	24.15	1813.5			0.0	0.0	0.0	0.0	0.0	0.0
37	1637	0.076	22.80	1836.3	2.00	220.	0.0	0.0	0.0	0.0	0.0	0.0
38	1642	0.058	20.10	1856.4			0.0	0.0	0.0	0.0	0.0	0.0
39	1647	0.032	13.50	1869.9	4.00	280.	0.0	0.0	0.0	0.0	0.0	0.0
40	1652	0.020	7.30	1877.7			0.0	0.0	0.0	0.0	0.0	0.0
41	1657	0.014	5.10	1832.8	4.00	2.	0.0	0.0	0.0	0.0	0.0	0.0
42	1702	0.010	3.55	1896.4			0.0	0.0	0.0	0.0	0.0	0.0
43	1707	0.006	2.41	1888.8	3.00	14.	0.0	0.0	0.0	0.0	0.0	0.0
44	1712	0.003	1.47	1890.3			0.0	0.0	0.0	0.0	0.0	0.0
45	1717	0.002	0.73	1891.0	3.00	14.	0.0	0.0	0.0	0.0	0.0	0.0
46	1727	0.002	0.90	1891.9			0.0	0.0	0.0	0.0	0.0	0.0
47	1737	0.002	0.90	1892.8	2.00	330.	0.0	0.0	0.0	0.0	0.0	0.0
48	1747	0.001	0.65	1893.4			0.0	0.0	0.0	0.0	0.0	0.0
49	1757	0.001	0.40	1893.9	3.00	400.	0.0	0.0	0.0	0.0	0.0	0.0
50	1807	0.000	0.26	1894.1			0.0	0.0	0.0	0.0	0.0	0.0

HAKKURA

KOBE

AME

NO.3

490121

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NO.	TIME	FLOW (M3/S)	TRFLOW (M3)	SIG(FLCw) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
51	1817	0.000	0.12	1894.2	1.00	300.	0.0	0.0	0.0	0.0	0.0	0.0

HANAKUMA

KOBÉ

AME

NO.1

490901

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BOD

SS

NO.	TIME	FLOW (M3/S)	TWFLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (KG)	SIG(LOAD) (KG)
1	1930	0.032	0.0	0.0	10.30	0.33	0.0	0.0	30.70	0.98	0.0	0.0
2	1935	0.058	13.50	13.5	11.20	0.65	0.1	0.1	70.70	4.10	0.8	0.8
3	1940	0.163	33.15	46.6	136.00	22.17	3.4	3.6	192.00	31.30	5.3	6.1
4	1945	0.245	61.20	107.8	58.50	14.33	5.5	9.0	417.00	102.16	20.0	26.1
5	1950	0.350	89.25	197.1	42.60	14.91	4.4	13.4	259.00	90.65	28.9	55.0
6	1955	0.688	155.70	352.8	26.90	18.51	5.0	18.4	292.00	200.90	43.7	98.7
7	2000	0.688	206.40	559.2	35.10	24.15	6.4	24.8	223.00	153.42	53.1	151.9
8	2005	0.688	206.40	765.6	21.80	15.00	5.9	30.7	93.50	64.33	32.7	184.6
9	2010	0.534	183.30	948.9	19.80	10.57	3.8	34.5	86.00	45.92	16.5	201.1
10	2015	0.325	128.85	1077.7	18.40	5.98	2.5	37.0	80.00	26.00	10.8	211.9
11	2020	0.240	84.75	1162.5	17.00	4.08	1.5	38.5	66.40	15.94	6.3	218.2
12	2025	0.196	65.40	1227.9	16.00	3.14	1.1	39.6	63.80	12.50	4.3	222.4
13	2030	0.111	46.05	1273.9	10.60	1.18	0.6	40.3	52.80	5.86	2.8	225.2
14	2035	0.196	46.05	1320.0	6.90	1.35	0.4	40.7	48.00	9.41	2.3	227.5
15	2040	0.338	80.10	1400.1	9.24	3.12	0.7	41.3	57.60	19.47	4.3	231.8
16	2045	0.630	145.20	1545.3	10.90	6.87	1.5	42.8	64.20	40.45	9.0	240.8
17	2050	0.670	195.00	1740.3	13.70	9.18	2.4	45.2	46.40	31.09	10.7	251.5
18	2055	0.816	222.90	1963.2	14.70	12.00	3.2	48.4	59.20	48.31	11.9	263.4
19	2100	0.935	262.65	2225.8	15.20	14.21	3.9	52.3	62.60	58.53	16.0	279.5
20	2105	0.875	271.50	2497.3	8.12	7.10	3.2	55.5	59.80	52.32	16.6	296.1
21	2110	0.816	253.65	2751.0	5.18	4.23	1.7	57.2	48.80	39.82	13.8	309.9
22	2115	0.949	264.75	3015.7	6.22	5.90	1.5	58.8	50.40	47.83	13.1	323.1
23	2120	0.831	267.00	3282.7	6.74	5.60	1.7	60.5	53.20	44.21	13.8	336.9
24	2125	0.402	184.95	3467.7	11.90	4.78	1.6	62.0	53.60	21.55	9.9	346.7
25	2130	0.230	94.80	3562.5	12.40	2.85	1.1	63.2	57.60	13.25	5.2	352.0
26	2135	0.174	60.60	3623.1	9.76	1.70	0.7	63.9	49.00	8.53	3.3	355.2
27	2140	0.102	41.40	3664.5	11.30	1.15	0.4	64.3	33.60	3.43	1.8	357.0
28	2145	0.085	28.05	3692.5	8.80	0.75	0.3	64.6	34.40	2.92	1.0	358.0
29	2150	0.058	21.45	3714.0	13.30	0.77	0.2	64.8	33.80	1.96	0.7	358.7
30	2155	0.051	16.35	3730.3	9.62	0.49	0.2	65.0	35.00	1.78	0.6	359.3
31	2200	0.045	14.40	3744.7	11.70	0.53	0.2	65.1	35.20	1.58	0.5	359.8
32	2205	0.032	11.55	3756.3	7.80	0.25	0.1	65.3	35.20	1.13	0.4	360.2
33	2210	0.026	8.70	3765.0	8.22	0.21	0.1	65.3	34.00	0.88	0.3	360.5
34	2215	0.026	7.80	3772.8	8.40	0.22	0.1	65.4	34.00	0.88	0.3	360.7
35	2220	0.020	6.90	3779.7	10.50	0.21	0.1	65.5	31.00	0.62	0.2	361.0
36	2225	0.020	6.00	3785.7	8.14	0.16	0.1	65.5	31.00	0.62	0.2	361.1
37	2230	0.014	5.10	3790.8	11.30	0.16	0.0	65.6	30.60	0.43	0.2	361.3
38	2235	0.010	3.55	3794.3	13.40	0.13	0.0	65.6	28.40	0.28	0.1	361.4
39	2240	0.010	2.91	3797.3	13.30	0.13	0.0	65.6	27.20	0.26	0.1	361.5

HANAKUMA

KUBE

AME

NO.1

490901

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COD

VSS

NO.	TIME	FLOW (M3/S)	T#FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (KG)	SIG(LOAD) (KG)
1	1930	0.032	0.0	0.0 I	18.50	0.59	0.0	0.0 I	18.70	0.60	0.0	0.0
2	1935	0.058	13.50	13.5 I	23.70	1.37	0.3	0.3 I				
3	1940	0.163	33.15	46.6 I	74.90	12.21	2.0	2.3 I	86.00	14.02	4.4	4.4
4	1945	0.245	61.20	107.8 I	62.20	15.24	4.1	6.4 I				
5	1950	0.350	89.25	197.1 I	47.50	16.63	4.8	11.2 I	73.00	25.55	11.9	16.3
6	1955	0.688	155.70	352.8 I	36.30	24.97	6.2	17.5 I				
7	2000	0.688	206.40	559.2 I	33.00	22.70	7.2	24.6 I	56.00	38.53	19.2	35.5
8	2005	0.688	206.40	765.6 I	18.00	12.38	5.3	29.9 I				
9	2010	0.534	183.30	948.9 I	14.40	7.69	3.0	32.9 I	15.20	8.12	14.0	49.5
10	2015	0.325	128.85	1077.7 I	17.50	5.69	2.0	34.9 I				
11	2020	0.240	84.75	1162.5 I	11.40	2.74	1.3	36.2 I	15.60	3.74	3.6	53.0
12	2025	0.196	65.40	1227.9 I	15.70	3.08	0.9	37.0 I				
13	2030	0.111	46.05	1273.9 I	11.80	1.31	0.7	37.7 I	17.30	1.92	1.7	54.7
14	2035	0.196	46.05	1320.0 I	12.10	2.37	0.6	38.2 I				
15	2040	0.338	80.10	1400.1 I	11.80	3.99	1.0	39.2 I	13.60	4.60	2.0	56.7
16	2045	0.630	145.20	1545.3 I	11.60	7.31	1.7	40.9 I				
17	2050	0.670	195.00	1740.3 I	9.68	6.49	2.1	43.0 I	9.00	6.03	3.2	59.9
18	2055	0.816	222.90	1963.2 I	10.60	8.65	2.3	45.2 I				
19	2100	0.935	262.65	2225.8 I	12.40	11.59	3.0	48.3 I	12.60	11.78	5.3	65.2
20	2105	0.875	271.50	2497.3 I	10.80	9.45	3.2	51.4 I				
21	2110	0.816	253.65	2751.0 I	8.22	6.71	2.4	53.9 I	8.60	7.02	5.6	70.9
22	2115	0.949	264.75	3015.7 I	7.58	7.19	2.1	55.9 I				
23	2120	0.831	267.00	3282.7 I	7.07	5.88	2.0	57.9 I	11.40	9.47	4.9	75.8
24	2125	0.402	184.95	3467.7 I	9.50	3.82	1.5	59.4 I				
25	2130	0.230	94.80	3562.5 I	14.10	3.24	1.1	60.4 I	12.00	2.76	3.7	79.5
26	2135	0.174	60.60	3623.1 I	11.00	1.91	0.8	61.2 I				
27	2140	0.102	41.40	3664.5 I	10.20	1.04	0.4	61.6 I	6.80	0.69	1.0	80.5
28	2145	0.085	28.05	3692.5 I	8.00	0.68	0.3	61.9 I				
29	2150	0.058	21.45	3714.0 I	8.83	0.51	0.2	62.1 I	6.20	0.36	0.3	80.8
30	2155	0.051	16.35	3730.3 I	7.10	0.36	0.1	62.2 I				
31	2200	0.045	14.40	3744.7 I	9.83	0.44	0.1	62.3 I	6.60	0.30	0.2	81.0
32	2205	0.032	11.55	3756.3 I	8.00	0.26	0.1	62.4 I				
33	2210	0.026	8.70	3765.0 I	6.84	0.18	0.1	62.5 I	5.80	0.15	0.1	81.2
34	2215	0.026	7.80	3772.8 I	7.42	0.19	0.1	62.5 I				
35	2220	0.020	6.90	3779.7 I	7.60	0.15	0.1	62.6 I	6.60	0.13	0.1	81.2
36	2225	0.020	6.00	3785.7 I	8.00	0.16	0.0	62.6 I				
37	2230	0.014	5.10	3790.8 I	7.91	0.11	0.0	62.7 I	5.80	0.08	0.1	81.3
38	2235	0.010	3.55	3794.3 I	8.05	0.08	0.0	62.7 I				
39	2240	0.010	2.91	3797.3 I	9.69	0.09	0.0	62.7 I	5.60	0.05	0.0	81.3

HANAKUMA

KUBE

AME

NO.1

490901

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T-P

TKN

NO.	TIME	FLOW (M3/S)	T#FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (G)	SIG(LOAD) (G)
1	1930	0.032	0.0	0.0	0.82	0.03	0.0	0.0	1.80	0.06	0.0	0.0
2	1935	0.058	13.50	13.5								
3	1940	0.163	33.15	46.6	1.08	0.18	60.6	60.6	11.10	1.81	560.1	560.1
4	1945	0.245	61.20	107.8								
5	1950	0.350	89.25	197.1	0.55	0.19	110.6	171.2	5.31	1.86	1100.3	1660.4
6	1955	0.688	155.70	352.8								
7	2000	0.688	206.40	559.2	0.29	0.20	117.2	288.4	3.74	2.57	1329.5	2989.9
8	2005	0.688	206.40	765.6								
9	2010	0.534	183.30	948.9	0.16	0.09	85.1	373.5	1.74	0.93	1050.7	4040.6
10	2015	0.325	128.85	1077.7								
11	2020	0.240	84.75	1162.5	0.13	0.03	35.1	408.6	1.43	0.34	381.7	4422.3
12	2025	0.196	65.40	1227.9								
13	2030	0.111	46.05	1273.9	0.15	0.02	14.4	423.0	1.87	0.21	165.2	4387.5
14	2035	0.196	46.05	1320.0								
15	2040	0.338	80.10	1400.1	0.29	0.10	34.1	457.2	1.16	0.39	179.9	4767.4
16	2045	0.630	145.20	1545.3								
17	2050	0.670	195.00	1740.3	0.31	0.21	91.9	549.1	1.29	0.86	376.9	5144.3
18	2055	0.816	222.90	1963.2								
19	2100	0.935	262.65	2225.8	0.16	0.15	107.6	656.7	1.18	1.10	590.3	5734.6
20	2105	0.875	271.50	2497.3								
21	2110	0.816	253.65	2751.0	0.16	0.13	83.1	739.8	1.16	0.95	615.0	6349.6
22	2115	0.949	264.75	3015.7								
23	2120	0.831	267.00	3282.7	0.13	0.11	71.1	810.8	0.84	0.70	493.4	6842.9
24	2125	0.402	184.95	3467.7								
25	2130	0.230	94.80	3562.5	0.14	0.03	42.8	853.7	1.18	0.27	290.8	7133.8
26	2135	0.174	60.60	3623.1								
27	2140	0.102	41.40	3664.5	0.16	0.02	14.8	868.5	1.35	0.14	122.7	7256.5
28	2145	0.085	28.05	3692.5								
29	2150	0.058	21.45	3714.0	0.14	0.01	7.3	875.8	0.90	0.05	57.0	7313.5
30	2155	0.051	16.35	3730.3								
31	2200	0.045	14.40	3744.7	0.12	0.01	4.0	879.8	0.97	0.04	28.7	7342.2
32	2205	0.032	11.55	3756.3								
33	2210	0.026	8.70	3765.0	0.14	0.00	2.7	882.5	0.97	0.03	20.6	7362.8
34	2215	0.026	7.80	3772.8								
35	2220	0.020	6.90	3779.7	0.14	0.00	1.9	884.4	1.29	0.03	15.3	7378.1
36	2225	0.020	6.00	3785.7								
37	2230	0.014	5.10	3790.8	0.14	0.00	1.4	885.8	1.09	0.02	12.3	7390.4
38	2235	0.010	3.55	3794.3								
39	2240	0.010	2.91	3797.3	0.20	0.00	1.2	887.0	1.22	0.01	8.1	7398.5

HANAKUMA

KUBE

AME

NO.1

490901

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NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1930	0.032	0.0	0.0	4.20	6100.	0.13	0.01	0.00	0.00	0.02	0.03
2	1935	0.058	13.50	13.5			0.49	0.03	0.00	0.00	0.01	0.05
3	1940	0.163	33.15	46.6	6.00	5100.	1.01	0.12	0.00	0.01	0.02	0.14
4	1945	0.245	61.20	107.8			4.74	0.25	0.11	0.02	0.07	2.26
5	1950	0.350	89.25	197.1	7.80	12000.	0.84	0.11	0.00	0.01	0.02	0.20
6	1955	0.688	155.70	352.8			1.01	0.11	0.00	0.01	0.02	0.14
7	2000	0.688	206.40	559.2	12.40	2700.	0.49	0.09	0.00	0.01	0.02	0.12
8	2005	0.688	206.40	765.6			1.36	0.08	0.00	0.01	0.01	0.06
9	2010	0.534	183.30	948.9	12.80	2700.	0.28	0.06	0.00	0.01	0.01	0.05
10	2015	0.325	128.85	1077.7			0.23	0.03	0.00	0.00	0.01	0.04
11	2020	0.240	84.75	1162.5	12.40	900.	0.10	0.03	0.00	0.00	0.01	0.03
12	2025	0.196	65.40	1227.9			0.11	0.03	0.00	0.00	0.01	0.04
13	2030	0.111	46.05	1273.9	11.70	18000.	0.11	0.04	0.00	0.00	0.01	0.04
14	2035	0.196	46.05	1320.0			0.10	0.03	0.00	0.00	0.01	0.04
15	2040	0.338	80.10	1400.1	11.80	2200.	0.10	0.03	0.00	0.00	0.01	0.04
16	2045	0.630	145.20	1545.3			0.10	0.02	0.00	0.00	0.01	0.03
17	2050	0.670	195.00	1740.3	2.30	3000.	0.31	0.05	0.00	0.01	0.01	0.05
18	2055	0.816	222.90	1963.2			0.28	0.06	0.00	0.01	0.01	0.06
19	2100	0.935	262.65	2225.8	1.90	400.	0.25	0.05	0.00	0.01	0.01	0.07
20	2105	0.875	271.50	2497.3			0.22	0.06	0.00	0.00	0.01	0.05
21	2110	0.816	253.65	2751.0	1.60	900.	0.23	0.05	0.00	0.00	0.01	0.04
22	2115	0.949	264.75	3015.7			0.13	0.05	0.00	0.00	0.01	0.03
23	2120	0.831	267.00	3282.7	0.84	550.	0.11	0.04	0.00	0.00	0.01	0.03
24	2125	0.402	184.95	3467.7			0.09	0.05	0.00	0.00	0.01	0.03
25	2130	0.230	94.80	3562.5	1.10	5300.	0.09	0.04	0.00	0.00	0.01	0.02
26	2135	0.174	60.60	3623.1			0.09	0.02	0.00	0.00	0.01	0.03
27	2140	0.102	41.40	3664.5	1.35	4000.	0.06	0.02	0.00	0.00	0.01	0.03
28	2145	0.085	28.05	3692.5			0.07	0.03	0.00	0.00	0.01	0.03
29	2150	0.058	21.45	3714.0	0.90	3000.	0.06	0.05	0.00	0.00	0.01	0.03
30	2155	0.051	16.35	3730.3			0.06	0.04	0.00	0.00	0.01	0.02
31	2200	0.045	14.40	3744.7	0.97	14000.	0.06	0.04	0.00	0.00	0.01	0.02
32	2205	0.032	11.55	3756.3			0.06	0.03	0.00	0.00	0.01	0.02
33	2210	0.026	8.70	3765.0	0.97	4800.	0.05	0.03	0.00	0.00	0.01	0.02
34	2215	0.026	7.80	3772.8			0.05	0.04	0.00	0.00	0.01	0.02
35	2220	0.020	6.90	3779.7	1.29	1500.	0.07	0.04	0.00	0.00	0.01	0.02
36	2225	0.020	6.00	3785.7			0.05	0.04	0.00	0.00	0.01	0.03
37	2230	0.014	5.10	3790.8	1.09	24000.	0.06	0.04	0.00	0.00	0.01	0.02
38	2235	0.010	3.55	3794.3			0.05	0.03	0.00	0.00	0.01	0.02
39	2240	0.010	2.91	3797.3	1.22	61000.	0.05	0.03	0.00	0.00	0.01	0.01

HARAKUMA

KOBÉ

AME

NO.2

491001

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	2130	0.006	0.0	0.0	18.80	0.12	0.0	0.0	37.30	0.24	0.0	0.0
2	2135	0.020	3.96	4.0	19.90	0.40	0.1	0.1	39.00	0.78	0.2	0.2
3	2140	0.051	10.65	14.6	45.30	2.31	0.4	0.5	80.00	4.08	0.7	0.9
4	2145	0.067	17.70	32.3	60.80	4.07	1.0	1.4	96.00	6.43	1.6	2.5
5	2150	0.066	19.95	52.3	85.60	5.65	1.5	2.9	170.00	11.22	2.6	5.1
6	2155	0.058	18.60	70.9	63.40	3.68	1.4	4.3	222.00	12.88	3.6	8.7
7	2200	0.051	16.35	87.2	60.50	3.09	1.0	5.3	254.00	12.95	3.9	12.6
8	2205	0.051	15.30	102.5	53.80	2.74	0.9	6.2	176.00	8.98	3.3	15.9
9	2210	0.038	13.35	115.9	35.50	1.35	0.6	6.8	83.20	3.16	1.8	17.7
10	2215	0.032	10.50	126.4	15.40	0.49	0.3	7.1	59.50	1.90	0.8	18.5
11	2220	0.014	6.90	133.3	14.70	0.21	0.1	7.2	38.00	0.53	0.4	18.8
12	2225	0.010	3.55	136.8	12.00	0.12	0.0	7.2	26.80	0.26	0.1	18.9
13	2230	0.010	2.91	139.7	11.20	0.11	0.0	7.3	22.60	0.22	0.1	19.0
14	2235	0.010	2.91	142.6	10.90	0.11	0.0	7.3	21.30	0.21	0.1	19.1
15	2240	0.010	2.91	145.5	8.20	0.08	0.0	7.3	16.00	0.16	0.1	19.1
16	2245	0.020	4.45	150.0	7.92	0.16	0.0	7.4	14.30	0.29	0.1	19.2
17	2250	0.045	9.75	159.7	7.35	0.33	0.1	7.4	15.20	0.68	0.1	19.4
18	2255	0.076	18.15	177.9	8.34	0.63	0.1	7.6	36.00	2.74	0.5	19.9
19	2300	0.011	13.05	190.9	24.70	0.27	0.1	7.7	105.00	1.15	0.6	20.4
20	2305	0.093	15.60	206.5	28.80	2.68	0.4	8.2	158.00	14.69	2.4	22.8
21	2310	0.067	24.00	230.5	22.40	1.50	0.6	8.8	139.00	9.31	3.6	26.4
22	2315	0.058	18.75	249.3	9.47	0.55	0.3	9.1	76.00	4.41	2.1	28.5
23	2320	0.051	16.35	265.6	8.95	0.46	0.2	9.2	40.90	2.09	1.0	29.5
24	2325	0.051	15.30	280.9	6.82	0.35	0.1	9.4	30.70	1.57	0.5	30.0
25	2330	0.051	15.30	296.2	5.81	0.30	0.1	9.5	29.20	1.49	0.5	30.5
26	2335	0.045	14.40	310.6	5.88	0.26	0.1	9.5	20.30	0.91	0.4	30.8
27	2340	0.045	13.50	324.1	5.68	0.26	0.1	9.6	17.20	0.77	0.3	31.1
28	2345	0.045	13.50	337.6	4.85	0.22	0.1	9.7	16.60	0.75	0.2	31.3
29	2350	0.051	14.40	352.0	5.11	0.26	0.1	9.8	13.00	0.66	0.2	31.5
30	2355	0.051	15.30	367.3	5.07	0.26	0.1	9.8	14.20	0.72	0.2	31.7
31	0	0.058	16.35	393.7	4.71	0.27	0.1	9.9	18.20	1.06	0.3	32.0
32	5	0.068	18.87	402.6	5.04	0.34	0.1	10.0	19.00	1.29	0.4	32.3
33	10	0.058	18.87	421.4	4.70	0.27	0.1	10.1	24.00	1.39	0.4	32.7
34	15	0.051	16.35	437.8	5.43	0.28	0.1	10.2	23.20	1.18	0.4	33.1
35	20	0.045	14.40	452.2	5.31	0.24	0.1	10.3	19.60	0.88	0.3	33.4
36	25	0.051	14.40	466.6	5.33	0.27	0.1	10.3	18.40	0.94	0.3	33.7
37	30	0.085	20.40	487.0	6.28	0.53	0.1	10.5	20.40	1.73	0.4	34.1
38	35	0.141	33.90	520.9	6.51	0.92	0.2	10.7	36.40	5.13	1.0	35.1
39	40	0.151	43.80	564.7	6.85	1.03	0.3	11.0	67.20	10.15	2.3	37.4
40	45	0.174	48.75	613.4	16.00	2.78	0.6	11.5	99.00	17.23	4.1	41.5
41	50	0.174	52.20	665.6	11.40	1.98	0.7	12.3	76.00	13.22	4.6	46.1
42	55	0.163	50.55	716.2	11.00	1.79	0.6	12.8	74.00	12.06	3.8	49.9
43	100	0.151	47.10	763.3	7.33	1.11	0.4	13.3	55.30	8.35	3.1	53.0
44	105	0.141	43.80	807.1	6.95	0.98	0.3	13.6	47.80	6.74	2.3	55.2
45	110	0.102	36.45	843.5	5.98	0.61	0.2	13.8	35.40	3.61	1.6	56.8
46	115	0.076	26.70	870.2	4.53	0.34	0.1	14.0	29.20	2.22	0.9	57.7
47	120	0.067	21.45	891.7	4.02	0.27	0.1	14.1	24.80	1.66	0.6	58.2
48	125	0.067	20.10	911.8	4.01	0.27	0.1	14.1	25.20	1.69	0.5	58.7
49	130	0.076	21.45	933.2	3.05	0.23	0.1	14.2	15.60	1.19	0.4	59.2
50	150	0.051	76.20	1009.4	2.64	0.13	0.2	14.4	12.00	0.61	1.1	60.3

HANAKUMA

KUBE

AME

NO.2

491001

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BOD

SS

NO.	TIME	FLOW (M3/S)	TWFLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (KG)	SIG(LOAD) (KG)
51	210	0.290	204.60	1214.0 I	6.40	1.86	1.2	15.6 I	39.80	11.54	7.3	67.5
52	215	0.493	117.45	1331.5 I	21.20	10.45	1.8	17.5 I	263.00	129.66	21.2	88.7
53	220	0.558	157.65	1489.1 I	22.60	12.61	3.5	20.9 I	381.00	212.60	51.3	140.1
54	225	0.561	167.85	1657.0 I	11.20	6.28	2.8	23.8 I	194.00	108.83	48.2	188.3
55	230	0.521	162.30	1819.3 I	7.60	3.96	1.5	25.3 I	151.00	78.67	28.1	216.4
56	240	0.644	349.50	2168.8 I	5.95	3.83	2.3	27.6 I	122.00	78.57	47.2	263.6
57	250	0.688	399.60	2568.4 I	5.50	3.78	2.3	29.9 I	101.00	69.49	44.4	308.0
58	300	0.389	323.10	2891.5 I	2.87	1.12	1.5	31.4 I	71.00	27.62	29.1	337.1
59	320	0.278	400.20	3291.7 I	1.89	0.53	1.0	32.4 I	38.40	10.68	23.0	360.1
60	340	0.185	277.80	3569.5 I	1.83	0.34	0.5	32.9 I	24.80	4.59	9.2	369.3
61	400	0.230	249.00	3818.5 I	1.94	0.45	0.5	33.4 I	26.00	5.98	6.3	375.6
62	420	0.141	222.60	4041.1 I	1.72	0.24	0.4	33.8 I	19.80	2.79	5.3	380.9
63	450	0.076	195.30	4236.4 I	1.79	0.14	0.3	34.1 I	19.60	1.49	3.9	384.7
64	520	0.051	114.30	4350.7 I	2.30	0.12	0.2	34.3 I	12.00	0.61	1.9	386.6
65	550	0.032	74.70	4425.4 I	2.42	0.08	0.2	34.5 I	9.40	0.30	0.8	387.4
66	650	0.076	194.40	4619.8 I	3.28	0.25	0.6	35.1 I	9.80	0.74	1.9	389.3
67	750	0.093	304.20	4924.0 I	3.35	0.31	1.0	36.1 I	12.60	1.17	3.4	392.8
68	850	0.026	214.20	5138.2 I	6.81	0.18	0.9	37.0 I	14.80	0.38	2.8	395.6
69	950	0.020	82.80	5221.0 I	8.76	0.18	0.6	37.6 I	17.80	0.36	1.3	396.9
70	1050	0.002	38.70	5259.7 I	8.91	0.01	0.3	38.0 I	15.60	0.02	0.7	397.6

HANAKUMA

KUBE

AME

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	2130	0.006	0.0	0.0 I	18.60	0.12	0.0	0.0 I	27.30	0.17	0.0	0.0
2	2135	0.020	3.96	4.0 I	21.50	0.43	0.1	0.1 I				
3	2140	0.051	10.65	14.6 I	39.90	2.03	0.4	0.5 I	63.00	3.21	1.0	1.0
4	2145	0.067	17.70	32.3 I	41.40	2.77	0.7	1.2 I				
5	2150	0.066	19.95	52.3 I	53.40	3.52	0.9	2.1 I	85.00	5.61	2.6	3.7
6	2155	0.058	18.60	70.9 I	58.70	3.40	1.0	3.2 I				
7	2200	0.051	16.35	87.2 I	56.70	2.89	0.9	4.1 I	111.00	5.66	3.4	7.0
8	2205	0.051	15.30	102.5 I	38.00	1.94	0.7	4.8 I				
9	2210	0.038	13.35	115.9 I	26.20	1.00	0.4	5.3 I	36.80	1.40	2.1	9.2
10	2215	0.032	10.50	126.4 I	20.50	0.66	0.2	5.5 I				
11	2220	0.014	6.90	133.3 I	16.40	0.23	0.1	5.6 I	17.10	0.24	0.5	9.7
12	2225	0.010	3.55	136.8 I	12.40	0.12	0.1	5.7 I				
13	2230	0.010	2.91	139.7 I	12.70	0.12	0.0	5.7 I	15.00	0.15	0.1	9.8
14	2235	0.010	2.91	142.6 I	11.40	0.11	0.0	5.8 I				
15	2240	0.010	2.91	145.5 I	6.20	0.06	0.0	5.8 I	9.60	0.09	0.1	9.8
16	2245	0.020	4.45	150.0 I	6.54	0.13	0.0	5.8 I				
17	2250	0.045	9.75	159.7 I	9.72	0.44	0.1	5.9 I	8.10	0.36	0.1	10.0
18	2255	0.076	18.15	177.9 I	17.50	1.33	0.3	6.2 I				
19	2300	0.011	13.05	190.9 I	20.00	0.22	0.2	6.4 I	41.60	0.46	0.2	10.2
20	2305	0.093	15.60	206.5 I	39.60	3.68	0.6	7.0 I				
21	2310	0.067	24.00	230.5 I	23.10	1.55	0.8	7.8 I	48.90	3.28	1.1	11.3
22	2315	0.058	18.75	249.3 I	13.90	0.81	0.4	8.1 I				
23	2320	0.051	16.35	265.6 I	9.71	0.50	0.2	8.3 I	14.60	0.74	1.2	12.6
24	2325	0.051	15.30	280.9 I	9.46	0.48	0.1	8.5 I				
25	2330	0.051	15.30	296.2 I	9.37	0.48	0.1	8.6 I	13.00	0.66	0.4	13.0
26	2335	0.045	14.40	310.6 I	9.30	0.42	0.1	8.8 I				
27	2340	0.045	13.50	324.1 I	7.95	0.36	0.1	8.9 I	8.10	0.36	0.3	13.3
28	2345	0.045	13.50	337.6 I	7.55	0.34	0.1	9.0 I				
29	2350	0.051	14.40	352.0 I	6.96	0.35	0.1	9.1 I	5.00	0.25	0.2	13.5
30	2355	0.051	15.30	367.3 I	6.77	0.35	0.1	9.2 I				
31	0	0.058	16.35	383.7 I	6.44	0.37	0.1	9.3 I	7.00	0.41	0.2	13.7
32	5	0.068	18.87	402.6 I	6.87	0.47	0.1	9.4 I				
33	10	0.058	18.87	421.4 I	6.96	0.40	0.1	9.5 I	7.80	0.45	0.3	13.9
34	15	0.051	16.35	437.8 I	5.91	0.30	0.1	9.7 I				
35	20	0.045	14.40	452.2 I	6.96	0.31	0.1	9.7 I	7.40	0.33	0.2	14.2
36	25	0.051	14.40	466.6 I	8.41	0.43	0.1	9.9 I				
37	30	0.085	20.40	487.0 I	7.29	0.62	0.2	10.0 I	7.40	0.63	0.3	14.4
38	35	0.141	33.90	520.9 I	8.94	1.26	0.3	10.3 I				
39	40	0.151	43.80	564.7 I	9.86	1.49	0.4	10.7 I	19.40	2.93	1.1	15.5
40	45	0.174	48.75	613.4 I	21.20	3.69	0.8	11.5 I				
41	50	0.174	52.20	665.6 I	19.40	3.38	1.1	12.5 I	12.40	2.16	1.5	17.0
42	55	0.163	50.55	716.2 I	17.00	2.77	0.9	13.5 I				
43	100	0.151	47.10	763.3 I	9.92	1.50	0.6	14.1 I	11.00	1.66	1.1	18.2
44	105	0.141	43.90	807.1 I	7.75	1.09	0.4	14.5 I				
45	110	0.102	36.45	843.5 I	7.69	0.78	0.3	14.8 I	9.60	0.98	0.8	19.0
46	115	0.076	26.70	870.2 I	6.70	0.51	0.2	15.0 I				
47	120	0.067	21.45	891.7 I	5.28	0.35	0.1	15.1 I	5.80	0.39	0.4	19.4
48	125	0.067	20.10	911.8 I	6.11	0.41	0.1	15.2 I				
49	130	0.076	21.45	933.2 I	3.94	0.30	0.1	15.3 I	3.60	0.27	0.2	19.6
50	150	0.051	76.20	1009.4 I	3.86	0.20	0.3	15.6 I				

HANAKUMA

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	210	0.290	204.60	1214.0 I	7.80	2.26	1.5	17.1 I	11.20	3.25	4.2	23.8
52	215	0.493	117.45	1331.5 I	24.50	12.08	2.2	19.2 I				
53	220	0.558	157.65	1489.1 I	16.60	9.26	3.2	22.4 I	70.00	39.06	12.7	36.5
54	225	0.561	167.85	1657.0 I	9.38	5.26	2.2	24.6 I				
55	230	0.521	162.30	1819.3 I	9.53	4.97	1.5	26.2 I	27.40	14.28	16.0	52.5
56	240	0.644	349.50	2168.8 I	5.87	3.78	2.6	28.8 I				
57	250	0.688	399.60	2568.4 I	6.93	4.77	2.6	31.3 I	16.60	11.42	15.4	67.9
58	300	0.389	323.10	2891.5 I	5.16	2.01	2.0	33.4 I				
59	320	0.278	400.20	3291.7 I	4.41	1.23	1.9	35.3 I	7.60	2.11	12.2	80.1
60	340	0.185	277.80	3569.5 I	3.47	0.64	1.1	36.4 I				
61	400	0.230	249.00	3818.5 I	3.39	0.78	0.9	37.3 I	6.80	1.56	4.4	84.5
62	420	0.141	222.60	4041.1 I	2.88	0.41	0.7	38.0 I				
63	450	0.076	195.30	4236.4 I	2.99	0.23	0.6	38.6 I	3.80	0.29	2.8	87.3
64	520	0.051	114.30	4350.7 I	2.88	0.15	0.3	38.9 I				
65	550	0.032	74.70	4425.4 I	3.11	0.10	0.2	39.1 I	2.80	0.09	0.7	88.0
66	650	0.076	194.40	4619.8 I	3.47	0.26	0.7	39.8 I				
67	750	0.093	304.20	4924.0 I	4.22	0.39	1.2	41.0 I	4.00	0.37	1.7	89.6
68	850	0.026	214.20	5138.2 I	6.24	0.16	1.0	42.0 I				
69	950	0.020	82.80	5221.0 I	7.13	0.14	0.5	42.5 I	5.40	0.11	1.7	91.4
70	1050	0.002	38.70	5259.7 I	6.54	0.01	0.3	42.8 I				

HANAKUMA

KUBE

AME

NO.2

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T-P

TKN

NO.	TIME	FLOW (M3/S)	TWFLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)
1	2130	0.006	0.0	0.0 I	0.42	0.00	0.0	0.0 I	5.27	0.03	0.0	0.0
2	2135	0.020	3.96	4.0 I								
3	2140	0.051	10.65	14.6 I	0.47	0.02	8.0	8.0 I	7.32	0.37	122.1	122.1
4	2145	0.067	17.70	32.3 I								
5	2150	0.066	19.95	52.3 I	0.49	0.03	17.0	25.0 I	7.40	0.49	258.5	380.6
6	2155	0.058	18.60	70.9 I								
7	2200	0.051	16.35	87.2 I	0.48	0.02	17.0	42.0 I	7.22	0.37	257.0	637.6
8	2205	0.051	15.30	102.5 I								
9	2210	0.038	13.35	115.9 I	0.37	0.01	11.5	53.5 I	3.42	0.13	149.5	787.1
10	2215	0.032	10.50	126.4 I								
11	2220	0.014	6.90	133.3 I	0.30	0.00	5.5	59.0 I	2.64	0.04	50.1	837.1
12	2225	0.010	3.55	136.8 I								
13	2230	0.010	2.91	139.7 I	0.26	0.00	2.0	61.0 I	2.38	0.02	18.0	855.2
14	2235	0.010	2.91	142.6 I								
15	2240	0.010	2.91	145.5 I	0.24	0.00	1.4	62.5 I	2.43	0.02	14.0	869.2
16	2245	0.020	4.45	150.0 I								
17	2250	0.045	9.75	159.7 I	0.19	0.01	3.3	65.8 I	2.00	0.09	34.1	903.2
18	2255	0.076	18.15	177.9 I								
19	2300	0.011	13.05	190.9 I	0.25	0.00	3.5	69.3 I	2.76	0.03	36.1	939.3
20	2305	0.093	15.60	206.5 I								
21	2310	0.067	24.00	230.5 I	0.28	0.02	6.5	75.7 I	2.71	0.18	63.6	1002.9
22	2315	0.058	18.75	249.3 I								
23	2320	0.051	16.35	265.6 I	0.19	0.01	8.5	84.2 I	2.00	0.10	85.1	1088.0
24	2325	0.051	15.30	280.9 I								
25	2330	0.051	15.30	296.2 I	0.16	0.01	5.3	89.5 I	1.62	0.08	55.4	1143.4
26	2335	0.045	14.40	310.6 I								
27	2340	0.045	13.50	324.1 I	0.16	0.01	4.6	94.1 I	1.24	0.06	41.5	1184.9
28	2345	0.045	13.50	337.6 I								
29	2350	0.051	14.40	352.0 I	0.15	0.01	4.4	98.5 I	1.39	0.07	38.0	1222.9
30	2355	0.051	15.30	367.3 I								
31	0	0.058	16.35	383.7 I	0.16	0.01	5.1	103.6 I	1.21	0.07	42.3	1265.2
32	5	0.068	18.87	402.6 I								
33	10	0.058	18.87	421.4 I	0.14	0.01	5.3	108.9 I	1.03	0.06	39.0	1304.2
34	15	0.051	16.35	437.8 I								
35	20	0.045	14.40	452.2 I	0.12	0.01	4.1	113.1 I	0.97	0.04	31.0	1335.2
36	25	0.051	14.40	466.6 I								
37	30	0.085	20.40	487.0 I	0.14	0.01	5.2	118.2 I	1.16	0.10	42.7	1377.9
38	35	0.141	33.90	520.9 I								
39	40	0.151	43.80	564.7 I	0.13	0.02	9.4	127.6 I	1.21	0.18	84.4	1462.3
40	45	0.174	48.75	613.4 I								
41	50	0.174	52.20	665.6 I	0.20	0.03	16.2	143.8 I	1.55	0.27	135.7	1598.0
42	55	0.163	50.55	716.2 I								
43	100	0.151	47.10	763.3 I	0.15	0.02	17.3	161.1 I	1.22	0.18	136.2	1734.2
44	105	0.141	43.80	807.1 I								
45	110	0.102	36.45	843.5 I	0.11	0.01	10.4	171.5 I	0.90	0.09	82.8	1817.0
46	115	0.076	26.70	870.2 I								
47	120	0.067	21.45	891.7 I	0.05	0.00	4.5	176.0 I	0.64	0.04	40.4	1857.4
48	125	0.067	20.10	911.8 I								
49	130	0.076	21.45	933.2 I	0.12	0.01	3.7	179.7 I	1.03	0.08	36.3	1893.7
50	150	0.051	76.20	1009.4 I								

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T-P

TKN

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
51	210	0.290	204.60	1214.0 I	0.18	0.05	71.4	251.1 I	1.68	0.49	678.6	2572.3
52	215	0.493	117.45	1331.5 I								
53	220	0.558	157.65	1489.1 I	0.30	0.17	65.6	316.7 I	3.09	1.72	663.4	3235.7
54	225	0.561	167.85	1657.0 I								
55	230	0.521	162.30	1819.3 I	0.18	0.09	77.7	394.5 I	1.68	0.88	779.8	4015.6
56	240	0.644	349.50	2168.8 I								
57	250	0.688	399.60	2568.4 I	0.09	0.05	91.9	486.3 I	0.62	0.43	781.1	4796.7
58	300	0.389	323.10	2891.5 I								
59	320	0.278	400.20	3291.7 I	0.08	0.02	75.7	562.1 I	0.70	0.19	559.0	5355.7
60	340	0.185	277.80	3569.5 I								
61	400	0.230	249.00	3818.5 I	0.08	0.02	48.2	610.3 I	0.52	0.12	377.0	5732.8
62	420	0.141	222.60	4041.1 I								
63	450	0.076	195.30	4236.4 I	0.16	0.01	45.1	655.4 I	0.91	0.07	283.1	6015.9
64	520	0.051	114.30	4350.7 I								
65	550	0.032	74.70	4425.4 I	0.08	0.00	26.5	681.9 I	0.62	0.02	160.2	6176.1
66	650	0.076	194.40	4619.8 I								
67	750	0.093	304.20	4924.0 I	0.10	0.01	42.0	723.9 I	0.70	0.07	305.8	6481.9
68	850	0.026	214.20	5138.2 I								
69	950	0.020	82.80	5221.0 I	0.14	0.00	43.1	767.0 I	1.34	0.03	330.8	6812.7
70	1050	0.002	38.70	5259.7 I								

HANAKUMA

KUBE

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NO.	TIME	FLOW (M3/S)	TWFLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CO (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	2130	0.006	0.0	0.0	6.80	35000.	0.12	0.02	0.00	0.01	0.01	0.04
2	2135	0.020	3.96	4.0			0.19	0.03	0.00	0.01	0.02	0.04
3	2140	0.051	10.65	14.6	9.70	21000.	1.25	0.08	0.00	0.01	0.02	0.13
4	2145	0.067	17.70	32.3			2.80	0.18	0.00	0.02	0.03	0.32
5	2150	0.066	19.95	52.3	6.50	4700.	4.20	0.46	0.01	0.03	0.05	0.54
6	2155	0.058	18.60	70.9			4.05	0.50	0.01	0.04	0.06	0.55
7	2200	0.051	16.35	87.2	4.20	2800.	3.80	0.54	0.01	0.04	0.06	0.56
8	2205	0.051	15.30	102.5			2.50	0.32	0.01	0.03	0.04	0.34
9	2210	0.038	13.35	115.9	3.70	1300.	1.27	0.25	0.00	0.02	0.03	0.27
10	2215	0.032	10.50	126.4			0.88	0.13	0.00	0.01	0.03	0.12
11	2220	0.014	6.90	133.3	3.50	5200.	0.73	0.07	0.00	0.00	0.02	0.06
12	2225	0.010	3.55	136.8			0.48	0.05	0.00	0.00	0.01	0.05
13	2230	0.010	2.91	139.7	0.40	6400.	0.14	0.03	0.00	0.00	0.01	0.03
14	2235	0.010	2.91	142.6			0.15	0.04	0.00	0.00	0.01	0.04
15	2240	0.010	2.91	145.5	0.40	6300.	0.17	0.04	0.00	0.00	0.01	0.05
16	2245	0.020	4.45	150.0			0.18	0.03	0.00	0.00	0.01	0.06
17	2250	0.045	9.75	159.7	0.20	2300.	0.21	0.03	0.00	0.00	0.01	0.07
18	2255	0.076	18.15	177.9			3.28	0.61	0.01	0.05	0.04	0.78
19	2300	0.011	13.05	190.9	3.90	2200.	4.80	0.90	0.02	0.08	0.09	1.07
20	2305	0.093	15.60	206.5			2.54	0.55	0.01	0.06	0.07	0.65
21	2310	0.067	24.00	230.5	4.10	2500.	1.92	0.43	0.01	0.03	0.04	0.45
22	2315	0.058	18.75	249.3			1.27	0.23	0.00	0.02	0.02	0.19
23	2320	0.051	16.35	265.6	2.60	2500.	0.20	0.04	0.00	0.00	0.01	0.05
24	2325	0.051	15.30	280.9			0.20	0.04	0.00	0.00	0.01	0.05
25	2330	0.051	15.30	296.2	0.90	3100.	0.19	0.04	0.00	0.00	0.01	0.05
26	2335	0.045	14.40	310.6			0.19	0.04	0.00	0.00	0.01	0.05
27	2340	0.045	13.50	324.1	0.80	4100.	0.16	0.04	0.00	0.00	0.01	0.04
28	2345	0.045	13.50	337.6			0.16	0.03	0.00	0.00	0.01	0.04
29	2350	0.051	14.40	352.0	0.70	2900.	0.16	0.03	0.00	0.00	0.01	0.04
30	2355	0.051	15.30	367.3			0.16	0.03	0.00	0.00	0.01	0.04
31	0	0.058	16.35	383.7	0.80	2600.	0.16	0.03	0.00	0.00	0.01	0.04
32	5	0.068	18.87	402.6			0.17	0.03	0.00	0.00	0.01	0.04
33	10	0.058	18.87	421.4	0.40	1500.	0.18	0.04	0.00	0.00	0.01	0.04
34	15	0.051	16.35	437.8			0.16	0.03	0.00	0.00	0.01	0.04
35	20	0.045	14.40	452.2	0.50	1800.	0.13	0.03	0.00	0.00	0.01	0.04
36	25	0.051	14.40	466.6			0.39	0.03	0.00	0.00	0.01	0.04
37	30	0.085	20.40	487.0	1.20	4000.	0.41	0.03	0.00	0.00	0.01	0.05
38	35	0.141	33.90	520.9			0.50	0.05	0.00	0.00	0.01	0.06
39	40	0.151	43.80	564.7	2.60	3100.	0.58	0.06	0.00	0.01	0.01	0.08
40	45	0.174	48.75	613.4			0.63	0.08	0.00	0.01	0.02	0.11
41	50	0.174	52.20	665.6	6.30	3100.	0.71	0.09	0.00	0.01	0.02	0.16
42	55	0.163	50.55	716.2			0.84	0.13	0.00	0.02	0.02	0.23
43	100	0.151	47.10	763.3	3.70	2300.	0.96	0.21	0.00	0.02	0.03	0.26
44	105	0.141	43.80	807.1			0.38	0.17	0.00	0.02	0.02	0.13
45	110	0.102	36.45	843.5	1.80	4100.	0.16	0.03	0.00	0.00	0.01	0.04
46	115	0.076	26.70	870.2			0.16	0.03	0.00	0.00	0.01	0.04
47	120	0.067	21.45	891.7	0.60	2900.	0.16	0.03	0.00	0.00	0.01	0.04
48	125	0.067	20.10	911.8			0.14	0.03	0.00	0.00	0.01	0.03
49	130	0.076	21.45	933.2	0.20	1600.	0.13	0.02	0.00	0.00	0.01	0.03
50	150	0.051	76.20	1009.4			0.26	0.03	0.00	0.00	0.01	0.06

HANAKUMA

KOBÉ

AME

NO.2

491001

0

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
51	210	0.290	204.60	1214.0	4.30	6800.	0.46	0.06	0.00	0.01	0.01	0.10
52	215	0.493	117.45	1331.5			2.84	0.33	0.00	0.03	0.06	0.43
53	220	0.558	157.65	1489.1	4.20	2300.	4.20	0.76	0.01	0.09	0.10	1.20
54	225	0.561	167.85	1657.0			1.83	0.58	0.01	0.05	0.06	0.73
55	230	0.521	162.30	1819.3	2.70	4100.	1.54	0.34	0.00	0.04	0.04	0.48
56	240	0.644	349.50	2168.8			1.06	0.18	0.00	0.03	0.03	0.21
57	250	0.688	399.60	2568.4	2.10	2100.	0.23	0.04	0.00	0.01	0.01	0.07
58	300	0.389	323.10	2891.5			0.19	0.03	0.00	0.00	0.01	0.06
59	320	0.278	400.20	3291.7	2.00	2100.	0.12	0.02	0.00	0.00	0.01	0.04
60	340	0.185	277.80	3569.5			0.12	0.02	0.00	0.00	0.01	0.03
61	400	0.230	249.00	3818.5	1.70	2700.	0.09	0.02	0.00	0.00	0.01	0.02
62	420	0.141	222.60	4041.1			0.10	0.02	0.00	0.00	0.01	0.02
63	450	0.076	195.30	4236.4	1.30	1700.	0.10	0.02	0.00	0.00	0.01	0.02
64	520	0.051	114.30	4350.7			0.08	0.02	0.00	0.00	0.01	0.02
65	550	0.032	74.70	4425.4	0.90	1400.	0.06	0.02	0.00	0.00	0.01	0.01
66	650	0.076	194.40	4619.8			0.06	0.02	0.00	0.00	0.01	0.01
67	750	0.093	304.20	4924.0	2.20	1300.	0.06	0.02	0.00	0.00	0.01	0.01
68	850	0.026	214.20	5138.2			0.07	0.02	0.00	0.00	0.01	0.01
69	950	0.020	82.80	5221.0	2.30	2600.	0.10	0.03	0.00	0.00	0.01	0.02
70	1050	0.002	38.70	5259.7			0.07	0.03	0.00	0.00	0.01	0.03

HANAKUMA

KOSE

AME

NO.3

500204

0

BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1800	0.038	0.0	0.0 I	30.20	1.15	0.0	0.0 I	67.00	2.55	0.0	0.0
2	1805	0.076	17.10	17.1 I	60.70	4.61	0.9	0.9 I	390.00	29.64	4.8	4.8
3	1810	0.085	24.15	41.2 I	99.70	8.47	2.0	2.8 I	630.00	53.55	12.5	17.3
4	1815	0.111	29.40	70.6 I	62.70	6.96	2.3	5.1 I	585.00	64.93	17.8	35.1
5	1820	0.151	39.30	109.9 I	63.10	9.53	2.5	7.6 I	595.00	89.85	23.2	58.3
6	1825	0.111	39.30	149.2 I	66.30	7.36	2.5	10.1 I	435.00	48.28	20.7	79.0
7	1830	0.085	29.40	178.6 I	47.30	4.02	1.7	11.9 I	323.00	27.45	11.4	90.4
8	1835	0.058	21.45	200.1 I	31.80	1.84	0.9	12.7 I	200.00	11.60	5.9	96.2
9	1840	0.067	18.75	218.8 I	26.00	1.74	0.5	13.3 I	164.00	10.99	3.4	99.6
10	1845	0.058	18.75	237.6 I	20.90	1.21	0.4	13.7 I	120.00	6.96	2.7	102.3
11	1850	0.058	17.40	255.0 I	17.40	1.01	0.3	14.0 I	101.00	5.86	1.9	104.2
12	1855	0.051	16.35	271.3 I	16.10	0.82	0.3	14.3 I	65.00	3.31	1.4	105.6
13	1900	0.045	14.40	285.7 I	14.90	0.67	0.2	14.5 I	56.00	2.52	0.9	106.5
14	1905	0.045	13.50	299.2 I	15.50	0.70	0.2	14.8 I	48.00	2.16	0.7	107.2
15	1910	0.038	12.45	311.7 I	13.50	0.51	0.2	14.9 I	49.00	1.86	0.6	107.8
16	1915	0.038	11.40	323.1 I	12.20	0.46	0.1	15.1 I	39.00	1.48	0.5	108.3
17	1920	0.038	11.40	334.5 I	11.60	0.44	0.1	15.2 I	25.00	0.95	0.4	108.7
18	1925	0.032	10.50	345.0 I	11.60	0.37	0.1	15.3 I	27.00	0.86	0.3	108.9
19	1930	0.032	9.60	354.6 I	10.30	0.33	0.1	15.4 I	25.00	0.80	0.2	109.2
20	1935	0.026	8.70	363.3 I	10.60	0.28	0.1	15.5 I	27.00	0.70	0.2	109.4

HANAKUMA

KOBE

AME

NO.3

500204

0

COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1800	0.038	0.0	0.0 I	27.40	1.04	0.0	0.0 I				
2	1805	0.076	17.10	17.1 I	71.10	5.40	1.0	1.0 I	65.00	4.94	0.0	0.0
3	1810	0.085	24.15	41.2 I	80.40	6.83	1.8	2.8 I				
4	1815	0.111	29.40	70.6 I	69.10	7.67	2.2	5.0 I	190.00	21.09	7.8	7.8
5	1820	0.151	39.30	109.9 I	71.90	10.86	2.8	7.8 I				
6	1825	0.111	39.30	149.2 I	59.00	6.55	2.6	10.4 I	165.00	18.31	11.8	19.6
7	1830	0.085	29.40	178.6 I	42.30	3.60	1.5	11.9 I				
8	1835	0.058	21.45	200.1 I	32.00	1.86	0.8	12.7 I	100.00	5.80	7.2	26.9
9	1840	0.067	18.75	218.8 I	25.40	1.70	0.5	13.2 I				
10	1845	0.058	18.75	237.6 I	22.40	1.30	0.5	13.7 I	62.00	3.60	2.8	29.7
11	1850	0.058	17.40	255.0 I	17.30	1.00	0.3	14.0 I				
12	1855	0.051	16.35	271.3 I	17.80	0.91	0.3	14.3 I	24.00	1.22	1.4	31.1
13	1900	0.045	14.40	285.7 I	14.70	0.66	0.2	14.6 I				
14	1905	0.045	13.50	299.2 I	14.40	0.65	0.2	14.8 I	17.00	0.76	0.6	31.7
15	1910	0.038	12.45	311.7 I	15.30	0.58	0.2	14.9 I				
16	1915	0.038	11.40	323.1 I	16.00	0.61	0.2	15.1 I	16.00	0.61	0.4	32.1
17	1920	0.038	11.40	334.5 I	13.70	0.52	0.2	15.3 I				
18	1925	0.032	10.50	345.0 I	12.50	0.40	0.1	15.4 I	13.00	0.42	0.3	32.4
19	1930	0.032	9.60	354.6 I	10.00	0.35	0.1	15.5 I				
20	1935	0.026	8.70	363.3 I	11.30	0.29	0.1	15.6 I	12.00	0.31	0.2	32.7

HANAKUMA				KOBE											
AME				NO.3				500204				0			
								T-P				TKN			
NO.	TIME	FLOW (M3/S)	T#FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (G)	SIG(LOAD) (G)			
1	1800	0.038	0.0	0.0 I											
2	1805	0.076	17.10	17.1 I	0.65	0.05	0.0	0.0 I	8.27	0.63	0.0	0.0			
3	1810	0.085	24.15	41.2 I											
4	1815	0.111	29.40	70.6 I	0.65	0.07	36.5	36.5 I	9.12	1.01	492.3	492.3			
5	1820	0.151	39.30	109.9 I											
6	1825	0.111	39.30	149.2 I	0.43	0.05	35.8	72.3 I	8.53	0.95	587.7	1080.0			
7	1830	0.085	29.40	178.6 I											
8	1835	0.058	21.45	200.1 I	0.31	0.02	19.6	91.9 I	4.89	0.28	369.1	1449.1			
9	1840	0.067	18.75	218.8 I											
10	1845	0.058	18.75	237.6 I	0.21	0.01	9.2	101.1 I	4.29	0.25	159.7	1608.9			
11	1850	0.058	17.40	255.0 I											
12	1855	0.051	16.35	271.3 I	0.19	0.01	6.6	107.8 I	3.28	0.17	124.8	1733.7			
13	1900	0.045	14.40	285.7 I											
14	1905	0.045	13.50	299.2 I	0.45	0.02	9.0	116.7 I	5.67	0.26	126.7	1860.4			
15	1910	0.038	12.45	311.7 I											
16	1915	0.038	11.40	323.1 I	0.63	0.02	13.2	129.9 I	5.50	0.21	139.2	1999.7			
17	1920	0.038	11.40	334.5 I											
18	1925	0.032	10.50	345.0 I	0.46	0.01	11.5	141.5 I	4.58	0.15	106.7	2106.3			
19	1930	0.032	9.60	354.6 I											
20	1935	0.026	8.70	363.3 I	0.41	0.01	7.6	149.0 I	3.77	0.10	73.4	2179.7			

HANAKUMA

K08E

AME

NO.3

500204

0

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1800	0.038	0.0	0.0			0.28	0.06	0.00	0.01	0.01	0.04
2	1805	0.076	17.10	17.1	35.50	27000.	1.13	0.23	0.00	0.03	0.02	0.24
3	1810	0.085	24.15	41.2			1.30	0.25	0.00	0.03	0.03	0.33
4	1815	0.111	29.40	70.6	41.80	17000.	1.12	0.20	0.00	0.03	0.03	0.27
5	1820	0.151	39.30	109.9			1.20	0.21	0.00	0.03	0.03	0.29
6	1825	0.111	39.30	149.2	37.20	17000.	0.99	0.20	0.00	0.03	0.03	0.25
7	1830	0.085	29.40	178.6			1.21	0.12	0.00	0.02	0.02	0.18
8	1835	0.058	21.45	200.1	15.50	4300.	0.89	0.09	0.00	0.02	0.02	0.15
9	1840	0.067	18.75	218.8			0.69	0.06	0.00	0.02	0.02	0.10
10	1845	0.058	18.75	237.6	11.50	4500.	0.45	0.06	0.00	0.01	0.01	0.08
11	1850	0.058	17.40	255.0			0.52	0.05	0.00	0.01	0.01	0.07
12	1855	0.051	16.35	271.3	7.60	670.	0.35	0.04	0.00	0.01	0.01	0.10
13	1900	0.045	14.40	285.7			0.34	0.04	0.00	0.01	0.01	0.06
14	1905	0.045	13.50	299.2	6.90	540.	0.39	0.03	0.00	0.01	0.01	0.06
15	1910	0.038	12.45	311.7			0.44	0.03	0.00	0.01	0.01	0.06
16	1915	0.038	11.40	323.1	4.90	270.	0.27	0.03	0.00	0.01	0.01	0.04
17	1920	0.038	11.40	334.5			0.32	0.04	0.00	0.01	0.01	0.04
18	1925	0.032	10.50	345.0	4.00	250.	0.27	0.03	0.00	0.01	0.01	0.04
19	1930	0.032	9.60	354.6			0.21	0.03	0.00	0.01	0.01	0.03
20	1935	0.026	8.70	363.3	4.00	300.	0.24	0.03	0.00	0.01	0.01	0.03

HANAKUMA

KOBE

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	BOD			DENSITY (MG/L)	S80D		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	27.50	0.27	-	-	15.70	0.15	-	-
2	205	0.010	3	3	32.10	0.31	0.09	0.09	-	-	-	-
3	210	0.010	3	6	33.70	0.33	0.10	0.18	15.20	0.15	0.09	0.09
4	215	0.010	3	9	35.10	0.34	0.10	0.28	-	-	-	-
5	220	0.010	3	12	33.30	0.32	0.10	0.38	17.30	0.17	0.09	0.18
6	225	0.014	4	15	38.10	0.53	0.13	0.51	-	-	-	-
7	230	0.020	5	20	40.00	0.80	0.20	0.71	17.90	0.36	0.16	0.34
8	235	0.026	7	27	65.90	1.71	0.38	1.09	-	-	-	-
9	240	0.051	12	39	140.00	7.14	1.33	2.42	17.30	0.88	0.37	0.71
10	245	0.312	54	93	142.00	44.30	7.72	10.13	-	-	-	-
11	250	0.338	97	191	51.90	17.54	9.28	19.41	15.50	5.24	1.84	2.55
12	255	0.246	88	278	40.80	10.04	4.14	23.55	-	-	-	-
13	300	0.146	59	337	24.00	3.50	2.03	25.58	6.75	0.99	1.87	4.42
14	305	0.102	37	374	22.00	2.24	0.86	26.44	-	-	-	-
15	310	0.067	25	400	20.80	1.39	0.55	26.98	6.70	0.45	0.43	4.85
16	315	0.045	17	416	21.50	0.97	0.35	27.34	-	-	-	-
17	320	0.045	13	430	14.70	0.66	0.24	27.58	7.17	0.32	0.23	5.08
18	325	0.038	12	442	13.90	0.53	0.18	27.76	-	-	-	-
19	330	0.032	11	453	11.30	0.36	0.13	27.90	6.45	0.21	0.16	5.24
20	335	0.026	9	462	9.47	0.25	0.09	27.99	-	-	-	-
21	340	0.026	8	469	9.08	0.24	0.07	28.06	5.64	0.15	0.11	5.34
22	345	0.026	8	477	8.66	0.23	0.07	28.13	-	-	-	-
23	350	0.020	7	484	8.61	0.17	0.06	28.19	6.94	0.14	0.09	5.43
24	355	0.014	5	489	8.74	0.12	0.04	28.23	-	-	-	-
25	400	0.014	4	493	8.25	0.12	0.04	28.27	5.91	0.08	0.07	5.50
26	405	0.010	4	497	7.46	0.07	0.03	28.30	-	-	-	-
27	410	0.003	2	499	7.19	0.02	0.01	28.31	6.02	0.02	0.03	5.53

HANAKUMA

KOBE

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	COD		DENSITY (MG/L)	LOAD.T (G/S)	SS	
							LOAD.V (KG)	LOAD.SIG (KG)			LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	21.40	0.21	-	-	31.70	0.31	-	-
2	205	0.010	3	3	26.10	0.25	0.07	0.07	33.00	0.32	0.09	0.09
3	210	0.010	3	6	26.70	0.26	0.08	0.15	34.70	0.34	0.10	0.19
4	215	0.010	3	9	27.80	0.27	0.08	0.23	44.50	0.43	0.12	0.31
5	220	0.010	3	12	30.00	0.29	0.08	0.31	72.00	0.70	0.17	0.48
6	225	0.014	4	15	34.90	0.49	0.12	0.43	122.00	1.71	0.36	0.84
7	230	0.020	5	20	42.80	0.86	0.20	0.63	378.00	7.56	1.39	2.23
8	235	0.026	7	27	60.90	1.58	0.37	0.99	552.00	14.35	3.29	5.52
9	240	0.051	12	39	65.50	3.34	0.74	1.73	808.00	41.21	8.33	13.85
10	245	0.312	54	93	77.10	24.06	4.11	5.84	863.00	269.26	46.57	60.42
11	250	0.338	97	191	56.90	19.23	6.49	12.33	563.00	190.29	68.93	129.35
12	255	0.246	88	278	40.90	10.06	4.39	16.73	328.00	80.69	40.65	170.00
13	300	0.146	59	337	30.30	4.42	2.17	18.90	271.00	39.57	18.04	188.04
14	305	0.102	37	374	24.90	2.54	1.04	19.95	218.00	22.24	9.27	197.31
15	310	0.067	25	400	20.10	1.35	0.58	20.53	157.00	10.52	4.91	202.22
16	315	0.045	17	416	18.70	0.84	0.33	20.86	129.00	5.80	2.45	204.67
17	320	0.045	13	430	16.60	0.75	0.24	21.10	109.00	4.90	1.61	206.28
18	325	0.038	12	442	15.50	0.59	0.20	21.30	98.00	3.72	1.29	207.57
19	330	0.032	11	453	11.70	0.37	0.14	21.44	66.00	2.11	0.88	208.44
20	335	0.026	9	462	10.80	0.28	0.10	21.54	30.70	0.80	0.44	208.88
21	340	0.026	8	469	10.10	0.26	0.08	21.62	28.70	0.75	0.23	209.11
22	345	0.026	8	477	10.30	0.27	0.08	21.70	24.00	0.62	0.21	209.32
23	350	0.020	7	484	10.50	0.21	0.07	21.77	21.80	0.44	0.16	209.48
24	355	0.014	5	489	10.30	0.14	0.05	21.82	22.40	0.31	0.11	209.59
25	400	0.014	4	493	10.30	0.14	0.04	21.87	16.60	0.23	0.08	209.67
26	405	0.010	4	497	10.20	0.10	0.04	21.90	17.60	0.17	0.06	209.73
27	410	0.003	2	499	9.91	0.03	0.02	21.92	10.40	0.04	0.03	209.76

HANAKUMA

KOBÉ

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	VSS		DENSITY (MG/L)	T-P		
							LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	19.70	0.19	-	-	0.47	-	-	-
2	205	0.010	3	3	-	-	-	-	-	-	-	-
3	210	0.010	3	6	17.70	0.17	0.11	0.11	0.50	-	-	-
4	215	0.010	3	9	-	-	-	-	-	-	-	-
5	220	0.010	3	12	38.80	0.38	0.16	0.27	0.56	-	-	-
6	225	0.014	4	15	-	-	-	-	-	-	-	-
7	230	0.020	5	20	89.00	1.78	0.65	0.92	0.42	-	-	-
8	235	0.026	7	27	-	-	-	-	-	-	-	-
9	240	0.051	12	39	226.00	11.53	3.99	4.91	0.38	0.02	-	-
10	245	0.312	54	93	-	-	-	-	-	-	-	-
11	250	0.338	97	191	141.00	47.66	17.76	22.67	0.36	0.12	0.04	0.04
12	255	0.246	88	278	-	-	-	-	-	-	-	-
13	300	0.146	59	337	66.70	9.74	17.22	39.89	0.27	0.04	0.05	0.09
14	305	0.102	37	374	-	-	-	-	-	-	-	-
15	310	0.067	25	400	43.50	2.91	3.80	43.68	0.22	0.02	0.02	0.11
16	315	0.045	17	416	-	-	-	-	-	-	-	-
17	320	0.045	13	430	28.00	1.26	1.25	44.93	0.22	0.01	-	0.11
18	325	0.038	12	442	-	-	-	-	-	-	-	-
19	330	0.032	11	453	16.30	0.52	0.53	45.47	0.13	-	-	0.12
20	335	0.026	9	462	-	-	-	-	-	-	-	-
21	340	0.026	8	469	6.00	0.16	0.20	45.67	0.10	-	-	0.12
22	345	0.026	8	477	-	-	-	-	-	-	-	-
23	350	0.020	7	484	7.10	0.14	0.09	45.76	0.07	-	-	0.12
24	355	0.014	5	489	-	-	-	-	-	-	-	-
25	400	0.014	4	493	5.40	0.08	0.07	45.83	0.05	-	-	0.12
26	405	0.010	4	497	-	-	-	-	-	-	-	-
27	410	0.003	2	499	4.00	0.01	0.03	45.85	0.07	-	-	0.12

MANAKUMA

KOBE

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	K-N			OIL			
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	5.33	0.05	-	-	6.90	0.07	-	-
2	205	0.010	3	3	-	-	-	-	-	-	-	-
3	210	0.010	3	6	5.54	0.05	0.03	0.03	5.80	0.06	0.04	0.04
4	215	0.010	3	9	-	-	-	-	-	-	-	-
5	220	0.010	3	12	6.37	0.06	0.03	0.07	8.40	0.08	0.04	0.08
6	225	0.014	4	15	-	-	-	-	-	-	-	-
7	230	0.020	5	20	7.90	0.16	0.07	0.13	15.80	0.32	0.12	0.20
8	235	0.026	7	27	-	-	-	-	-	-	-	-
9	240	0.051	12	39	18.78	0.96	0.33	0.47	57.90	2.95	0.98	1.18
10	245	0.312	54	93	-	-	-	-	-	-	-	-
11	250	0.338	97	191	8.95	3.03	1.19	1.66	22.60	7.64	3.18	4.36
12	255	0.246	88	278	-	-	-	-	-	-	-	-
13	300	0.146	59	337	5.67	0.83	1.16	2.82	8.40	1.23	2.66	7.02
14	305	0.102	37	374	-	-	-	-	-	-	-	-
15	310	0.067	25	400	5.01	0.34	0.35	3.17	6.10	0.41	0.49	7.51
16	315	0.045	17	416	-	-	-	-	-	-	-	-
17	320	0.045	13	430	4.07	0.18	0.16	3.32	5.60	0.25	0.20	7.70
18	325	0.038	12	442	-	-	-	-	-	-	-	-
19	330	0.032	11	453	4.28	0.14	0.10	3.42	2.40	0.08	0.10	7.80
20	335	0.026	9	462	-	-	-	-	-	-	-	-
21	340	0.026	8	469	4.06	0.11	0.07	3.49	2.50	0.06	0.04	7.85
22	345	0.026	8	477	-	-	-	-	-	-	-	-
23	350	0.020	7	484	4.00	0.08	0.06	3.55	2.10	0.04	0.03	7.88
24	355	0.014	5	489	-	-	-	-	-	-	-	-
25	400	0.014	4	493	3.75	0.05	0.04	3.59	2.40	0.03	0.02	7.90
26	405	0.010	4	497	-	-	-	-	-	-	-	-
27	410	0.003	2	499	4.13	0.01	0.02	3.61	2.80	-	0.01	7.91

HANAKUMA

KOBÉ

AME

NO. 1

50.4.6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	HARD			DENSITY (MG/L)	ZN		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	96.90	0.94	-	-	0.16	-	-	-
2	205	0.010	3	3	-	-	-	-	0.14	-	-	-
3	210	0.010	3	6	102.00	0.99	0.58	0.58	0.15	-	-	-
4	215	0.010	3	9	-	-	-	-	0.18	-	-	-
5	220	0.010	3	12	105.00	1.02	0.60	1.18	0.22	-	-	-
6	225	0.014	4	15	-	-	-	-	0.37	-	-	-
7	230	0.020	5	20	99.10	1.98	0.90	2.08	1.00	0.02	-	-
8	235	0.026	7	27	-	-	-	-	1.30	0.03	-	-
9	240	0.051	12	39	89.80	4.58	1.97	4.05	1.75	0.09	0.02	0.02
10	245	0.312	54	93	-	-	-	-	1.30	0.41	0.07	0.09
11	250	0.338	97	191	61.70	20.85	7.63	11.68	1.35	0.46	0.13	0.22
12	255	0.246	88	278	-	-	-	-	0.96	0.24	0.10	0.33
13	300	0.146	59	337	46.80	6.83	8.31	19.99	0.83	0.12	0.05	0.38
14	305	0.102	37	374	-	-	-	-	0.79	0.08	0.03	0.41
15	310	0.067	25	400	46.60	3.12	2.99	22.97	0.59	0.04	0.02	0.43
16	315	0.045	17	416	-	-	-	-	0.54	0.02	-	0.46
17	320	0.045	13	430	46.80	2.11	1.57	24.54	0.47	0.02	-	0.44
18	325	0.038	12	442	-	-	-	-	0.39	0.02	-	0.45
19	330	0.032	11	453	48.20	1.54	1.09	25.64	0.38	0.01	-	0.45
20	335	0.026	9	462	-	-	-	-	0.18	-	-	0.46
21	340	0.026	8	469	50.80	1.32	0.86	26.49	0.18	-	-	0.46
22	345	0.026	8	477	-	-	-	-	0.15	-	-	0.46
23	350	0.020	7	484	52.80	1.06	0.71	27.21	0.13	-	-	0.46
24	355	0.014	5	489	-	-	-	-	0.14	-	-	0.46
25	400	0.014	4	493	56.50	0.79	0.55	27.76	0.13	-	-	0.46
26	405	0.010	4	497	-	-	-	-	0.11	-	-	0.46
27	410	0.003	2	499	58.50	0.20	0.30	28.06	0.11	-	-	0.46

HANAKUMA

KOBE

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	CU LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	PB LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	0.03	-	-	-	0.04	-	-	-
2	205	0.010	3	3	0.03	-	-	-	0.03	-	-	-
3	210	0.010	3	6	0.04	-	-	-	0.04	-	-	-
4	215	0.010	3	9	0.04	-	-	-	0.05	-	-	-
5	220	0.010	3	12	0.05	-	-	-	0.06	-	-	-
6	225	0.014	4	15	0.08	-	-	-	0.12	-	-	-
7	230	0.020	5	20	0.12	-	-	-	0.26	-	-	-
8	235	0.026	7	27	0.19	-	-	-	0.40	0.01	-	-
9	240	0.051	12	39	0.36	0.02	-	-	0.74	0.04	-	-
10	245	0.312	54	93	0.30	0.09	0.02	0.02	0.50	0.16	0.03	0.03
11	250	0.338	97	191	0.19	0.06	0.02	0.04	0.38	0.13	0.04	0.07
12	255	0.246	88	278	0.09	0.02	0.01	0.05	0.22	0.05	0.03	0.10
13	300	0.146	59	337	0.09	0.01	-	0.06	0.18	0.03	0.01	0.11
14	305	0.102	37	374	0.07	-	-	0.06	0.14	0.01	-	0.12
15	310	0.067	25	400	0.08	-	-	0.06	0.12	-	-	0.12
16	315	0.045	17	416	0.07	-	-	0.06	0.09	-	-	0.12
17	320	0.045	13	430	0.06	-	-	0.07	0.08	-	-	0.12
18	325	0.038	12	442	0.05	-	-	0.07	0.07	-	-	0.12
19	330	0.032	11	453	0.05	-	-	0.07	0.06	-	-	0.13
20	335	0.026	9	462	0.04	-	-	0.07	0.04	-	-	0.13
21	340	0.026	8	469	0.04	-	-	0.07	0.04	-	-	0.13
22	345	0.026	8	477	0.03	-	-	0.07	0.03	-	-	0.13
23	350	0.020	7	484	0.03	-	-	0.07	0.03	-	-	0.13
24	355	0.014	5	489	0.03	-	-	0.07	0.03	-	-	0.13
25	400	0.014	4	493	0.03	-	-	0.07	0.03	-	-	0.13
26	405	0.010	4	497	0.03	-	-	0.07	0.03	-	-	0.13
27	410	0.003	2	499	0.03	-	-	0.07	0.03	-	-	0.13

HANAKUMA

KOBE

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	CR	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	NI	LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	ND	-	-	-	-	0.01	-	-	-	-
2	205	0.010	3	3	ND	-	-	-	-	0.01	-	-	-	-
3	210	0.010	3	6	ND	-	-	-	-	0.01	-	-	-	-
4	215	0.010	3	9	ND	-	-	-	-	0.01	-	-	-	-
5	220	0.010	3	12	0.01	-	-	-	-	0.02	-	-	-	-
6	225	0.014	4	15	0.01	-	-	-	-	0.02	-	-	-	-
7	230	0.020	5	20	0.02	-	-	-	-	0.03	-	-	-	-
8	235	0.026	7	27	0.02	-	-	-	-	0.04	-	-	-	-
9	240	0.051	12	39	0.05	-	-	-	-	0.06	-	-	-	-
10	245	0.312	54	93	0.05	0.01	-	-	-	0.06	0.02	-	-	-
11	250	0.338	97	191	0.03	0.01	-	-	-	0.04	0.01	-	-	-
12	255	0.246	88	278	0.02	-	-	-	-	0.05	0.01	-	-	-
13	300	0.146	59	337	0.02	-	-	-	-	0.03	-	-	-	-
14	305	0.102	37	374	0.01	-	-	-	-	0.06	-	-	-	-
15	310	0.067	25	400	0.01	-	-	-	-	0.02	-	-	-	-
16	315	0.045	17	416	0.01	-	-	-	-	0.02	-	-	-	-
17	320	0.045	13	430	0.01	-	-	-	-	0.01	-	-	-	-
18	325	0.038	12	442	0.01	-	-	-	-	0.01	-	-	-	-
19	330	0.032	11	453	0.01	-	-	-	-	0.01	-	-	-	-
20	335	0.026	9	462	0.01	-	-	-	-	0.01	-	-	-	-
21	340	0.026	8	469	ND	-	-	-	-	0.01	-	-	-	-
22	345	0.026	8	477	ND	-	-	-	-	0.01	-	-	-	-
23	350	0.020	7	484	ND	-	-	-	-	0.01	-	-	-	-
24	355	0.014	5	489	ND	-	-	-	-	0.01	-	-	-	-
25	400	0.014	4	493	ND	-	-	-	-	0.01	-	-	-	-
26	405	0.010	4	497	ND	-	-	-	-	0.01	-	-	-	-
27	410	0.003	2	499	ND	-	-	-	-	0.01	-	-	-	-

HANAKUMA

KOBE

AME

NO. 1

50. 4. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	CD	LOAD.V (KG)	LOAD.SIG (KG)
1	200	0.010	-	-	ND	-	-	-	-
2	205	0.010	3	3	ND	-	-	-	-
3	210	0.010	3	6	ND	-	-	-	-
4	215	0.010	3	9	ND	-	-	-	-
5	220	0.010	3	12	ND	-	-	-	-
6	225	0.014	4	15	ND	-	-	-	-
7	230	0.020	5	20	ND	-	-	-	-
8	235	0.026	7	27	0.01	-	-	-	-
9	240	0.051	12	39	0.01	-	-	-	-
10	245	0.312	54	93	0.01	-	-	-	-
11	250	0.338	97	191	0.01	-	-	-	-
12	255	0.246	88	278	ND	-	-	-	-
13	300	0.146	59	337	ND	-	-	-	-
14	305	0.102	37	374	ND	-	-	-	-
15	310	0.067	25	400	ND	-	-	-	-
16	315	0.045	17	416	ND	-	-	-	-
17	320	0.045	13	430	ND	-	-	-	-
18	325	0.038	12	442	ND	-	-	-	-
19	330	0.032	11	453	ND	-	-	-	-
20	335	0.026	9	462	ND	-	-	-	-
21	340	0.026	8	469	ND	-	-	-	-
22	345	0.026	8	477	ND	-	-	-	-
23	350	0.020	7	484	ND	-	-	-	-
24	355	0.014	5	489	ND	-	-	-	-
25	400	0.014	4	493	ND	-	-	-	-
26	405	0.010	4	497	ND	-	-	-	-
27	410	0.003	2	499	ND	-	-	-	-

HANAKUMA KOBE

AME NO. 2 50.8.6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.Y (M3)	DENSITY (MG/L)	BOD			SBOD			
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	15.70	0.02	-	-	9.46	0.01	-	-
2	1540	0.002	NO	NO	31.60	0.05	0.01	0.01	-	-	-	-
3	1545	0.003	1	1	36.30	0.12	0.03	0.04	11.40	0.04	0.02	0.02
4	1550	0.003	1	2	59.30	0.20	0.05	0.09	-	-	-	-
5	1555	0.006	1	4	309.00	1.98	0.33	0.41	25.00	0.16	0.06	0.08
6	1600	0.010	2	6	288.00	2.79	0.72	1.13	-	-	-	-
7	1605	0.032	6	12	289.00	9.25	1.81	2.93	47.40	1.52	0.50	0.58
8	1610	0.032	10	22	179.00	5.73	2.25	5.18	-	-	-	-
9	1615	0.032	10	32	132.00	4.22	1.49	6.67	43.60	1.40	0.87	1.45
10	1620	0.020	8	39	136.00	2.72	1.04	7.71	-	-	-	-
11	1625	0.020	6	45	119.00	2.38	0.76	8.48	43.90	0.88	0.68	2.13
12	1630	0.014	5	50	76.40	1.07	0.52	9.00	-	-	-	-
13	1635	0.020	5	56	60.60	1.21	0.34	9.34	37.90	0.76	0.49	2.62
14	1640	0.020	6	62	63.20	1.26	0.37	9.71	-	-	-	-
15	1645	0.058	12	73	160.00	9.28	1.58	11.29	25.20	1.46	0.67	3.29
16	1650	0.151	31	105	161.00	24.31	5.04	16.33	-	-	-	-
17	1655	0.312	69	174	90.90	28.36	7.90	24.23	17.90	5.58	2.11	5.40
18	1700	0.338	98	272	42.40	14.33	6.40	30.64	-	-	-	-
19	1705	0.290	94	366	28.20	8.18	3.38	34.01	10.20	2.96	2.56	7.97
20	1710	0.338	94	460	32.10	10.85	2.85	36.87	-	-	-	-
21	1715	0.831	175	635	30.90	25.68	5.48	42.35	8.13	6.76	2.91	10.88
22	1720	0.802	245	880	20.70	16.60	6.34	48.69	-	-	-	-
23	1725	0.521	198	1079	12.50	6.51	3.47	52.15	5.13	2.67	2.83	13.71
24	1730	0.521	156	1235	12.30	6.41	1.94	54.09	-	-	-	-
25	1735	0.414	140	1375	10.30	4.26	1.60	55.69	4.69	1.94	1.38	15.09
26	1740	0.363	117	1492	7.98	2.90	1.07	56.77	-	-	-	-
27	1745	0.312	101	1593	9.71	3.03	0.89	57.66	4.19	1.31	0.97	16.07
28	1750	0.240	83	1676	9.64	2.31	0.80	58.46	-	-	-	-
29	1755	0.163	60	1736	6.87	1.12	0.51	58.97	3.96	0.65	0.59	16.66
30	1800	0.102	40	1776	10.50	1.07	0.33	59.30	-	-	-	-
31	1805	0.067	25	1801	11.00	0.74	0.27	59.57	4.38	0.29	0.28	16.94
32	1810	0.051	18	1819	9.85	0.50	0.19	59.76	-	-	-	-
33	1815	0.051	15	1834	8.00	0.41	0.14	59.89	5.36	0.27	0.17	17.11
34	1820	0.038	13	1848	8.24	0.31	0.11	60.00	-	-	-	-
35	1825	0.032	10	1858	7.11	0.23	0.08	60.08	4.89	0.16	0.13	17.24
36	1830	0.026	9	1867	9.37	0.24	0.07	60.15	-	-	-	-
37	1835	0.014	6	1873	9.01	0.13	0.06	60.21	6.38	0.09	0.07	17.31
38	1840	0.006	3	1876	8.65	0.06	0.03	60.24	-	-	-	-
39	1845	0.003	1	1877	7.83	0.03	0.01	60.25	5.57	0.02	0.03	17.34

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	27.60	0.04	-	-	61.70	0.09	-	-
2	1540	0.002	ND	ND	37.40	0.06	0.01	0.01	-	-	-	-
3	1545	0.003	1	1	43.10	0.15	0.03	0.05	68.80	0.23	0.10	0.10
4	1550	0.003	1	2	76.50	0.26	0.06	0.11	-	-	-	-
5	1555	0.006	1	4	168.00	1.08	0.20	0.31	336.00	2.15	0.72	0.81
6	1600	0.010	2	6	161.00	1.56	0.40	0.70	-	-	-	-
7	1605	0.032	6	12	190.00	6.08	1.15	1.85	352.00	11.26	4.02	4.84
8	1610	0.032	10	22	165.00	5.28	1.70	3.55	-	-	-	-
9	1615	0.032	10	32	136.00	4.35	1.44	5.00	317.00	10.14	6.42	11.26
10	1620	0.020	8	39	115.00	2.30	1.00	5.99	-	-	-	-
11	1625	0.020	6	45	117.00	2.34	0.70	6.69	300.00	6.00	4.84	16.10
12	1630	0.014	5	50	107.00	1.50	0.58	7.27	-	-	-	-
13	1635	0.020	5	56	88.70	1.77	0.49	7.76	227.00	4.54	3.16	19.27
14	1640	0.020	6	62	84.40	1.69	0.52	8.28	-	-	-	-
15	1645	0.058	12	73	146.00	8.47	1.52	9.80	180.00	10.44	4.49	23.76
16	1650	0.151	31	105	135.00	20.38	4.33	14.13	-	-	-	-
17	1655	0.312	69	174	116.00	36.19	8.49	22.61	171.00	53.35	19.14	42.90
18	1700	0.338	98	272	72.50	24.50	9.11	31.72	-	-	-	-
19	1705	0.290	94	366	60.90	17.66	6.32	38.04	90.10	26.13	23.85	66.74
20	1710	0.338	94	460	35.60	12.03	4.45	42.50	-	-	-	-
21	1715	0.831	175	635	33.80	28.09	6.02	48.52	101.00	83.93	33.02	99.76
22	1720	0.802	245	880	32.60	26.15	8.13	56.65	-	-	-	-
23	1725	0.521	198	1079	30.80	16.05	6.33	62.98	48.80	25.42	32.80	132.56
24	1730	0.521	156	1235	31.80	16.57	4.89	67.87	-	-	-	-
25	1735	0.414	140	1375	25.90	10.72	4.09	71.97	49.50	20.49	13.78	146.34
26	1740	0.363	117	1492	23.70	8.60	2.90	74.86	-	-	-	-
27	1745	0.312	101	1593	21.70	6.77	2.31	77.17	41.70	13.01	10.05	156.39
28	1750	0.240	83	1676	21.10	5.06	1.78	78.95	-	-	-	-
29	1755	0.163	60	1736	13.20	2.15	1.08	80.03	29.40	4.79	5.34	161.73
30	1800	0.102	40	1776	13.30	1.36	0.53	80.55	-	-	-	-
31	1805	0.067	25	1801	15.20	1.02	0.36	80.91	37.40	2.51	2.19	163.92
32	1810	0.051	18	1819	16.40	0.84	0.28	81.19	-	-	-	-
33	1815	0.051	15	1834	15.60	0.80	0.24	81.43	31.00	1.58	1.23	165.15
34	1820	0.038	13	1848	14.80	0.56	0.20	81.64	-	-	-	-
35	1825	0.032	10	1858	10.50	0.34	0.13	81.77	29.20	0.93	0.75	165.90
36	1830	0.026	9	1867	14.60	0.38	0.11	81.88	-	-	-	-
37	1835	0.014	6	1873	14.40	0.20	0.09	81.97	31.60	0.44	0.41	166.31
38	1840	0.006	3	1876	14.00	0.09	0.04	82.01	-	-	-	-
39	1845	0.003	1	1877	13.20	0.04	0.02	82.03	25.80	0.09	0.16	166.47

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	15.50	0.02	-	-	85.00	0.13	-	-
2	1540	0.002	ND	ND	-	-	-	-	-	-	-	-
3	1545	0.003	1	1	11.30	0.04	0.02	0.02	87.00	0.30	0.13	0.13
4	1550	0.003	1	2	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	130.50	0.84	0.26	0.28	508.00	3.25	1.06	1.19
6	1600	0.010	2	6	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	68.00	2.18	0.90	1.18	480.00	15.36	5.58	6.77
8	1610	0.032	10	22	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	96.30	3.08	1.58	2.76	505.00	16.16	9.46	16.23
10	1620	0.020	8	39	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	93.10	1.86	1.48	4.24	455.00	9.10	7.58	23.81
12	1630	0.014	5	50	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	65.20	1.30	0.95	5.19	290.00	5.80	4.47	28.28
14	1640	0.020	6	62	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	48.20	2.80	1.23	6.42	304.00	17.63	7.03	35.31
16	1650	0.151	31	105	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	53.30	16.63	5.83	12.25	255.00	79.56	29.16	64.46
18	1700	0.338	98	272	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	26.50	7.69	7.29	19.55	114.00	33.06	33.79	98.25
20	1710	0.338	94	460	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	28.80	23.93	9.49	29.03	138.00	114.68	44.32	142.57
22	1720	0.802	245	880	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	16.50	8.60	9.76	38.79	56.40	29.38	43.22	185.79
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	15.50	6.42	4.50	43.29	72.80	30.14	17.86	203.65
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	17.00	5.30	3.52	46.81	56.80	17.72	14.36	218.01
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	7.90	1.29	1.98	48.79	39.60	6.45	7.25	225.26
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	9.30	0.62	0.57	49.36	49.00	3.28	2.92	228.18
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	5.50	0.28	0.27	49.63	41.60	2.12	1.62	229.80
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	7.00	0.22	0.15	49.78	36.80	1.18	0.99	230.79
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	8.20	0.11	0.10	49.88	38.00	0.53	0.51	231.30
38	1840	0.006	3	1876	-	-	-	-	-	-	-	-
39	1845	0.003	1	1877	7.00	0.02	0.04	49.93	34.40	0.12	0.19	231.50

HANAKUMA

KOBÉ

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	SS			VSS			
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	31.00	0.05	-	-	29.00	0.04	-	-
2	1540	0.002	ND	ND	50.00	0.07	0.02	0.02	-	-	-	-
3	1545	0.003	1	1	50.00	0.17	0.04	0.05	42.40	0.14	0.06	0.06
4	1550	0.003	1	2	120.00	0.41	0.09	0.14	-	-	-	-
5	1555	0.006	1	4	445.00	2.85	0.49	0.63	273.00	1.75	0.57	0.62
6	1600	0.010	2	6	608.00	5.90	1.31	1.94	-	-	-	-
7	1605	0.032	6	12	1180.00	37.76	6.55	8.49	460.00	14.72	4.94	5.56
8	1610	0.032	10	22	316.00	10.11	7.18	15.67	-	-	-	-
9	1615	0.032	10	32	275.00	8.80	2.84	18.51	181.00	5.79	6.15	11.72
10	1620	0.020	8	39	225.00	4.50	1.99	20.50	-	-	-	-
11	1625	0.020	6	45	220.00	4.40	1.33	21.84	133.00	2.66	2.54	14.25
12	1630	0.014	5	50	155.00	2.17	0.99	22.82	-	-	-	-
13	1635	0.020	5	56	136.00	2.72	0.73	23.56	106.00	2.12	1.43	15.69
14	1640	0.020	6	62	122.00	2.44	0.77	24.33	-	-	-	-
15	1645	0.058	12	73	735.00	42.63	6.76	31.09	314.00	18.21	6.10	21.79
16	1650	0.151	31	105	926.00	139.83	27.37	58.46	-	-	-	-
17	1655	0.312	69	174	1.11	0.35	21.02	79.48	312.00	97.34	34.66	56.45
18	1700	0.338	98	272	744.00	251.47	37.78	117.26	-	-	-	-
19	1705	0.290	94	366	489.00	141.81	58.99	176.25	124.00	35.96	39.99	96.44
20	1710	0.338	94	460	361.00	122.02	39.57	215.82	-	-	-	-
21	1715	0.831	175	635	306.00	254.29	56.45	272.27	87.30	72.55	32.55	129.00
22	1720	0.802	245	880	282.00	226.16	72.06	344.34	-	-	-	-
23	1725	0.521	198	1079	146.00	76.07	45.33	389.67	41.70	21.73	28.28	157.28
24	1730	0.521	156	1235	118.00	61.48	20.63	410.30	-	-	-	-
25	1735	0.414	140	1375	131.00	54.23	17.36	427.66	45.70	18.92	12.19	169.47
26	1740	0.363	117	1492	107.00	38.84	13.96	441.62	-	-	-	-
27	1745	0.312	101	1593	81.00	25.27	9.62	451.24	27.50	8.58	8.25	177.72
28	1750	0.240	83	1676	62.00	14.88	6.02	457.26	-	-	-	-
29	1755	0.163	60	1736	53.30	8.69	3.53	460.79	23.00	3.75	3.70	181.42
30	1800	0.102	40	1776	55.50	5.66	2.15	462.95	-	-	-	-
31	1805	0.067	25	1801	43.00	2.88	1.28	464.23	17.50	1.17	1.48	182.90
32	1810	0.051	18	1819	40.00	2.04	0.74	464.96	-	-	-	-
33	1815	0.051	15	1834	44.80	2.28	0.65	465.61	21.00	1.07	0.67	183.57
34	1820	0.038	13	1848	30.00	1.14	0.51	466.13	-	-	-	-
35	1825	0.032	10	1858	22.80	0.73	0.28	466.41	11.00	0.35	0.43	184.00
36	1830	0.026	9	1867	21.50	0.56	0.19	466.60	-	-	-	-
37	1835	0.014	6	1873	21.80	0.31	0.13	466.73	11.60	0.16	0.15	184.15
38	1840	0.006	3	1876	16.50	0.11	0.06	466.79	-	-	-	-
39	1845	0.003	1	1877	15.00	0.05	0.02	466.81	9.30	0.03	0.06	184.21

HANAKUMA

KOBÉ

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	RESI			DENSITY (MG/L)	VOLA		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	292.00	0.44	-	-	80.00	0.12	-	-
2	1540	0.002	NO	NO	-	-	-	-	-	-	-	-
3	1545	0.003	1	1	302.00	1.03	0.44	0.44	103.00	0.35	0.14	0.14
4	1550	0.003	1	2	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	687.00	4.40	1.63	2.07	346.00	2.21	0.77	0.91
6	1600	0.010	2	6	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	1510.00	48.32	15.81	17.88	697.00	22.30	7.36	8.27
8	1610	0.032	10	22	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	740.00	23.68	21.60	39.48	318.00	10.18	9.74	18.01
10	1620	0.020	8	39	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	650.00	13.00	11.00	50.49	275.00	5.50	4.70	22.71
12	1630	0.014	5	50	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	470.00	9.40	6.72	57.21	199.00	3.98	2.84	25.56
14	1640	0.020	6	62	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	1040.00	60.32	20.92	78.12	444.00	25.75	8.92	34.48
16	1650	0.151	31	105	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	1480.00	461.76	156.61	234.74	468.00	146.02	51.53	86.00
18	1700	0.338	98	272	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	727.00	210.83	201.78	436.52	279.00	80.91	68.08	154.08
20	1710	0.338	94	460	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	585.00	486.13	209.10	645.61	167.00	138.78	65.91	219.99
22	1720	0.802	245	880	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	215.00	112.01	179.43	825.05	64.50	33.60	51.71	271.70
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	196.00	81.14	57.95	883.00	69.00	28.57	18.65	290.35
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	190.00	59.28	42.13	925.13	54.50	17.00	13.67	304.03
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	139.00	22.66	24.58	949.71	48.50	7.91	7.47	311.50
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	119.00	7.97	9.19	958.90	40.50	2.71	3.19	314.68
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	133.00	6.78	4.43	963.32	50.50	2.58	1.59	316.27
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	127.00	4.06	3.25	966.58	46.00	1.47	1.21	317.48
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	137.00	1.92	1.79	968.37	53.00	0.74	0.66	318.15
38	1840	0.006	3	1876	-	-	-	-	-	-	-	-
39	1845	0.003	1	1877	139.00	0.47	0.72	969.09	46.00	0.16	0.27	318.42

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	T-P			DENSITY (MG/L)	ABS		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	0.63	-	-	-	4.50	-	-	-
2	1540	0.002	ND	ND	-	-	-	-	-	-	-	-
3	1545	0.003	1	1	1.02	-	-	-	3.90	0.01	-	-
4	1550	0.003	1	2	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	1.45	-	-	-	5.20	0.03	0.01	0.01
6	1600	0.010	2	6	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	1.37	0.04	0.02	0.02	5.80	0.19	0.07	0.08
8	1610	0.032	10	22	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	0.52	0.02	0.02	0.03	5.20	0.17	0.11	0.19
10	1620	0.020	8	39	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	0.40	-	-	0.04	3.40	0.07	0.07	0.26
12	1630	0.014	5	50	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	0.30	-	-	0.05	3.10	0.06	0.04	0.29
14	1640	0.020	6	62	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	0.93	0.05	0.02	0.06	3.00	0.17	0.07	0.37
16	1650	0.151	31	105	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	0.55	0.17	0.07	0.13	3.00	0.94	0.33	0.70
18	1700	0.338	98	272	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	0.19	0.06	0.07	0.20	1.20	0.35	0.39	1.08
20	1710	0.338	94	460	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	0.14	0.12	0.05	0.25	1.40	1.16	0.45	1.54
22	1720	0.802	245	880	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	0.19	0.10	0.07	0.32	0.60	0.31	0.44	1.98
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	0.15	0.06	0.05	0.37	0.80	0.33	0.19	2.17
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	0.20	0.06	0.04	0.41	0.90	0.28	0.18	2.36
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	0.10	0.02	0.02	0.43	0.40	0.07	0.10	2.46
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	0.09	-	-	0.44	0.90	0.06	0.04	2.50
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	0.14	-	-	0.44	0.70	0.04	0.03	2.53
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	0.32	0.01	-	0.44	0.80	0.03	0.02	2.55
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	0.45	-	-	0.45	1.30	0.02	0.01	2.56
38	1840	0.006	3	1876	-	-	-	-	-	-	-	-
39	1845	0.003	1	1877	0.34	-	-	0.45	1.20	-	-	2.56

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	4.92	-	-	-	0.03	-	-	-
2	1540	0.002	ND	ND	-	-	-	-	-	-	-	-
3	1545	0.003	1	1	4.53	0.02	-	-	0.36	-	-	-
4	1550	0.003	1	2	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	25.50	0.16	0.05	0.05	0.03	-	-	-
6	1600	0.010	2	6	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	25.90	0.83	0.30	0.35	0.03	-	-	-
8	1610	0.032	10	22	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	15.00	0.48	0.39	0.74	0.05	-	-	-
10	1620	0.020	8	39	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	13.30	0.27	0.22	0.97	0.06	-	-	-
12	1630	0.014	5	50	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	10.20	0.20	0.14	1.11	0.05	-	-	-
14	1640	0.020	6	62	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	17.00	0.99	0.36	1.47	0.05	-	-	-
16	1650	0.151	31	105	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	13.30	4.15	1.54	3.01	0.21	0.07	0.02	0.02
18	1700	0.338	98	272	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	3.87	1.12	1.58	4.59	0.16	0.05	0.03	0.05
20	1710	0.338	94	460	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	4.62	3.84	1.49	6.08	0.09	0.07	0.04	0.09
22	1720	0.802	245	880	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	3.36	1.75	1.68	7.75	0.08	0.04	0.03	0.13
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	3.08	1.28	0.91	8.66	0.09	0.04	0.02	0.15
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	2.61	0.81	0.63	9.29	0.10	0.03	0.02	0.17
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	2.44	0.40	0.36	9.65	0.09	0.01	0.01	0.18
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	2.18	0.15	0.16	9.81	0.12	-	-	0.19
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	2.29	0.12	0.08	9.89	0.13	-	-	0.19
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	1.70	0.05	0.05	9.94	0.14	-	-	0.20
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	1.85	0.03	0.02	9.97	0.15	-	-	0.20
38	1840	0.006	3	1876	-	-	-	-	-	-	-	-
39	1845	0.003	1	1877	1.73	-	-	9.98	0.15	-	-	0.20

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	-	-	-	-	-	-	-	-
2	1540	0.002	ND	ND	0.10	-	-	-	38.60	0.06	-	-
3	1545	0.003	1	1	0.16	-	-	-	39.30	0.13	0.06	0.06
4	1550	0.003	1	2	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	0.19	-	-	-	46.70	0.30	0.13	0.19
6	1600	0.010	2	6	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	0.59	0.02	-	-	46.30	1.48	0.53	0.72
8	1610	0.032	10	22	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	0.29	-	-	-	60.90	1.95	1.03	1.75
10	1620	0.020	8	39	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	0.10	-	-	-	52.70	1.05	0.90	2.65
12	1630	0.014	5	50	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	0.09	-	-	-	43.40	0.87	0.58	3.23
14	1640	0.020	6	62	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	0.10	-	-	-	32.40	1.88	0.82	4.05
16	1650	0.151	31	105	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	0.27	0.08	0.03	0.03	15.10	4.71	1.98	6.03
18	1700	0.338	98	272	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	0.56	0.16	0.07	0.10	9.90	2.87	2.27	8.30
20	1710	0.338	94	460	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	0.47	0.39	0.17	0.27	9.50	7.89	3.23	11.53
22	1720	0.802	245	880	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	0.49	0.26	0.19	0.46	7.60	3.96	3.56	15.09
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	0.44	0.18	0.13	0.59	7.90	3.27	2.17	17.26
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	0.40	0.12	0.09	0.68	6.80	2.12	1.62	18.88
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	0.23	0.04	0.05	0.73	6.80	1.11	0.97	19.85
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	0.15	0.01	0.01	0.75	9.10	0.61	0.52	20.36
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	0.20	0.01	-	0.75	9.70	0.49	0.33	20.69
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	0.24	-	-	0.76	12.00	0.38	0.26	20.96
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	0.49	-	-	0.76	14.70	0.21	0.18	21.13
38	1840	0.006	3	1876	-	-	-	-	-	-	-	-
39	1845	0.003	1	1877	1.39	-	-	0.77	14.30	0.05	0.08	21.21

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	ZN LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	CU LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	0.16	-	-	-	0.03	-	-	-
2	1540	0.002	ND	ND	-	-	-	-	-	-	-	-
3	1545	0.003	1	1	0.39	-	-	-	0.06	-	-	-
4	1550	0.003	1	2	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	1.55	-	-	-	1.07	-	-	-
6	1600	0.010	2	6	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	1.80	0.06	0.02	0.02	1.93	0.06	0.02	0.02
8	1610	0.032	10	22	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	0.70	0.02	0.02	0.04	1.44	0.05	0.03	0.05
10	1620	0.020	8	39	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	0.71	0.01	0.01	0.06	0.33	-	0.02	0.07
12	1630	0.014	5	50	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	0.48	-	-	0.06	0.16	-	-	0.07
14	1640	0.020	6	62	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	1.30	0.08	0.03	0.09	1.09	0.06	0.02	0.09
16	1650	0.151	31	105	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	1.30	0.41	0.14	0.23	0.73	0.23	0.09	0.18
18	1700	0.338	98	272	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	1.20	0.35	0.23	0.46	0.57	0.17	0.12	0.30
20	1710	0.338	94	460	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	0.69	0.57	0.28	0.73	0.22	0.18	0.10	0.40
22	1720	0.802	245	880	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	0.46	0.24	0.24	0.98	0.15	0.08	0.08	0.48
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	0.31	0.13	0.11	1.09	0.10	0.04	0.04	0.52
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	0.54	0.17	0.09	1.18	0.10	0.03	0.02	0.54
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	0.15	0.02	0.06	1.24	0.07	0.01	0.01	0.55
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	0.13	-	-	1.25	0.05	-	-	0.56
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	0.10	-	-	1.25	0.04	-	-	0.56
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	0.08	-	-	1.25	0.03	-	-	0.56
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	0.07	-	-	1.25	0.03	-	-	0.56
38	1840	0.006	3	1876	-	-	-	-	ND	-	-	0.56
39	1845	0.003	1	1877	0.06	-	-	1.25	0.03	-	-	0.56

HANAKUMA

KOBE

AME

NO. 2

50. 8. 6

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	PB	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	NI	LOAD.V (KG)	LOAD.SIG (KG)
1	1535	0.002	-	-	0.03	-	-	-	-	0.01	-	-	-	-
2	1540	0.002	ND	ND	-	-	-	-	-	-	-	-	-	-
3	1545	0.003	1	1	0.04	-	-	-	-	0.01	-	-	-	-
4	1550	0.003	1	2	-	-	-	-	-	-	-	-	-	-
5	1555	0.006	1	4	0.29	-	-	-	-	0.04	-	-	-	-
6	1600	0.010	2	6	-	-	-	-	-	-	-	-	-	-
7	1605	0.032	6	12	0.37	0.01	-	-	-	0.05	-	-	-	-
8	1610	0.032	10	22	-	-	-	-	-	-	-	-	-	-
9	1615	0.032	10	32	0.25	-	-	-	-	0.04	-	-	-	-
10	1620	0.020	8	39	-	-	-	-	-	-	-	-	-	-
11	1625	0.020	6	45	0.14	-	-	-	-	0.04	-	-	-	-
12	1630	0.014	5	50	-	-	-	-	-	-	-	-	-	-
13	1635	0.020	5	56	0.09	-	-	-	-	0.03	-	-	-	-
14	1640	0.020	6	62	-	-	-	-	-	-	-	-	-	-
15	1645	0.058	12	73	0.36	0.02	-	-	-	0.05	-	-	-	-
16	1650	0.151	31	105	-	-	-	-	-	-	-	-	-	-
17	1655	0.312	69	174	0.55	0.17	-	0.06	0.06	0.07	0.02	-	-	-
18	1700	0.338	98	272	-	-	-	-	-	-	-	-	-	-
19	1705	0.290	94	366	0.48	0.14	-	0.09	0.15	0.05	0.01	0.01	0.01	0.01
20	1710	0.338	94	460	-	-	-	-	-	-	-	-	-	-
21	1715	0.831	175	635	0.18	0.15	-	0.09	0.24	0.02	0.02	0.01	0.01	0.02
22	1720	0.802	245	880	-	-	-	-	-	-	-	-	-	-
23	1725	0.521	198	1079	0.13	0.07	-	0.06	0.30	0.02	0.01	-	-	0.03
24	1730	0.521	156	1235	-	-	-	-	-	-	-	-	-	-
25	1735	0.414	140	1375	0.13	0.05	-	0.04	0.34	0.02	-	-	-	0.04
26	1740	0.363	117	1492	-	-	-	-	-	-	-	-	-	-
27	1745	0.312	101	1593	0.08	0.02	-	0.02	0.36	0.01	-	-	-	0.04
28	1750	0.240	83	1676	-	-	-	-	-	-	-	-	-	-
29	1755	0.163	60	1736	0.05	-	-	-	0.37	0.01	-	-	-	0.04
30	1800	0.102	40	1776	-	-	-	-	-	-	-	-	-	-
31	1805	0.067	25	1801	0.03	-	-	-	0.37	0.01	-	-	-	0.04
32	1810	0.051	18	1819	-	-	-	-	-	-	-	-	-	-
33	1815	0.051	15	1834	0.02	-	-	-	0.37	ND	-	-	-	0.04
34	1820	0.038	13	1848	-	-	-	-	-	-	-	-	-	-
35	1825	0.032	10	1858	0.03	-	-	-	0.38	ND	-	-	-	0.04
36	1830	0.026	9	1867	-	-	-	-	-	-	-	-	-	-
37	1835	0.014	6	1873	0.02	-	-	-	0.38	ND	-	-	-	0.04
38	1840	0.006	3	1876	-	-	-	-	-	-	-	-	-	-
39	1845	0.003	1	1877	0.02	-	-	-	0.38	ND	-	-	-	0.04

HANAKUMA

KORE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME		DENSITY (MG/L)	SUD			SBOD			
			(M3)	VOLUME.T (M3)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	14.20	2.53	-	-	12.50	2.22	-	-
2	1340	0.587	115	115	72.00	42.26	6.72	6.72	-	-	-	-
3	1345	0.882	220	335	35.10	30.96	10.98	17.70	8.58	7.57	2.94	2.94
4	1350	0.746	252	587	21.40	17.03	7.20	24.90	-	-	-	-
5	1355	0.473	190	777	20.20	9.55	3.99	28.89	6.92	3.27	3.25	6.19
6	1400	0.282	113	890	19.20	5.41	2.25	31.13	-	-	-	-
7	1405	0.218	75	965	18.60	4.05	1.42	32.56	6.38	1.39	1.40	7.59
8	1410	0.142	54	1019	17.40	2.47	0.98	33.53	-	-	-	-
9	1415	0.101	36	1056	16.30	1.65	0.62	34.15	6.69	0.68	0.62	8.21
10	1420	0.074	26	1082	15.10	1.12	0.41	34.57	-	-	-	-
11	1425	0.053	19	1101	16.30	0.86	0.30	34.86	5.91	0.31	0.30	8.51
12	1430	0.042	14	1115	16.00	0.67	0.23	35.09	-	-	-	-
13	1435	0.036	12	1127	12.80	0.46	0.17	35.26	6.66	0.24	0.17	8.67
14	1440	0.030	10	1137	14.00	0.42	0.13	35.40	-	-	-	-
15	1445	0.024	8	1145	14.90	0.36	0.12	35.51	6.95	0.17	0.12	8.79
16	1450	0.020	7	1152	12.50	0.25	0.09	35.60	-	-	-	-
17	1455	0.020	6	1158	13.90	0.28	0.08	35.68	8.03	0.16	0.10	8.89
18	1500	0.018	6	1163	14.20	0.26	0.08	35.76	-	-	-	-
19	1505	0.014	5	1168	13.30	0.19	0.07	35.83	8.11	0.11	0.08	8.97
20	1510	0.014	4	1172	12.70	0.18	0.05	35.88	-	-	-	-
21	1515	0.014	4	1177	13.20	0.18	0.05	35.94	8.27	0.12	0.07	9.04
22	1520	0.012	4	1180	14.60	0.18	0.05	35.99	-	-	-	-
23	1525	0.010	3	1184	14.80	0.14	0.05	36.04	9.31	0.09	0.06	9.10

HANAKUMA

KOHE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	COD			CODC			
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	18.10	3.22	-	-	24.90	4.43	-	-
2	1340	0.587	115	115	73.50	43.14	6.95	6.95	-	-	-	-
3	1345	0.882	220	335	43.80	38.63	12.27	19.22	69.30	61.12	19.67	19.67
4	1350	0.796	252	587	40.10	31.92	10.58	29.80	-	-	-	-
5	1355	0.473	190	777	31.10	14.71	5.99	36.80	55.20	26.11	26.17	45.84
6	1400	0.282	113	890	32.10	9.05	3.56	40.36	-	-	-	-
7	1405	0.218	75	965	28.40	6.19	2.29	42.65	40.80	8.89	10.50	56.34
8	1410	0.142	54	1019	27.90	3.96	1.52	44.17	-	-	-	-
9	1415	0.101	36	1056	29.50	2.98	1.04	45.21	44.00	4.44	4.00	60.34
10	1420	0.074	26	1082	25.50	1.89	0.73	45.94	-	-	-	-
11	1425	0.053	19	1101	25.60	1.36	0.49	46.43	50.20	2.66	2.13	62.47
12	1430	0.042	14	1115	24.30	1.02	0.36	46.79	-	-	-	-
13	1435	0.036	12	1127	21.20	0.76	0.27	47.05	38.00	1.37	1.21	63.68
14	1440	0.030	10	1137	22.40	0.67	0.22	47.27	-	-	-	-
15	1445	0.024	8	1145	20.80	0.50	0.18	47.45	28.60	0.69	0.62	64.29
16	1450	0.020	7	1152	17.50	0.35	0.13	47.57	-	-	-	-
17	1455	0.020	6	1158	19.60	0.39	0.11	47.68	37.10	0.74	0.43	64.72
18	1500	0.018	6	1163	20.30	0.37	0.11	47.80	-	-	-	-
19	1505	0.014	5	1168	19.60	0.27	0.10	47.89	34.60	0.48	0.37	65.09
20	1510	0.014	4	1172	18.20	0.25	0.08	47.97	-	-	-	-
21	1515	0.014	4	1177	19.60	0.27	0.08	48.05	36.30	0.51	0.30	65.39
22	1520	0.012	4	1180	18.60	0.22	0.07	48.13	-	-	-	-
23	1525	0.010	3	1184	19.70	0.19	0.06	48.19	34.10	0.33	0.25	65.64

HANAKUMA					KORE							
					AME		NO. 3		50. 9. 8			
NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	TOC			DENSITY (MG/L)	TOD		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	7.60	1.35	-	-	34.00	6.05	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	37.10	32.72	10.22	10.22	87.00	76.73	24.84	24.84
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	21.80	10.31	12.91	23.13	73.00	34.53	33.38	58.21
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	16.50	3.60	4.17	27.31	62.50	13.62	14.45	72.66
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	22.60	2.28	1.76	29.07	65.50	6.62	6.07	78.73
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	25.40	1.35	1.09	30.16	92.00	4.88	3.45	82.18
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	15.70	0.57	0.57	30.73	58.00	2.09	2.09	84.27
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	14.90	0.36	0.28	31.01	44.50	1.07	0.95	85.22
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	14.40	0.29	0.19	31.20	46.50	0.93	0.60	85.82
18	1500	0.018	6	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	15.80	0.22	0.15	31.35	50.00	0.70	0.49	86.30
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	15.40	0.22	0.13	31.49	46.50	0.65	0.41	86.71
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	17.20	0.17	0.11	31.60	51.00	0.49	0.34	87.05

HANAKUMA

KOHE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	SS		DENSITY (MG/L)	VSS		
							LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	38.20	6.80	-	-	14.20	2.53	-	-
2	1340	0.587	115	115	715.00	419.70	63.98	63.98	-	-	-	-
3	1345	0.882	220	335	475.00	418.95	125.80	189.77	101.00	89.08	27.48	27.48
4	1350	0.796	252	587	287.00	228.45	97.11	286.88	-	-	-	-
5	1355	0.473	190	777	282.00	133.39	54.28	341.16	63.30	29.94	35.71	63.19
6	1400	0.282	113	890	249.00	70.22	30.54	371.70	-	-	-	-
7	1405	0.218	75	965	167.00	36.41	15.99	387.69	49.00	10.68	12.19	75.38
8	1410	0.142	54	1019	161.00	22.86	8.89	396.58	-	-	-	-
9	1415	0.101	36	1056	128.00	12.93	5.37	401.95	47.00	4.75	4.63	80.01
10	1420	0.074	26	1082	113.00	8.36	3.19	405.15	-	-	-	-
11	1425	0.053	19	1101	110.00	5.83	2.13	407.27	46.50	2.46	2.16	82.17
12	1430	0.042	14	1115	79.00	3.32	1.37	408.65	-	-	-	-
13	1435	0.036	12	1127	48.80	1.76	0.76	409.41	25.20	0.91	1.01	83.18
14	1440	0.030	10	1137	38.00	1.14	0.43	409.84	-	-	-	-
15	1445	0.024	8	1145	29.50	0.71	0.28	410.12	18.00	0.43	0.40	83.58
16	1450	0.020	7	1152	25.60	0.51	0.18	410.30	-	-	-	-
17	1455	0.020	6	1158	26.00	0.52	0.15	410.46	16.50	0.33	0.23	83.81
18	1500	0.018	6	1163	22.40	0.40	0.14	410.59	-	-	-	-
19	1505	0.014	5	1168	22.30	0.31	0.11	410.70	16.30	0.23	0.17	83.98
20	1510	0.014	4	1172	20.00	0.28	0.09	410.79	-	-	-	-
21	1515	0.014	4	1177	21.00	0.29	0.09	410.88	16.30	0.23	0.14	84.11
22	1520	0.012	4	1180	20.00	0.24	0.08	410.96	-	-	-	-
23	1525	0.010	3	1184	20.00	0.19	0.07	411.02	15.40	0.15	0.11	84.23

HANAKUMA

KOHE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	RESI			DENSITY (MG/L)	VOLA		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	289.00	51.44	-	-	72.00	12.82	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	698.00	615.64	200.12	200.12	142.00	125.24	41.42	41.42
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	396.00	187.31	240.88	441.01	109.00	51.56	53.04	94.46
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	275.00	59.95	74.18	515.18	83.00	18.09	20.90	115.35
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	224.00	22.62	24.77	539.96	82.00	8.28	7.91	123.27
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	214.00	11.34	10.19	550.15	78.00	4.13	3.72	126.99
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	172.00	6.19	5.26	555.41	68.00	2.45	1.97	128.97
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	164.00	3.94	3.04	558.44	63.00	1.51	1.19	130.15
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	173.00	3.46	2.22	560.66	62.00	1.24	0.83	130.98
18	1500	0.018	6	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	180.00	2.52	1.79	562.46	64.00	0.90	0.64	131.62
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	185.00	2.59	1.53	563.99	69.00	0.97	0.56	132.18
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	205.00	1.99	1.37	565.36	72.00	0.70	0.50	132.68

HANAKUMA

KOE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	T-P			DENSITY (MG/L)	ABS		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	0.89	0.16	-	-	0.20	0.04	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	0.36	0.32	0.14	0.14	0.20	0.18	0.06	0.06
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	0.39	0.19	0.15	0.29	0.20	0.09	0.08	0.14
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	0.47	0.10	0.09	0.38	0.20	0.04	0.04	0.19
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	0.51	0.05	0.05	0.43	0.20	0.02	0.02	0.21
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	0.53	0.03	0.02	0.45	0.20	0.01	-	0.21
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	0.49	0.02	0.01	0.46	0.20	-	-	0.22
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	0.44	0.01	-	0.47	0.20	-	-	0.22
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	0.46	-	-	0.48	0.20	-	-	0.23
18	1500	0.018	6	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	0.54	-	-	0.48	0.20	-	-	0.23
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	0.59	-	-	0.49	0.20	-	-	0.23
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	0.78	-	-	0.49	0.20	-	-	0.23

HANAKUMA

KORE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	K-N			DENSITY (MG/L)	NO2		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	3.22	0.57	-	-	0.10	0.02	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	3.77	3.33	1.17	1.17	0.06	0.05	0.02	0.02
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	3.58	1.69	1.51	2.68	0.07	0.03	0.03	0.05
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	3.28	0.72	0.72	3.40	0.07	0.02	0.01	0.06
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	3.06	0.31	0.31	3.70	0.09	-	-	0.07
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	3.06	0.16	0.14	3.85	0.11	-	-	0.07
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	2.62	0.09	0.08	3.92	0.11	-	-	0.08
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	2.95	0.07	0.05	3.97	0.12	-	-	0.08
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	2.95	0.06	0.04	4.01	0.14	-	-	0.08
18	1500	0.018	6	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	3.22	0.05	0.03	4.04	0.16	-	-	0.08
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	3.11	0.04	0.03	4.07	0.16	-	-	0.08
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	3.45	0.03	0.02	4.09	0.16	-	-	0.08

HANAKUMA

KORE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	NO3			CL			
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	1.51	0.27	-	-	34.30	6.11	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	1.25	1.10	0.41	0.41	8.90	7.85	4.19	4.19
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	1.27	0.60	0.51	0.92	10.70	5.06	3.87	8.06
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	1.37	0.30	0.27	1.19	10.90	2.38	2.23	10.29
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	1.49	0.15	0.13	1.33	11.60	1.17	1.06	11.36
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	1.58	0.08	0.07	1.40	12.80	0.68	0.55	11.91
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	1.95	0.07	0.05	1.44	13.00	0.47	0.34	12.25
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	1.66	0.04	0.03	1.48	13.80	0.33	0.24	12.49
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	1.66	0.03	0.02	1.50	17.20	0.34	0.20	12.70
18	1500	0.018	5	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	1.70	0.02	0.02	1.52	18.40	0.26	0.18	12.88
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	1.81	0.03	0.01	1.53	21.30	0.30	0.17	13.04
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	1.80	0.02	0.01	1.54	22.30	0.22	0.15	13.20

HANAKUMA

KOBÉ

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME-T (M3)	DENSITY (MG/L)	ZN			DENSITY (MG/L)	CU		
						LOAD-T (G/S)	LOAD-V (KG)	LOAD.SIG (KG)		LOAD-T (G/S)	LOAD-V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	0.42	0.07	-	-	0.01	-	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	0.70	0.62	0.21	0.21	0.14	0.12	0.04	0.04
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	0.50	0.24	0.26	0.46	0.13	0.06	0.06	0.09
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	0.45	0.10	0.10	0.56	0.11	0.02	0.03	0.12
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	0.38	0.04	0.04	0.61	0.08	-	-	0.13
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	0.36	0.02	0.02	0.62	0.06	-	-	0.13
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	0.27	-	-	0.63	0.05	-	-	0.13
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	0.25	-	-	0.64	0.04	-	-	0.13
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	0.24	-	-	0.64	0.04	-	-	0.14
18	1500	0.018	6	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	0.25	-	-	0.64	0.03	-	-	0.14
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	0.21	-	-	0.64	0.03	-	-	0.14
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	0.19	-	-	0.64	0.03	-	-	0.14

HANAKUMA

KUBE

AME

NO. 3

50. 9. 8

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	PH			NI			
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	1335	0.178	-	-	0.02	-	-	-	0.02	-	-	-
2	1340	0.587	115	115	-	-	-	-	-	-	-	-
3	1345	0.882	220	335	0.13	0.11	0.04	0.04	0.02	0.02	-	-
4	1350	0.796	252	587	-	-	-	-	-	-	-	-
5	1355	0.473	190	777	0.11	0.05	0.05	0.09	0.02	-	-	-
6	1400	0.282	113	890	-	-	-	-	-	-	-	-
7	1405	0.218	75	965	0.08	0.02	0.02	0.11	0.02	-	-	-
8	1410	0.142	54	1019	-	-	-	-	-	-	-	-
9	1415	0.101	36	1056	0.06	-	-	0.11	0.01	-	-	-
10	1420	0.074	26	1082	-	-	-	-	-	-	-	-
11	1425	0.053	19	1101	0.05	-	-	0.11	0.01	-	-	-
12	1430	0.042	14	1115	-	-	-	-	-	-	-	-
13	1435	0.036	12	1127	0.04	-	-	0.12	0.01	-	-	-
14	1440	0.030	10	1137	-	-	-	-	-	-	-	-
15	1445	0.024	8	1145	0.03	-	-	0.12	0.01	-	-	-
16	1450	0.020	7	1152	-	-	-	-	-	-	-	-
17	1455	0.020	6	1158	0.02	-	-	0.12	0.01	-	-	-
18	1500	0.018	6	1163	-	-	-	-	-	-	-	-
19	1505	0.014	5	1168	0.02	-	-	0.12	0.01	-	-	-
20	1510	0.014	4	1172	-	-	-	-	-	-	-	-
21	1515	0.014	4	1177	0.02	-	-	0.12	0.01	-	-	-
22	1520	0.012	4	1180	-	-	-	-	-	-	-	-
23	1525	0.010	3	1184	0.02	-	-	0.12	0.01	-	-	-

HANAKUMA

KOBÉ

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	BOD			DENSITY (MG/L)	S800		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	2025	0.010	-	-	46.00	0.45	-	-	23.40	0.23	-	-
2	2030	0.014	4	4	54.20	0.76	0.18	0.18	-	-	-	-
3	2035	0.020	5	9	58.90	1.18	0.29	0.47	31.40	0.63	0.26	0.26
4	2040	0.026	7	16	86.00	2.24	0.51	0.98	-	-	-	-
5	2045	0.032	9	24	89.40	2.86	0.76	1.75	36.90	1.18	0.54	0.80
6	2050	0.032	10	34	91.70	2.93	0.87	2.62	-	-	-	-
7	2055	0.038	10	44	114.00	4.33	1.09	3.71	42.30	1.61	0.84	1.64
8	2100	0.038	11	56	102.00	3.88	1.23	4.94	-	-	-	-
9	2105	0.045	12	68	102.00	4.59	1.27	6.21	36.30	1.63	0.97	2.61
10	2110	0.051	14	83	110.00	5.61	1.53	7.74	-	-	-	-
11	2115	0.058	16	99	99.00	5.74	1.70	9.44	34.00	1.97	1.08	3.69
12	2120	0.058	17	116	80.00	4.64	1.56	11.00	-	-	-	-
13	2125	0.067	19	135	75.20	5.04	1.45	12.45	13.60	0.91	0.86	4.55
14	2130	0.067	20	155	53.30	3.57	1.29	13.74	-	-	-	-
15	2135	0.067	20	175	42.70	2.86	0.96	14.71	7.80	0.52	0.43	4.98
16	2140	0.076	21	197	50.80	3.86	1.01	15.71	-	-	-	-
17	2145	0.093	25	222	62.00	5.77	1.44	17.16	7.64	0.71	0.37	5.35
18	2150	0.102	29	251	72.00	7.34	1.97	19.13	-	-	-	-
19	2155	0.111	32	283	76.50	8.49	2.38	21.50	6.67	0.74	0.44	5.79
20	2200	0.131	36	320	80.80	10.58	2.86	24.36	-	-	-	-
21	2205	0.141	41	360	96.70	13.63	3.63	27.99	9.18	1.29	0.61	6.40
22	2210	0.102	36	397	62.30	6.35	3.00	30.99	-	-	-	-
23	2215	0.093	29	426	47.10	4.38	1.61	32.60	8.70	0.81	0.63	7.03
24	2220	0.076	25	451	44.70	3.40	1.17	33.77	-	-	-	-
25	2225	0.058	20	472	29.40	1.71	0.77	34.54	9.37	0.54	0.41	7.44
26	2230	0.038	14	486	25.10	0.95	0.40	34.93	-	-	-	-
27	2235	0.032	10	496	27.10	0.87	0.27	35.21	7.80	0.25	0.24	7.67
28	2240	0.020	8	504	20.00	0.40	0.19	35.40	-	-	-	-
29	2245	0.014	5	509	15.60	0.22	0.09	35.49	7.33	0.10	0.11	7.78
30	2250	0.014	4	514	13.20	0.18	0.06	35.55	-	-	-	-
31	2255	0.010	4	517	13.10	0.13	0.05	35.60	8.75	0.08	0.06	7.84
32	2300	0.010	3	520	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	15.70	0.22	0.26	35.86	-	-	-	-
37	2325	0.014	4	535	14.00	0.20	0.06	35.92	8.50	0.12	0.18	8.02
38	2330	0.014	4	539	12.60	0.18	0.06	35.98	-	-	-	-
39	2335	0.014	4	543	13.00	0.18	0.05	36.03	9.04	0.13	0.07	8.09
40	2340	0.014	4	547	13.50	0.19	0.06	36.09	-	-	-	-
41	2345	0.026	6	553	11.20	0.29	0.07	36.16	8.33	0.22	0.10	8.20
42	2350	0.026	8	561	10.90	0.28	0.09	36.24	-	-	-	-
43	2355	0.020	7	568	11.80	0.24	0.08	36.32	6.28	0.13	0.10	8.30
44	000	0.020	6	574	12.00	0.24	0.07	36.39	-	-	-	-
45	005	0.014	5	579	11.10	0.16	0.06	36.45	6.75	0.09	0.07	8.37
46	010	0.014	4	583	10.60	0.15	0.05	36.50	-	-	-	-
47	015	0.010	4	587	9.69	0.09	0.04	36.53	6.09	0.06	0.05	8.41

HANAKUMA

KOBÉ

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	2025	0.010	-	-	31.10	0.30	-	-	39.50	0.38	-	-
2	2030	0.014	4	4	40.80	0.57	0.13	0.13	-	-	-	-
3	2035	0.020	5	9	53.70	1.07	0.25	0.38	68.20	1.36	0.52	0.52
4	2040	0.026	7	16	62.00	1.61	0.40	0.78	-	-	-	-
5	2045	0.032	9	24	58.10	1.86	0.52	1.30	99.10	3.17	1.36	1.88
6	2050	0.032	10	34	68.70	2.20	0.61	1.91	-	-	-	-
7	2055	0.038	10	44	80.80	3.07	0.79	2.70	77.70	2.95	1.84	3.72
8	2100	0.038	11	56	75.30	2.86	0.89	3.59	-	-	-	-
9	2105	0.045	12	68	75.10	3.38	0.94	4.53	115.00	5.18	2.44	6.16
10	2110	0.051	14	83	71.00	3.62	1.05	5.58	-	-	-	-
11	2115	0.058	16	99	73.00	4.23	1.18	6.75	146.00	8.47	4.09	10.25
12	2120	0.058	17	116	69.80	4.05	1.24	8.00	-	-	-	-
13	2125	0.067	19	135	66.10	4.43	1.27	9.27	88.30	5.92	4.31	14.57
14	2130	0.067	20	155	44.30	2.97	1.11	10.38	-	-	-	-
15	2135	0.067	20	175	46.50	3.12	0.91	11.29	61.20	4.10	3.01	17.57
16	2140	0.076	21	197	55.90	4.25	1.10	12.39	-	-	-	-
17	2145	0.093	25	222	56.30	5.24	1.42	13.82	74.80	6.96	3.32	20.89
18	2150	0.102	29	251	46.50	4.74	1.50	15.31	-	-	-	-
19	2155	0.111	32	283	75.10	8.34	1.96	17.28	59.00	6.55	4.05	24.94
20	2200	0.131	36	320	70.60	9.25	2.64	19.91	-	-	-	-
21	2205	0.141	41	360	67.30	9.49	2.81	22.72	159.00	22.42	8.69	33.63
22	2210	0.102	36	397	50.60	5.16	2.20	24.92	-	-	-	-
23	2215	0.093	29	426	48.60	4.52	1.45	26.37	66.70	6.20	8.59	42.22
24	2220	0.076	25	451	35.00	2.66	1.08	27.45	-	-	-	-
25	2225	0.058	20	472	26.10	1.51	0.63	28.08	32.20	1.87	2.42	44.64
26	2230	0.038	14	486	23.00	0.87	0.36	28.44	-	-	-	-
27	2235	0.032	10	496	17.40	0.56	0.21	28.65	25.90	0.83	0.81	45.45
28	2240	0.020	8	504	14.30	0.29	0.13	28.78	-	-	-	-
29	2245	0.014	5	509	12.10	0.17	0.07	28.84	25.30	0.35	0.35	45.80
30	2250	0.014	4	514	10.40	0.15	0.05	28.89	-	-	-	-
31	2255	0.010	4	517	12.00	0.12	0.04	28.93	20.80	0.20	0.17	45.97
32	2300	0.010	3	520	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	11.70	0.16	0.21	29.14	-	-	-	-
37	2325	0.014	4	535	10.50	0.15	0.05	29.19	28.80	0.40	0.54	46.52
38	2330	0.014	4	539	10.70	0.15	0.04	29.23	-	-	-	-
39	2335	0.014	4	543	13.30	0.19	0.05	29.28	29.10	0.41	0.24	46.76
40	2340	0.014	4	547	11.80	0.17	0.05	29.34	-	-	-	-
41	2345	0.026	6	553	12.10	0.31	0.07	29.41	25.00	0.65	0.32	47.08
42	2350	0.026	8	561	12.20	0.32	0.09	29.50	-	-	-	-
43	2355	0.020	7	568	13.10	0.26	0.09	29.59	22.40	0.45	0.33	47.41
44	000	0.020	6	574	12.30	0.25	0.08	29.67	-	-	-	-
45	005	0.014	5	579	12.20	0.17	0.06	29.73	21.20	0.30	0.22	47.63
46	010	0.014	4	583	11.10	0.16	0.05	29.78	-	-	-	-
47	015	0.010	4	587	11.90	0.12	0.04	29.82	20.80	0.20	0.15	47.78

HANAKUMA

KOBÉ

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	TOC		DENSITY (MG/L)	TOD		LOAD.Y (KG)	LOAD.SIG (KG)
						LOAD.T (G/S)	LOAD.V (KG)		LOAD.T (G/S)	LOAD.V (KG)		
1	2025	0.010	-	-	27.80	0.27	-	-	76.10	0.74	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	37.40	0.75	0.31	0.31	10.50	0.21	0.28	0.28
4	2040	0.026	7	16	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	47.30	1.51	0.68	0.98	140.00	4.48	1.41	1.69
6	2050	0.032	10	34	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	39.30	1.49	0.90	1.89	113.00	4.29	2.63	4.32
8	2100	0.038	11	56	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	56.40	2.54	1.21	3.10	160.00	7.20	3.45	7.77
10	2110	0.051	14	83	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	62.70	3.64	1.85	4.95	192.00	11.14	5.50	13.27
12	2120	0.058	17	116	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	49.60	3.32	2.09	7.04	124.00	8.31	5.83	19.11
14	2130	0.067	20	155	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	32.70	2.19	1.65	8.69	80.50	5.39	4.11	23.22
16	2140	0.076	21	197	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	44.50	4.14	1.90	10.59	117.00	10.88	4.88	28.10
18	2150	0.102	29	251	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	36.50	4.05	2.46	13.05	86.00	9.55	6.13	34.23
20	2200	0.131	36	320	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	82.50	11.63	4.71	17.75	224.00	31.58	12.34	46.57
22	2210	0.102	36	397	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	34.60	3.22	4.46	22.21	76.20	7.09	11.60	58.17
24	2220	0.076	25	451	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	18.80	1.09	1.29	23.50	53.30	3.09	3.05	61.22
26	2230	0.038	14	486	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	13.20	0.42	0.45	23.95	36.70	1.17	1.28	62.50
28	2240	0.020	8	504	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	10.00	0.14	0.17	24.12	26.80	0.38	0.46	62.97
30	2250	0.014	4	514	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	9.60	0.09	0.07	24.19	24.20	0.23	0.18	63.15
32	2300	0.010	3	520	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	9.30	0.13	0.20	24.39	ND	-	0.21	63.36
38	2330	0.014	4	539	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	10.30	0.14	0.08	24.47	26.30	0.37	0.72	64.08
40	2340	0.014	4	547	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	9.30	0.24	0.12	24.59	25.40	0.66	0.31	64.39
42	2350	0.026	8	561	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	11.00	0.22	0.14	24.73	28.80	0.58	0.37	64.76
44	000	0.020	6	574	-	-	-	-	-	-	-	-
45	005	0.014	5	579	10.30	0.14	0.11	24.84	27.20	0.38	0.29	65.05
46	010	0.014	4	583	-	-	-	-	-	-	-	-
47	015	0.010	4	587	10.00	0.10	0.07	24.91	23.70	0.23	0.18	65.23

HANAKUMA

K08E

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	SS	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	VSS	LOAD.V (KG)	LOAD.SIG (KG)
1.	2025	0.010	-	-	55.60	0.54	-	-	-	34.60	0.34	-	-	-
2.	2030	0.014	4	4	67.00	0.94	-	-	-	-	-	-	-	-
3.	2035	0.020	5	9	116.00	2.32	0.22	0.22	-	-	-	-	-	-
4.	2040	0.026	7	16	147.00	3.82	0.49	0.71	-	64.00	1.28	-	0.48	0.48
5.	2045	0.032	9	24	157.00	5.02	0.92	1.63	-	-	-	-	-	-
6.	2050	0.032	10	34	162.00	5.18	1.33	2.96	95.00	-	3.04	-	1.30	1.78
7.	2055	0.038	10	44	170.00	6.46	1.53	4.49	-	-	-	-	-	-
8.	2100	0.038	11	56	180.00	6.84	1.75	6.24	98.00	-	3.72	-	2.03	3.81
9.	2105	0.045	12	68	213.00	9.59	2.00	8.23	-	-	-	-	-	-
10.	2110	0.051	14	83	202.00	10.30	2.46	10.70	148.00	-	6.66	-	3.12	6.93
11.	2115	0.058	16	99	242.00	14.04	2.98	13.68	-	-	-	-	-	-
12.	2120	0.058	17	116	234.00	13.57	3.65	17.33	127.00	-	7.37	-	4.21	11.13
13.	2125	0.067	19	135	256.00	17.15	4.14	21.47	-	-	-	-	-	-
14.	2130	0.067	20	155	165.00	11.05	4.61	26.08	130.00	-	8.71	-	4.82	15.96
15.	2135	0.067	20	175	174.00	11.66	4.23	30.31	-	-	-	-	-	-
16.	2140	0.076	21	197	203.00	15.43	3.41	33.72	81.00	-	5.43	-	4.24	20.20
17.	2145	0.093	25	222	197.00	18.32	4.06	37.78	-	-	-	-	-	-
18.	2150	0.102	29	251	217.00	22.13	5.06	42.84	105.00	-	9.76	-	4.56	24.75
19.	2155	0.111	32	283	279.00	30.97	6.07	48.91	-	-	-	-	-	-
20.	2200	0.131	36	320	261.00	34.19	7.96	56.87	129.00	-	14.32	-	7.22	31.98
21.	2205	0.141	41	360	280.00	39.48	9.78	66.65	-	-	-	-	-	-
22.	2210	0.102	36	397	260.00	26.52	11.05	77.70	128.00	-	18.05	-	9.71	41.69
23.	2215	0.093	29	426	249.00	23.16	9.90	87.60	-	-	-	-	-	-
24.	2220	0.076	25	451	155.00	11.78	7.45	95.05	109.00	-	10.14	-	8.46	50.15
25.	2225	0.058	20	472	104.00	6.03	5.24	100.29	-	-	-	-	-	-
26.	2230	0.038	14	486	48.00	1.82	2.67	102.96	46.70	-	2.71	-	3.85	54.00
27.	2235	0.032	10	496	48.80	1.56	1.88	104.14	-	-	-	-	-	-
28.	2240	0.020	8	504	29.50	0.59	0.51	104.65	22.40	-	0.72	-	1.03	55.03
29.	2245	0.014	5	509	26.00	0.36	0.32	104.97	-	-	-	-	-	-
30.	2250	0.014	4	514	22.50	0.31	0.14	105.12	12.80	-	0.18	-	0.27	55.30
31.	2255	0.010	4	517	22.40	0.22	0.10	105.22	-	-	-	-	-	-
32.	2300	0.010	3	520	-	-	0.08	105.30	10.80	-	0.10	-	0.09	55.38
33.	2305	0.006	2	522	-	-	-	-	-	-	-	-	-	-
34.	2310	0.006	2	524	-	-	-	-	-	-	-	-	-	-
35.	2315	0.010	2	527	-	-	-	-	-	-	-	-	-	-
36.	2320	0.014	4	530	22.40	0.31	-	-	-	-	-	-	-	-
37.	2325	0.014	4	535	25.00	0.35	0.40	105.70	-	-	-	-	-	-
38.	2330	0.014	4	539	22.00	0.31	0.10	105.80	10.00	-	0.14	-	0.22	55.60
39.	2335	0.014	4	543	19.00	0.27	0.09	105.89	-	-	-	-	-	-
40.	2340	0.014	4	547	18.40	0.26	0.08	105.98	9.00	-	0.13	-	0.08	55.68
41.	2345	0.026	6	553	20.60	0.54	0.12	106.06	-	-	-	-	-	-
42.	2350	0.026	8	561	23.00	0.60	0.17	106.18	9.40	-	0.24	-	0.11	55.79
43.	2355	0.020	7	568	26.00	0.52	0.17	106.35	-	-	-	-	-	-
44.	000	0.020	6	574	16.30	0.33	0.13	106.52	13.30	-	0.27	-	0.15	55.94
45.	005	0.014	5	579	21.00	0.29	0.09	106.64	-	-	-	-	-	-
46.	010	0.014	4	583	19.00	0.27	0.08	106.74	9.80	-	0.14	-	0.12	56.07
47.	015	0.010	4	587	18.50	0.18	0.07	106.82	-	-	-	-	-	-
								106.89	8.00	-	0.08	-	0.06	56.13

HANAKUMA

KOBÉ

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	RESI LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	VOLA LOAD.V (KG)	LOAD.SIG (KG)
1	2025	0.010	-	-	314.00	3.05	-	-	97.50	0.95	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	414.00	8.28	3.40	3.40	144.00	2.88	1.15	1.15
4	2040	0.026	7	16	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	413.00	13.22	6.45	9.85	155.00	4.96	2.35	3.50
6	2050	0.032	10	34	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	464.00	17.63	9.25	19.10	178.00	6.76	3.52	7.02
8	2100	0.038	11	56	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	434.00	19.53	11.15	30.25	180.00	8.10	4.46	11.48
10	2110	0.051	14	83	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	446.00	25.87	13.62	43.87	193.00	11.19	5.79	17.26
12	2120	0.058	17	116	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	446.00	29.88	16.72	60.59	203.00	13.60	7.44	24.70
14	2130	0.067	20	155	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	291.00	19.50	14.81	75.41	118.00	7.91	6.45	31.15
16	2140	0.076	21	197	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	387.00	35.99	16.65	92.05	166.00	15.44	7.00	38.16
18	2150	0.102	29	251	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	398.00	44.18	24.05	116.10	169.00	18.76	10.26	48.42
20	2200	0.131	36	320	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	418.00	58.94	30.94	147.04	177.00	24.96	13.12	61.53
22	2210	0.102	36	397	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	347.00	32.27	27.36	174.40	145.00	13.48	11.53	73.06
24	2220	0.076	25	451	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	161.00	9.34	12.48	186.88	61.00	3.54	5.11	78.17
26	2230	0.038	14	486	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	136.00	4.35	4.11	190.99	47.50	1.52	1.52	79.69
28	2240	0.020	8	504	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	115.00	1.61	1.79	192.78	39.50	0.55	0.62	80.31
30	2250	0.014	4	514	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	115.00	1.12	0.82	193.60	40.00	0.39	0.28	80.59
32	2300	0.010	3	520	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	134.00	1.88	2.69	196.29	45.50	0.64	0.92	81.52
38	2330	0.014	4	539	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	144.00	2.02	1.17	197.46	48.50	0.68	0.39	81.91
40	2340	0.014	4	547	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	139.00	3.61	1.69	199.15	46.80	1.22	0.57	82.48
42	2350	0.026	8	561	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	138.00	2.76	1.91	201.06	43.50	0.87	0.63	83.11
44	000	0.020	6	574	-	-	-	-	-	-	-	-
45	005	0.014	5	579	128.00	1.79	1.37	202.42	36.50	0.51	0.41	83.52
46	010	0.014	4	583	-	-	-	-	-	-	-	-
47	015	0.010	4	587	120.00	1.16	0.89	203.31	34.50	0.33	0.25	83.77

HANAKUMA

KOBE

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME-T (M3)	DENSITY (MG/L)	T-P			DENSITY (MG/L)	ABS		
						LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)		LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	2025	0.010	-	-	0.61	-	-	-	3.00	0.03	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	0.67	0.01	-	-	3.30	0.07	0.03	0.03
4	2040	0.026	7	16	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	1.73	0.06	0.02	0.02	2.40	0.08	0.04	0.07
6	2050	0.032	10	34	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	0.50	0.02	0.02	0.04	2.70	0.10	0.05	0.13
8	2100	0.038	11	56	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	0.55	0.02	0.01	0.06	3.00	0.13	0.07	0.20
10	2110	0.051	14	83	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	0.53	0.03	0.02	0.07	1.90	0.11	0.07	0.27
12	2120	0.058	17	116	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	0.29	0.02	0.02	0.09	0.30	0.02	0.04	0.31
14	2130	0.067	20	155	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	0.35	0.02	0.01	0.10	0.50	0.03	0.02	0.33
16	2140	0.076	21	197	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	0.42	0.04	0.02	0.12	0.60	0.06	0.03	0.35
18	2150	0.102	29	251	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	0.43	0.05	0.03	0.15	0.40	0.04	0.03	0.38
20	2200	0.131	36	320	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	0.63	0.09	0.04	0.19	1.60	0.23	0.08	0.46
22	2210	0.102	36	397	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	0.58	0.05	0.04	0.23	0.20	0.02	0.07	0.54
24	2220	0.076	25	451	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	0.32	0.02	0.02	0.25	0.30	0.02	0.01	0.55
26	2230	0.038	14	486	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	0.29	-	-	0.26	0.20	-	-	0.55
28	2240	0.020	8	504	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	0.36	-	-	0.26	0.20	-	-	0.56
30	2250	0.014	4	514	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	0.18	-	-	0.27	0.20	-	-	0.56
32	2300	0.010	3	520	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	0.23	-	-	0.27	0.20	-	-	0.56
38	2330	0.014	4	539	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	0.21	-	-	0.27	0.20	-	-	0.56
40	2340	0.014	4	547	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	0.15	-	-	0.27	0.20	-	-	0.57
42	2350	0.026	8	561	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	0.22	-	-	0.28	0.20	-	-	0.57
44	000	0.020	6	574	-	-	-	-	-	-	-	-
45	005	0.014	5	579	0.22	-	-	0.28	0.20	-	-	0.57
46	010	0.014	4	583	-	-	-	-	-	-	-	-
47	015	0.010	4	587	0.09	-	-	0.28	0.20	-	-	0.57

HANAKUMA

KOBÉ

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	2025	0.010	-	-	9.56	0.09	-	-	0.01	-	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	9.96	0.20	0.09	0.09	0.08	-	-	-
4	2040	0.026	7	16	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	14.90	0.48	0.20	0.29	0.01	-	-	-
6	2050	0.032	10	34	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	11.80	0.45	0.28	0.57	0.01	-	-	-
8	2100	0.038	11	56	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	12.00	0.54	0.30	0.86	0.19	-	-	-
10	2110	0.051	14	83	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	11.90	0.69	0.37	1.23	0.15	-	-	-
12	2120	0.058	17	116	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	10.20	0.68	0.41	1.65	0.13	-	-	-
14	2130	0.067	20	155	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	6.84	0.46	0.34	1.99	0.16	0.01	-	-
16	2140	0.076	21	197	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	9.76	0.91	0.41	2.40	0.10	-	-	-
18	2150	0.102	29	251	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	9.96	1.11	0.60	3.00	0.10	0.01	-	-
20	2200	0.131	36	320	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	11.70	1.65	0.83	3.83	0.07	-	-	-
22	2210	0.102	36	397	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	7.90	0.73	0.72	4.54	0.07	-	-	-
24	2220	0.076	25	451	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	3.32	0.19	0.28	4.82	0.09	-	-	-
26	2230	0.038	14	486	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	3.39	0.11	0.09	4.91	0.08	-	-	-
28	2240	0.020	8	504	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	2.59	0.04	0.04	4.96	0.10	-	-	-
30	2250	0.014	4	514	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	2.32	0.02	0.02	4.97	0.10	-	-	-
32	2300	0.010	3	520	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	2.66	0.04	0.05	5.03	0.13	-	-	-
38	2330	0.014	4	539	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	3.32	0.05	0.03	5.05	0.16	-	-	-
40	2340	0.014	4	547	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	3.06	0.08	0.04	5.09	0.13	-	-	-
42	2350	0.026	8	561	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	2.39	0.05	0.04	5.13	0.14	-	-	-
44	000	0.020	6	574	-	-	-	-	-	-	-	-
45	005	0.014	5	579	2.28	0.03	0.02	5.15	0.15	-	-	-
46	010	0.014	4	583	-	-	-	-	-	-	-	-
47	015	0.010	4	587	2.33	0.02	0.02	5.17	0.13	-	-	-

MANAKUMA

KOBE

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	LOAD.V (KG)	LOAD.SIG (KG)
1	2025	0.010	-	-	0.22	-	-	-	44.60	0.43	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	0.24	-	-	-	50.20	1.00	0.43	0.43
4	2040	0.026	7	16	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	0.25	-	-	-	49.00	1.57	0.77	1.20
6	2050	0.032	10	34	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	0.23	-	-	-	38.00	1.44	0.90	2.11
8	2100	0.038	11	56	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	0.29	0.01	-	-	25.40	1.14	0.78	2.88
10	2110	0.051	14	83	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	0.39	0.02	0.01	0.01	28.50	1.65	0.84	3.72
12	2120	0.058	17	116	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	0.51	0.03	0.02	0.03	16.70	1.12	0.83	4.55
14	2130	0.067	20	155	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	0.52	0.03	0.02	0.05	13.40	0.90	0.61	5.16
16	2140	0.076	21	197	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	0.41	0.04	0.02	0.07	12.40	1.15	0.62	5.77
18	2150	0.102	29	251	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	0.40	0.04	0.02	0.10	10.30	1.14	0.69	6.46
20	2200	0.131	36	320	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	0.36	0.05	0.03	0.12	10.50	1.48	0.79	7.25
22	2210	0.102	36	397	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	0.41	0.04	0.03	0.15	9.50	0.88	0.71	7.96
24	2220	0.076	25	451	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	0.81	0.05	0.03	0.18	7.95	0.46	0.40	8.36
26	2230	0.038	14	486	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	0.78	0.02	0.02	0.20	9.69	0.31	0.23	8.59
28	2240	0.020	8	504	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	1.03	0.01	0.01	0.21	9.30	0.13	0.13	8.73
30	2250	0.014	4	514	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	1.43	0.01	-	-	-	-	-	-
32	2300	0.010	3	520	-	-	-	0.22	10.70	0.10	0.07	8.80
33	2305	0.006	2	522	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	1.41	0.02	0.03	0.25	15.30	0.21	0.29	9.08
38	2330	0.014	4	539	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	1.41	0.02	0.01	0.26	14.70	0.21	0.13	9.21
40	2340	0.014	4	547	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	1.27	0.03	0.02	0.28	14.10	0.37	0.17	9.38
42	2350	0.026	8	561	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	0.97	0.02	0.02	0.29	13.00	0.26	0.19	9.57
44	000	0.020	6	574	-	-	-	-	-	-	-	-
45	005	0.014	5	579	0.87	0.01	-	0.30	13.00	0.18	0.13	9.70
46	010	0.014	4	583	-	-	-	-	-	-	-	-
47	015	0.010	4	587	1.22	0.01	-	0.31	13.40	0.13	0.09	9.79

HANAKUMA

KOBE

AME

NO. 4

50.12.4 - 50.12.5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	ZN			DENSITY (MG/L)	CU			
							LOAD.V (KG)	LOAD.SIG (KG)	LOAD.T (G/S)		LOAD.V (KG)	LOAD.SIG (KG)		
1	2025	0.010	-	-	0.51	-	-	-	-	0.07	-	-	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	0.58	0.01	-	-	-	0.11	-	-	-	-
4	2040	0.026	7	16	-	-	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	0.63	0.02	-	-	-	0.11	-	-	-	-
6	2050	0.032	10	34	-	-	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	0.62	0.02	0.01	0.01	0.13	-	-	-	-	-
8	2100	0.038	11	56	-	-	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	0.77	0.03	0.02	0.03	0.16	-	-	-	-	-
10	2110	0.051	14	83	-	-	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	0.86	0.05	0.03	0.06	0.18	0.01	-	-	-	-
12	2120	0.058	17	116	-	-	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	0.92	0.06	0.03	0.09	0.17	0.01	-	-	-	-
14	2130	0.067	20	155	-	-	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	0.67	0.04	0.03	0.12	0.13	-	-	-	-	-
16	2140	0.076	21	197	-	-	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	0.83	0.08	0.04	0.16	0.18	0.02	-	-	-	-
18	2150	0.102	29	251	-	-	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	1.02	0.11	0.06	0.22	0.17	0.02	0.01	0.01	-	-
20	2200	0.131	36	320	-	-	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	1.07	0.15	0.08	0.29	0.19	0.03	0.01	0.02	-	-
22	2210	0.102	36	397	-	-	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	0.81	0.08	0.07	0.36	0.12	0.01	0.01	0.04	-	-
24	2220	0.076	25	451	-	-	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	0.40	0.02	0.03	0.39	0.06	-	-	-	0.04	-
26	2230	0.038	14	486	-	-	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	0.26	-	-	0.40	0.05	-	-	-	0.04	-
28	2240	0.020	8	504	-	-	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	0.25	-	-	0.40	0.06	-	-	-	0.04	-
30	2250	0.014	4	514	-	-	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	0.17	-	-	0.41	0.04	-	-	-	0.04	-
32	2300	0.010	3	520	-	-	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	0.12	-	-	0.41	0.03	-	-	-	0.04	-
38	2330	0.014	4	539	-	-	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	0.13	-	-	0.41	0.03	-	-	-	0.04	-
40	2340	0.014	4	547	-	-	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	0.14	-	-	0.41	0.04	-	-	-	0.04	-
42	2350	0.026	8	561	-	-	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	0.13	-	-	0.41	0.04	-	-	-	0.05	-
44	000	0.020	6	574	-	-	-	-	-	-	-	-	-	-
45	005	0.014	5	579	0.15	-	-	0.42	0.04	-	-	-	0.05	-
46	010	0.014	4	583	-	-	-	-	-	-	-	-	-	-
47	015	0.010	4	587	0.14	-	-	0.42	0.04	-	-	-	0.05	-

HANAKUMA

KOBE

AME

NO. 4

50.12. 4 - 50.12. 5

NO.	TIME	FLUID (M3/S)	VOLUME (M3)	VOLUME.T (M3)	DENSITY (MG/L)	LOAD.T (G/S)	PB	LOAD.V (KG)	LOAD.SIG (KG)	DENSITY (MG/L)	LOAD.T (G/S)	NI	LOAD.V (KG)	LOAD.SIG (KG)	...
1	2025	0.010	-	-	0.04	-	-	-	-	0.02	-	-	-	-	-
2	2030	0.014	4	4	-	-	-	-	-	-	-	-	-	-	-
3	2035	0.020	5	9	0.07	-	-	-	-	0.02	-	-	-	-	-
4	2040	0.026	7	16	-	-	-	-	-	-	-	-	-	-	-
5	2045	0.032	9	24	0.09	-	-	-	-	0.03	-	-	-	-	-
6	2050	0.032	10	34	-	-	-	-	-	-	-	-	-	-	-
7	2055	0.038	10	44	0.12	-	-	-	-	0.02	-	-	-	-	-
8	2100	0.038	11	56	-	-	-	-	-	-	-	-	-	-	-
9	2105	0.045	12	68	0.15	-	-	-	-	0.02	-	-	-	-	-
10	2110	0.051	14	83	-	-	-	-	-	-	-	-	-	-	-
11	2115	0.058	16	99	0.14	-	-	-	-	0.02	-	-	-	-	-
12	2120	0.058	17	116	-	-	-	-	-	-	-	-	-	-	-
13	2125	0.067	19	135	0.13	-	-	-	-	0.02	-	-	-	-	-
14	2130	0.067	20	155	-	-	-	-	-	-	-	-	-	-	-
15	2135	0.067	20	175	0.13	-	-	-	-	0.02	-	-	-	-	-
16	2140	0.076	21	197	-	-	-	-	-	-	-	-	-	-	-
17	2145	0.093	25	222	0.14	0.01	-	-	-	0.02	-	-	-	-	-
18	2150	0.102	29	251	-	-	-	-	-	-	-	-	-	-	-
19	2155	0.111	32	283	0.14	0.02	-	-	-	0.02	-	-	-	-	-
20	2200	0.131	36	320	-	-	-	-	-	-	-	-	-	-	-
21	2205	0.141	41	360	0.15	0.02	0.01	0.01	0.01	0.02	-	-	-	-	-
22	2210	0.102	36	397	-	-	-	-	-	-	-	-	-	-	-
23	2215	0.093	29	426	0.13	0.01	0.01	0.02	0.02	0.02	-	-	-	-	-
24	2220	0.076	25	451	-	-	-	-	-	-	-	-	-	-	-
25	2225	0.058	20	472	0.07	-	-	0.03	0.01	0.01	-	-	-	-	-
26	2230	0.038	14	486	-	-	-	-	-	-	-	-	-	-	-
27	2235	0.032	10	496	0.03	-	-	0.03	0.01	0.01	-	-	-	-	-
28	2240	0.020	8	504	-	-	-	-	-	-	-	-	-	-	-
29	2245	0.014	5	509	0.03	-	-	0.03	0.01	0.01	-	-	-	-	-
30	2250	0.014	4	514	-	-	-	-	-	-	-	-	-	-	-
31	2255	0.010	4	517	0.02	-	-	0.03	0.01	0.01	-	-	-	-	-
32	2300	0.010	3	520	-	-	-	-	-	-	-	-	-	-	-
33	2305	0.006	2	522	-	-	-	-	-	-	-	-	-	-	-
34	2310	0.006	2	524	-	-	-	-	-	-	-	-	-	-	-
35	2315	0.010	2	527	-	-	-	-	-	-	-	-	-	-	-
36	2320	0.014	4	530	-	-	-	-	-	-	-	-	-	-	-
37	2325	0.014	4	535	0.02	-	-	0.03	0.02	0.02	-	-	-	-	-
38	2330	0.014	4	539	-	-	-	-	-	-	-	-	-	-	-
39	2335	0.014	4	543	0.02	-	-	0.03	0.01	0.01	-	-	-	-	-
40	2340	0.014	4	547	-	-	-	-	-	-	-	-	-	-	-
41	2345	0.026	6	553	0.03	-	-	0.03	0.01	0.01	-	-	-	-	-
42	2350	0.026	8	561	-	-	-	-	-	-	-	-	-	-	-
43	2355	0.020	7	568	0.03	-	-	0.03	0.01	0.01	-	-	-	-	-
44	000	0.020	6	574	-	-	-	-	-	-	-	-	-	-	-
45	005	0.014	5	579	0.03	-	-	0.03	0.01	0.01	-	-	-	-	-
46	010	0.014	4	583	-	-	-	-	-	-	-	-	-	-	-
47	015	0.010	4	587	0.03	-	-	0.03	0.01	0.01	-	-	-	-	-

2. 北須磨排水区(神戸市)

2.1 区域の概要

神戸市須磨区の北部、高取山の東方に当るこの団地は、東部が標高140m内外の連続した外輪山に囲まれた盆地内を造成した。

その平地は、北から南へ約800mにわたって標高差約25mの緩い傾斜を保つように造成され、宅地は全て南面に開放され、路面とも著しい段差を生じないようになっている。

降雨の地表排水は延長24,815mの道路側溝及び雨水幹線を設け、完全に地域外に排水している。かつ、水洗便所・台所・浴場などの汚水は、雨水とは別に、8344mの污水管で北須磨第1処理場に集水し、全酸化方式によって完全浄化を行ない、福田川支川上穂川に放流している。

団地内道路は、幅員13m(車道7m、歩道両側3m)の貫通道路を幹線として延長7,286m(69,300㎡)の道路が布設され、すべて用途別規格によって舗装されている。

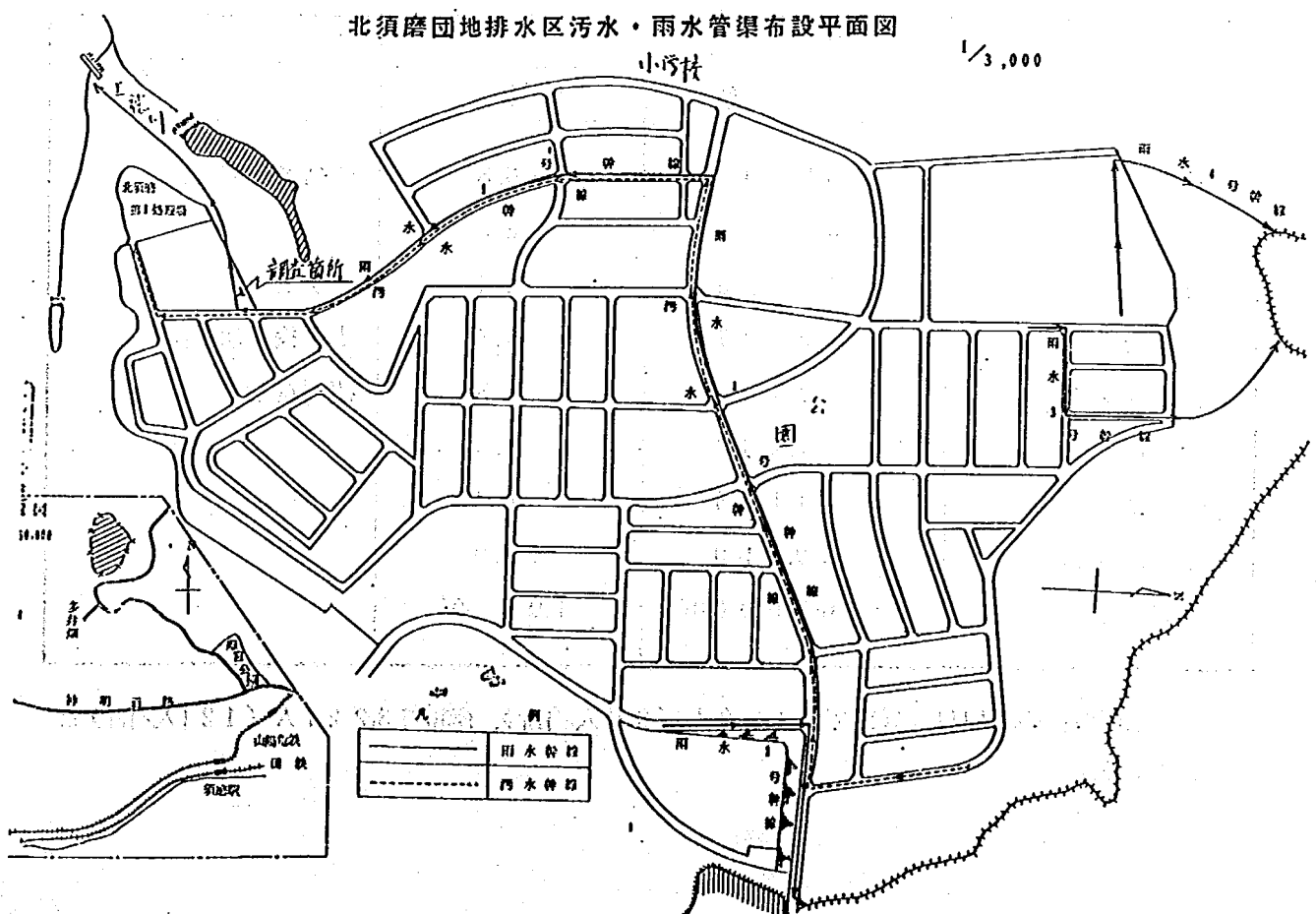
その他、公共施設として小学校1、幼稚園1、公園3、生活センターが設けられている。

第1期工区には1号～5号の雨水幹線が布設されており、この内最大の排水面積を有する1号雨水幹線を調査の対象とした。1号幹線の

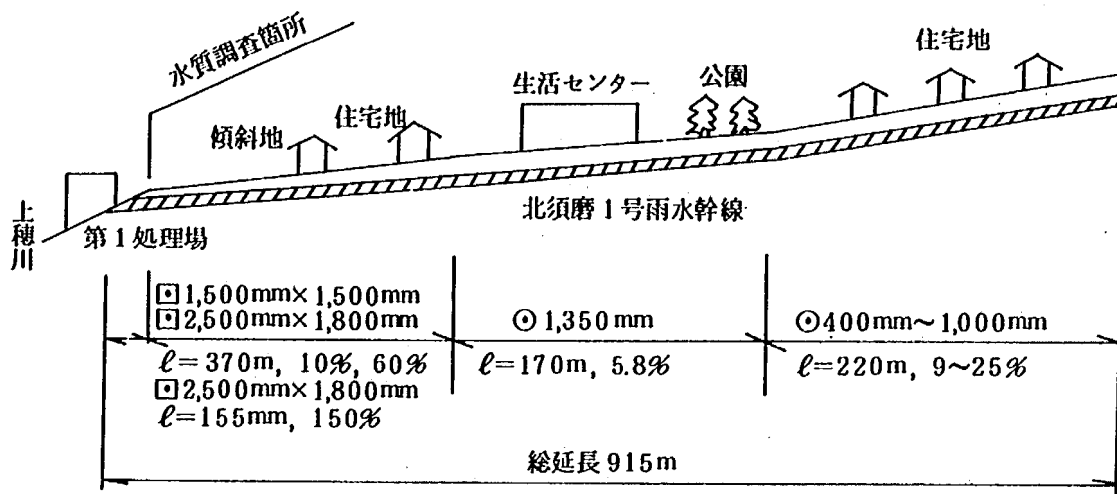
排水面積 26.75 ha (調査ヶ所)

幹線延長 914.17 m

調査ヶ所 7598.7 m



概略を次に示す。



地 域 名	排水面積	排除方式	排水方式	管 径
須磨区 北須磨団地地域	2 6.7 5 ha	分 流 式	自然排水	$\square 2,500 \times 1,800 \text{ mm}$ $\sim \square 1,500 \times 1,500 \text{ mm}$ $\odot 400 \sim 1,350 \text{ mm}$

2.2 土地利用状況

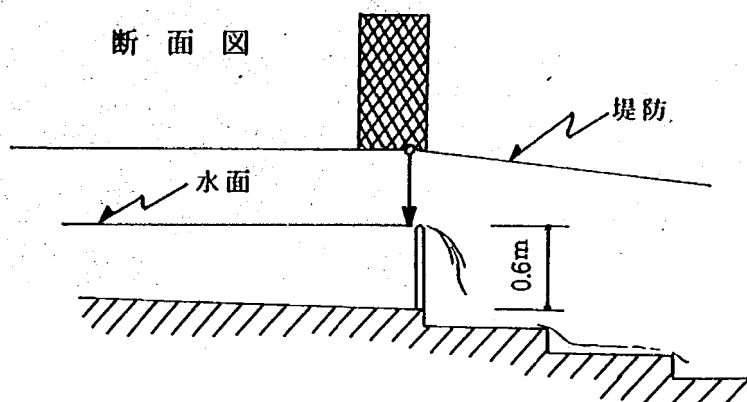
排水区域内の土地利用状況は次の通りである。

利 用 区 分	排 水 区 域		備 考
	面 積	率	
宅地	1 6 2,6 9 8	6 0.8	中高層住宅含む
道路	4 9,9 0 0	1 8.6	
公園	1 1,7 2 6	4.4	4ヶ所
教育施設	3,9 0 7	1.5	
生活センター	7,4 0 4	2.8	購買施設
駐車場	1,2 3 0	0.5	
配水地	1,1 2 5	0.4	
緑地、傾斜地	2 9,5 1 0	1 1.0	
総面積	2 6 7,5 0 0 m^2	1 0 0 %	

排水区域内の人口は、昼間で2,4 2 0人(9 0人/ha)、夜間で3,2 2 7人(1 2 1人/ha)となっている。

2.3 調査箇所

区域名	位置	場所	構造, 断面	計画水量	採水方法	流量測定方法
北須磨 団地地区	須磨区友ガ丘 3丁目22	開渠 橋上	コンクリート張 U2,540×1,800mm	晴天時0m ³ /sec 雨天時6.66m ³ /sec	人力,(しゃく) 自動採水器	マニング社製 流量計



水量および水質の調査箇所は、全幅セキを設け、開渠上に鉄製の橋をかけ、マニング社製ポータブル流量計（型式F-3024-B-O-A-O）をおいて流量測定を行なった。

採水は、夜間用にマニング社製ポータブル自動採水器（型式S-4000-B-3 改良型）を用意したが11月8日以外は人力でセキのオーバーフロー水を採取した。

雨量は、調査箇所から約30mはなれた北須磨第一下水処理場に転倒ます型指示雨量計を設置し、測定した。

マニング社製 ポータブル流量計

触針式水位検出方式により、水位を検出し表示するとするとともに、流量比率を演算し表示記録する。

$$Q = KBh^{\frac{3}{2}}$$

但し Q : 流量 (m³/分)

B : セキの幅 (2.54m)

h : セキの水頭 (m)

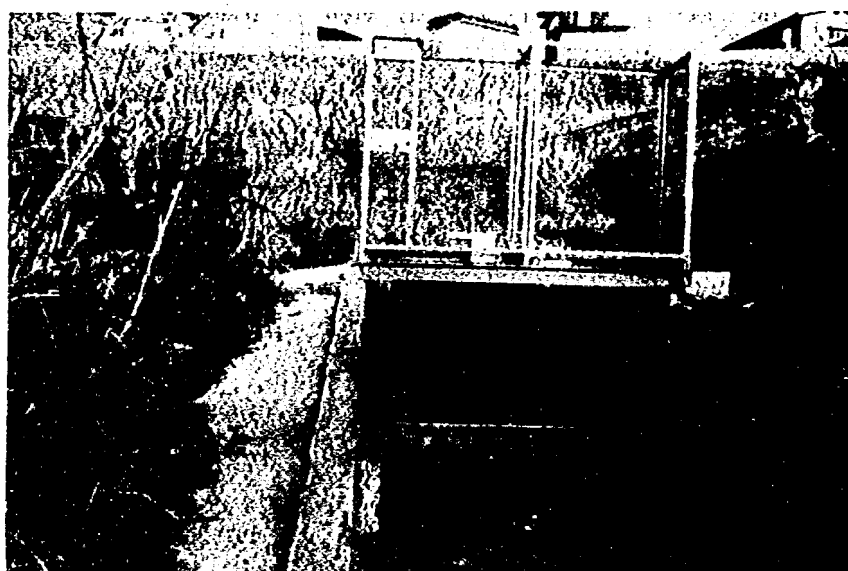
K : 流量係数

$$K = 107.1 + \left(\frac{0.177}{h} + 14.2 \frac{h}{D} \right) (1 + \epsilon)$$

D : 水路底面よりセキ線までの高さ (0.6m)

ε : 補正項 0 (Dが1m以下の時 = 0)

なお北須磨1号雨水幹線は、排水能力6.66m³/sec、流出係数0.8として112mm/hrの降雨を流出するように計画されており、流達時間は、10.1分に計画されている。



2.4 降雨, 流量データ

S 51. 7. 19

時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/5分)	時	分	ΔR (mm/5分)×10	WWF (m/5分)
9	00	15	0018	12	30	50	0289	16	00	0	0038
	5	20	0027		35	100	0398		5	0	0038
	10	20	0050		40	100	0489		10	0	0038
	15	20	0064		45	50	0370		15	0	0027
	20	20	0079		50	50	0428		20	0	0027
	25	10	0079		55	50	0428		25	0	0027
	30	10	0064	13	00	50	0521		30	0	0018
	35	10	0064		5	100	0489				
	40	10	0064		10	100	0620				
	45	05	0079		15	100	0554				
	50	05	0112		20	100	0315				
	55	05	0079		25	100	0263				
10	00	05	0064		30	100	0263				
	5	05	0050		35	100	0315				
	10	0	0050		40	100	0315				
	15	0	0027		45	75	0428				
	20	0	0018		50	75	0370				
	25	0	0018		55	75	0315				
	30	0	0018	14	00	75	0554				
	35	0	0018		5	75	0489				
	40	0	0018		10	75	0489				
	45	0	0018		15	75	0370				
	50	0	0018		20	75	0315				
	55	0	0018		25	25	0315				
11	00	0	0018		30	25	0263				
	5	0	0018		35	25	0239				
	10	10	0018		40	25	0215				
	15	20	0095		45	20	0215				
	20	20	0215		50	20	0171				
	25	20	0171		55	10	0150				
	30	30	0150	15	00	0	0130				
	35	60	0171		5	0	0095				
	40	90	0215		10	0	0079				
	45	30	0171		15	0	0064				
	50	20	0150		20	0	0050				
	55	25	0171		25	0	0050				
12	00	25	0485		30	0	0050				
	5	25	0690		35	0	0050				
	10	25	0428		40	0	0038				
	15	25	0458		45	0	0038				
	20	25	0398		50	0	0038				
	25	50	0263		55	0	0038				

S 51. 10. 20

時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
5	00	02	0007	8	30	0	0016				
	5	02	0007		35	0	0016				
	10	02	0007		40	0	0016				
	15	02	0007		45	0	0016				
	20	02	0008		50	0	0012				
	25	02	0008		55	0	0012				
	30	02	0008	9	00	0	0012				
	35	02	0008		5	0	0012				
	40	02	0008		10	0	0008				
	45	02	0008		15	0	0008				
	50	10	0008		20	0	0008				
	55	20	0016								
6	00	20	0040								
	5	20	0048								
	10	30	0064								
	15	50	0080								
	20	50	0096								
	25	30	0104								
	30	20	0112								
	35	50	0104								
	40	50	0112								
	45	50	0136								
	50	50	0144								
	55	50	0168								
7	00	80	0151								
	5	70	0176								
	10	50	0192								
	15	30	0200								
	20	30	0164								
	25	20	0104								
	30	20	0096								
	35	20	0064								
	40	20	0064								
	45	10	0060								
	50	0	0060								
	55	0	0060								
8	00	0	0060								
	5	0	0040								
	10	0	0024								
	15	0	0016								
	20	0	0016								
	25	0	0016								

S 51. 11. 10~11

時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)	時	分	ΔR (mm/5分)×10	WWF (m/s)
18	00	03	0004	21	30	25	0.120	1	00	0	0004
	5	03	0024		35	25	0.124				
	10	03	0032		40	25	0.128				
	15	03	0040		45	50	0.120				
	20	03	0032		50	50	0.112				
	25	03	0032		55	20	0.112				
	30	03	0032	22	00	15	0.096				
	35	03	0024		5	15	0.084				
	40	03	0020		10	25	0.084				
	45	03	0020		15	25	0.080				
	50	20	0016		20	20	0.084				
	55	30	0016		25	15	0.096				
19	00	20	0020		30	15	0.096				
	5	15	0036		35	125	0.080				
	10	15	0064		40	125	0.080				
	15	125	0.080		45	125	0.064				
	20	125	0.072		50	125	0.060				
	25	125	0.060		55	25	0.056				
	30	125	0.056	23	00	25	0.056				
	35	125	0.056		5	20	0.084				
	40	125	0.048		10	15	0.104				
	45	125	0.048		15	15	0.096				
	50	125	0.044		20	25	0.080				
	55	125	0.044		25	25	0.072				
20	00	125	0.044		30	0	0.064				
	5	125	0.044		35	0	0.072				
	10	125	0.056		40	0	0.080				
	15	125	0.064		45	0	0.072				
	20	125	0.064		50	0	0.064				
	25	125	0.064		55	0	0.056				
	30	125	0.056	24	00	0	0.044				
	35	25	0.056		5	0	0.040				
	40	25	0.044		10	0	0.036				
	45	25	0.056		15	0	0.024				
	50	25	0.072		20	0	0.024				
	55	25	0.096		25	0	0.022				
21	00	25	0.104		30	0	0.020				
	5	50	0.104		35	0	0.016				
	10	50	0.096		40	0	0.014				
	15	50	0.104		45	0	0.012				
	20	50	0.112		50	0	0.008				
	25	25	0.120		55	0	0.008				

S 52. 7. 4

時	分	ΔR (mm/5分) $\times 10$	WWF (m ³ /s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m ³ /s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m ³ /s)
10	00	023	0.003		30	026	0.003	17	00	0.	0.002
	5	023	0.003		35	026	0.003		5	0.	0.002
	10	023	0.003		40	026	0.003		10	0.	0.002
	15	023	0.003		45	026	0.003		15	0.	0.002
	20	023	0.003		50	026	0.003		20	0.	0.002
	25	023	0.003		55	083	0.004		25	0.	0.002
	30	071	0.003	14	00	083	0.004		30	0.	0.002
	35	071	0.003		5	083	0.004				
	40	071	0.003		10	083	0.004				
	45	071	0.003		15	083	0.016				
	50	071	0.003		20	083	0.032				
	55	071	0.004		25	083	0.020				
11	00	071	0.004		30	083	0.024				
	5	125	0.008		35	083	0.032				
	10	125	0.012		40	083	0.032				
	15	125	0.024		45	083	0.024				
	20	125	0.024		50	083	0.020				
	25	046	0.032		55	167	0.016				
	30	046	0.032	15	00	167	0.020				
	35	046	0.032		5	167	0.048				
	40	046	0.024		10	083	0.088				
	45	046	0.024		15	083	0.088				
	50	046	0.024		20	083	0.080				
	55	046	0.020		25	083	0.064				
12	00	046	0.020		30	083	0.052				
	5	046	0.020		35	083	0.040				
	10	046	0.020		40	083	0.032				
	15	046	0.020		45	083	0.032				
	20	026	0.020		50	083	0.032				
	25	026	0.020		55	083	0.028				
	30	026	0.016	16	00	083	0.024				
	35	026	0.012		5	083	0.016				
	40	026	0.012		10	0.	0.012				
	45	026	0.008		15	0.	0.008				
	50	026	0.008		20	0.	0.004				
	55	026	0.008		25	0.	0.004				
13	00	026	0.004		30	0.	0.003				
	5	026	0.004		35	0.	0.003				
	10	026	0.004		40	0.	0.003				
	15	026	0.003		45	0.	0.002				
	20	026	0.003		50	0.	0.002				
	25	026	0.003		55	0.	0.002				

S 62.9.28

[illegible]

S 52. 9. 29

時	分	ΔR (mm/5分)×10	WWF (m ³ /s)	時	分	ΔR (mm/5分)×10	WWF (m ³ /s)	時	分	ΔR (mm/5分)×10	WWF (m ³ /s)
3	00	0.	0.003		30	0.71	0.012				
	5	0.	0.003		35	25	0.020				
	10	0.	0.003		40	25	0.040				
	15	0.	0.003		45	25	0.056				
	20	0.	0.003		50	25	0.072				
	25	0.	0.003		55	50	0.088				
	30	0.25	0.003	7	00	50	0.144				
	35	0.25	0.003		5	50	0.200				
	40	0.25	0.003		10	25	0.304				
	45	0.25	0.003		15	25	0.240				
	50	0.25	0.003		20	125	0.144				
	55	0.25	0.003		25	125	0.104				
4	00	0.25	0.003		30	125	0.080				
	5	0.25	0.003		35	125	0.064				
	10	0.25	0.003		40	0.25	0.060				
	15	0.24	0.003		45	0.25	0.056				
	20	0.24	0.004		50	0.25	0.048				
	25	0.24	0.004		55	0.25	0.040				
	30	0.24	0.008	8	00	0.25	0.032				
	35	0.24	0.008		5	0.25	0.024				
	40	0.24	0.012		10	0.25	0.020				
	45	0.24	0.012		15	0.25	0.016				
	50	0.24	0.016		20	0.25	0.016				
	55	0.24	0.016		25	0.25	0.016				
5	00	0.24	0.016		30	0.25	0.016				
	5	0.24	0.012		35	0.25	0.012				
	10	0.24	0.008		40	0.25	0.012				
	15	0.24	0.008		45	0.25	0.012				
	20	0.24	0.006		50	0.25	0.012				
	25	0.24	0.004		55	0.25	0.012				
	30	0.24	0.006	9	00	0.25	0.008				
	35	0.24	0.006		5	0.25	0.008				
	40	0.24	0.008		10	0.25	0.008				
	45	0.24	0.008		15	0.25	0.008				
	50	0.24	0.008		20	0.	0.006				
	55	0.24	0.008		25	0.	0.006				
6	00	0.71	0.008		30	0.	0.006				
	5	0.71	0.006		35	0.	0.004				
	10	0.71	0.004		40	0.	0.004				
	15	0.71	0.004								
	20	0.71	0.006								
	25	0.71	0.008								

S 52.11.8

[illegible]

S 53. 1. 13

時	分	ΔR (mm/5分) $\times 10$	WWF (m ³ /s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m ³ /s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m ³ /s)
17	00	0.07	0.004		30	0.22	0.016				
	5	0.07	0.004		35	0.5	0.024				
	10	0.07	0.004		40	0.5	0.032				
	15	0.29	0.006		45	0.5	0.036				
	20	0.29	0.008		50	0.5	0.032				
	25	0.29	0.008		55	0.5	0.024				
	30	0.29	0.006	21	00	0.5	0.020				
	35	0.29	0.006		5	0.5	0.016				
	40	0.29	0.008		10	0.5	0.012				
	45	0.29	0.008		15	0.5	0.016				
	50	0.29	0.006		20	0.5	0.016				
	55	0.29	0.006		25	0.07	0.020				
18	00	0.29	0.008		30	0.07	0.040				
	5	0.29	0.016		35	0.07	0.048				
	10	0.29	0.016		40	0.07	0.048				
	15	0.29	0.016		45	0.07	0.040				
	20	0.29	0.020		50	0.07	0.036				
	25	0.29	0.024		55	0.07	0.028				
	30	0.29	0.024	22	00	0.07	0.020				
	35	0.29	0.020		5	0.07	0.016				
	40	0.22	0.016		10	0.07	0.016				
	45	0.22	0.016		15	0.07	0.012				
	50	0.22	0.016		20	0.07	0.010				
	55	0.22	0.012		25	0.07	0.008				
19	00	0.22	0.008		30	0.07	0.008				
	5	0.22	0.008		35	0.07	0.008				
	10	0.22	0.006		40	0.07	0.006				
	15	0.22	0.006		45	0.07	0.006				
	20	0.22	0.004		50	0.07	0.004				
	25	0.22	0.002		55	0.07	0.004				
	30	0.22	0.002	23	00	0.07	0.003				
	35	0.22	0.002		5	0.07	0.002				
	40	0.22	0.002		10	0.07	0.002				
	45	0.22	0.002								
	50	0.22	0.002								
	55	0.22	0.002								
20	00	0.22	0.002								
	5	0.22	0.002								
	10	0.22	0.002								
	15	0.22	0.004								
	20	0.22	0.008								
	25	0.22	0.012								

S 53. 9. 28

時	分	ΔR (mm/5分)×10	WWF (m³/s)	時	分	ΔR (mm/5分)×10	WWF (m³/s)	時	分	ΔR (mm/5分)×10	WWF (m³/s)
15	00										
	5										
	10										
	15										
	20										
	25	02	0002								
	30	03	0002								
	35	02	0002								
	40	01	0002								
	45	01	0003								
	50	01	0004								
	55	001	0008								
16	00	001	0014								
	5	001	0016								
	10	001	0011								
	15	001	0011								
	20	001	0008								
	25	001	0006								
	30	001	0004								
	35	001	0004								
	40	001	0004								
	45		0003								
	50		0003								
	55										
17	00										
	5										
	10										
	15										
	20										
	25										
	30										
	35										
	40										
	45										
	50										
	55										
	00										
	5										
	10										
	15										
	20										
	25										

S 53. 9. 29

時	分	ΔR (mm/5分)×10	WWF (m³/s)	時	分	ΔR (mm/5分)×10	WWF (m³/s)	時	分	ΔR (mm/5分)×10	WWF (m³/s)
4	35	004	0002	8	5	0025	0040	11	35		
	40	0125	0002		10	0025	0037		40		0004
	45	0125	0003		15	0025	0060		45		
	50	0125	0003		20	0025	0064		50		0003
	55	0125	0010		25	0025	0060		55		
5	00	025	0048		30	0025	0058				
	5	025	0104		35	0025	0064				
	10	0019	0096		40	0025	0096				
	15	0019	0064		45	0025	0136				
	20	0019	0040		50	0025	0204				
	25	0019	0028		55	0025	0200				
	30	0019	0020	9	00	0025	0176				
	35	0019	0016		5	0025	0264				
	40	0019	0014		10	0025	0504				
	45	0019	0008		15	0025	0400				
	50	0019	0006		20	0025	0272				
	55	0019	0004		25		0144				
6	00	0019	0003		30		0112				
	5	0019	0003		35		0060				
	10	0019	0003		40		0056				
	15	0019	0003		45		0056				
	20	0019	0002		50		0060				
	25	0019	0002		55		0060				
	30	0019	0002	10	00		0056				
	35	0019	0002		5						
	40	0019	0002		10		0056				
	45	0019	0002		15						
	50	0019	0002		20		0040				
	55	0019	0002		25						
7	00	0019	0002		30		0032				
	5	0019	0002		35						
	10	0019	0003		40		0016				
	15	0019	0008		45						
	20	0019	0011		50		0012				
	25	0125	0013		55						
	30	0125	0014	11	00		0010				
	35	0125	0048		5						
	40	0125	0064		10		0008				
	45	0025	0064		15						
	50	0025	0056		20		0006				
	55	0025	0048		25						
8	00	0025	0040		30		0004				

§ 53. 12. 4

時	分	ΔR (mm/5分)×10	WWF (m³/s)	時	分	ΔR (mm/5分)×10	WWF (m³/s)	時	分	ΔR (mm/5分)×10	WWF (m³/s)
13	50	0.036	0.004	17	20		0.112				
	55	0.036	0.004		25		0.104				
14	00	0.036	0.004		30		0.072				
	5	0.036	0.008		35		0.064				
	10	0.25	0.016		40		0.048				
	15	0.25	0.024		45		0.048				
	20	0.5	0.072		50		0.056				
	25	0.5	0.104		55		0.072				
	30	0.5	0.128	18	00		0.120				
	35	0.25	0.224		5						
	40	0.25	0.192		10		0.096				
	45	0.5	0.136		15						
	50	1.0	0.104		20		0.112				
	55	0.5	0.192		25						
15	00	0.8	0.464		30		0.072				
	5	0.4	0.408		35						
	10	0.5	0.304		40		0.048				
	15	0.15	0.216		45						
	20	0.15	0.208		50		0.056				
	25	0.25	0.192		55						
	30	0.25	0.208	19	00		0.088				
	35	0.063	0.208								
	40	0.063	0.096								
	45	0.063	0.080								
	50	0.063	0.072								
	55	0.063	0.080								
16	00	0.063	0.064								
	5	0.063	0.064								
	10	0.063	0.036								
	15	0.167	0.036								
	20	0.167	0.064								
	25	0.167	0.080								
	30		0.080								
	35		0.072								
	40		0.096								
	45		0.128								
	50		0.224								
	55		0.184								
17	00		0.120								
	5		0.120								
	10		0.096								
	15		0.088								

S 54. 1. 29

時	分	ΔR (mm/5分) $\times 10$	WWF (m^3/s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m^3/s)	時	分	ΔR (mm/5分) $\times 10$	WWF (m^3/s)
9	30		0.004	13	00		0.004				
	35	0.125	0.004		5						
	40	0.125	0.004		10		0.004				
	45	0.125	0.004		15						
	50	0.125	0.006		20		0.004				
	55	0.05	0.008		25						
10	00	0.05	0.012		30		0.004				
	5	0.05	0.016								
	10	0.05	0.016								
	15	0.05	0.016								
	20	0.05	0.016								
	25	0.05	0.016								
	30	0.05	0.016								
	35	0.05	0.016								
	40	0.05	0.016								
	45	0.1	0.016								
	50	0.1	0.016								
	55	0.1	0.016								
11	00	0.1	0.016								
	5	0.1	0.020								
	10	0.25	0.024								
	15	0.25	0.040								
	20	0.25	0.064								
	25	0.25	0.112								
	30	0.125	0.100								
	35	0.125	0.088								
	40	0.125	0.064								
	45	0.125	0.056								
	50		0.052								
	55		0.048								
12	00		0.032								
	5		0.028								
	10		0.024								
	15		0.016								
	20		0.016								
	25		0.012								
	30		0.008								
	35		0.008								
	40		0.006								
	45										
	50		0.006								
	55										

KITASUMADANCHI

KOBE

AME

NO. 1

51. 7.19

BOD

SBOD

NO.	TIME	FLOW (M3/SEC)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	0.018	-	-	I 5.87	0.11	-	-	I 2.89	0.05	-	-
2	005	0.027	7	7	I 5.98	0.16	0.04	0.04	I -	-	-	-
3	010	0.050	12	18	I 6.91	0.35	0.08	0.12	I 3.35	0.17	0.07	0.07
4	015	0.064	17	35	I 5.09	0.33	0.10	0.22	I -	-	-	-
5	020	0.079	21	57	I 4.79	0.38	0.11	0.32	I 2.96	0.23	0.12	0.19
6	025	0.079	24	81	I 4.68	0.37	0.11	0.43	I -	-	-	-
7	030	0.064	21	102	I 3.39	0.22	0.09	0.52	I 1.86	0.12	0.11	0.29
8	035	0.064	19	121	I 3.53	0.23	0.07	0.59	I -	-	-	-
9	040	0.064	19	140	I 3.02	0.19	0.06	0.65	I 1.58	0.10	0.07	0.36
10	045	0.079	21	162	I 3.02	0.24	0.06	0.72	I -	-	-	-
11	050	0.112	29	190	I 2.56	0.29	0.08	0.80	I 1.10	0.12	0.07	0.43
12	055	0.079	29	219	I 4.99	0.39	0.10	0.90	I -	-	-	-
13	100	0.064	21	241	I 5.23	0.33	0.11	1.01	I 2.77	0.18	0.09	0.52
14	105	0.050	17	258	I 3.38	0.17	0.08	1.08	I -	-	-	-
15	110	0.050	15	273	I 3.06	0.15	0.05	1.13	I 1.93	0.10	0.08	0.60
16	115	0.027	12	284	I 2.91	0.08	0.03	1.17	I -	-	-	-
17	120	0.018	7	291	I 2.85	0.05	0.02	1.19	I 1.54	0.03	0.04	0.64
18	125	0.018	5	296	I 2.76	0.05	0.02	1.20	I -	-	-	-
19	210	0.018	49	345	I 9.71	0.17	0.30	1.50	I 2.79	0.05	0.12	0.75
20	215	0.095	17	362	I 11.50	1.09	0.19	1.69	I -	-	-	-
21	220	0.215	46	408	I 9.26	1.99	0.46	2.16	I 2.46	0.53	0.17	0.93
22	225	0.171	58	466	I 7.40	1.27	0.49	2.64	I -	-	-	-
23	230	0.150	48	514	I 5.57	0.84	0.32	2.96	I 1.79	0.27	0.24	1.16
24	235	0.171	48	563	I 4.78	0.82	0.25	3.21	I -	-	-	-
25	240	0.215	58	621	I 3.66	0.79	0.24	3.45	I 1.58	0.34	0.18	1.35
26	245	0.171	58	678	I 3.51	0.60	0.21	3.66	I -	-	-	-
27	250	0.150	48	727	I 3.14	0.47	0.16	3.82	I 1.25	0.19	0.16	1.51
28	255	0.171	48	775	I 4.61	0.79	0.19	4.01	I -	-	-	-
29	300	0.458	94	869	I 6.96	3.19	0.60	4.60	I 2.46	1.13	0.39	1.90
30	305	0.690	172	1041	I 7.90	5.45	1.30	5.90	I -	-	-	-
31	310	0.428	168	1209	I 8.17	3.50	1.34	7.24	I 3.48	1.49	0.78	2.68
32	315	0.458	133	1342	I 5.91	2.71	0.93	8.17	I -	-	-	-
33	320	0.398	128	1470	I 2.91	1.16	0.58	8.75	I 1.07	0.43	0.57	3.26
34	325	0.263	99	1569	I 2.99	0.79	0.29	9.04	I -	-	-	-
35	330	0.289	83	1652	I 2.94	0.85	0.25	9.29	I 1.15	0.33	0.23	3.49
36	335	0.398	103	1755	I 3.71	1.48	0.35	9.64	I -	-	-	-
37	340	0.489	133	1888	I 2.65	1.30	0.42	10.05	I 1.15	0.56	0.27	3.76
38	345	0.370	129	2017	I 3.02	1.12	0.36	10.41	I -	-	-	-
39	350	0.428	120	2137	I 2.17	0.93	0.31	10.72	I 1.39	0.59	0.35	4.10
40	355	0.428	128	2265	I 2.65	1.13	0.31	11.03	I -	-	-	-
41	400	0.521	142	2408	I 3.38	1.76	0.43	11.46	I 1.27	0.66	0.38	4.48
42	405	0.489	151	2559	I 3.28	1.60	0.50	11.97	I -	-	-	-
43	410	0.620	166	2725	I 3.41	2.11	0.56	12.53	I 1.51	0.94	0.48	4.96
44	415	0.554	176	2902	I 3.21	1.78	0.58	13.11	I -	-	-	-
45	420	0.315	130	3032	I 1.62	0.51	0.34	13.45	I 1.05	0.33	0.38	5.34
46	425	0.263	87	3119	I 2.56	0.67	0.18	13.63	I -	-	-	-
47	430	0.263	79	3198	I 1.88	0.49	0.18	13.81	I 1.20	0.32	0.19	5.53
48	435	0.315	87	3284	I 2.12	0.67	0.17	13.98	I -	-	-	-
49	440	0.315	94	3379	I 1.73	0.54	0.18	14.16	I 1.08	0.34	0.20	5.73
50	445	0.428	111	3490	I 1.78	0.76	0.20	14.36	I -	-	-	-

KITASUMADANCHI KOBE

AME NO. 1

51. 7.19

BOD												SBOD	
NO.	TIME	FLOW (M3/SEC)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	
51	450	0.370	120	3610	I 1.42	0.53	0.19	14.55	I 1.17	0.43	0.23	5.96	
52	455	0.315	103	3713	I 1.93	0.61	0.17	14.72	I -	-	-	-	
53	500	0.554	130	3843	I 1.66	0.92	0.23	14.95	I 1.13	0.63	0.32	6.28	
54	505	0.489	156	3999	I 1.95	0.95	0.28	15.23	I -	-	-	-	
55	510	0.489	147	4146	I 1.71	0.84	0.27	15.50	I 0.91	0.44	0.32	6.60	
56	515	0.370	129	4275	I 2.36	0.87	0.26	15.76	I -	-	-	-	
57	520	0.315	103	4378	I 2.71	0.85	0.26	16.02	I 1.27	0.40	0.25	6.85	
58	530	0.263	173	4551	I 2.27	0.60	0.44	16.45	I -	-	-	-	
59	540	0.215	143	4695	I 2.57	0.55	0.34	16.80	I 1.10	0.24	0.38	7.24	
60	550	0.171	116	4810	I 2.34	0.40	0.29	17.08	I -	-	-	-	
61	600	0.130	90	4901	I 2.28	0.30	0.21	17.29	I 1.05	0.14	0.22	7.46	
62	610	0.079	63	4963	I 1.69	0.13	0.13	17.42	I -	-	-	-	
63	620	0.050	39	5002	I 1.23	0.06	0.06	17.48	I 1.01	0.05	0.11	7.57	
64	630	0.050	30	5032	I 1.45	0.07	0.04	17.52	I -	-	-	-	
65	640	0.038	26	5058	I 12.60	0.48	0.17	17.68	I 1.51	0.06	0.06	7.64	
66	700	0.038	46	5104	I 9.37	0.36	0.50	18.19	I -	-	-	-	
67	730	0.018	50	5154	I 8.13	0.15	0.45	18.64	I 1.32	0.02	0.12	7.76	

KITASUMADANCHI

KOBE

AME

NO. 1

51. 7.19

NO.	TIME	COD				SS				VSS			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	14.40	0.26	-	- I	50.70	0.91	-	- I	13.40	0.24	-	-
2	005	14.70	0.40	0.10	0.10 I	51.50	1.39	0.35	0.35 I	-	-	-	-
3	010	15.40	0.77	0.18	0.27 I	54.70	2.73	0.62	0.96 I	12.70	0.63	0.26	0.26
4	015	13.10	0.84	0.24	0.51 I	52.50	3.36	0.91	1.88 I	-	-	-	-
5	020	12.60	1.00	0.28	0.79 I	54.30	4.29	1.15	3.03 I	9.30	0.73	0.41	0.67
6	025	11.40	0.90	0.28	1.07 I	53.50	4.23	1.28	4.30 I	-	-	-	-
7	030	10.30	0.66	0.23	1.31 I	50.70	3.24	1.12	5.42 I	8.70	0.56	0.39	1.06
8	035	9.43	0.60	0.19	1.50 I	46.00	2.94	0.93	6.35 I	-	-	-	-
9	040	9.10	0.58	0.18	1.68 I	46.00	2.94	0.88	7.24 I	8.00	0.51	0.32	1.38
10	045	8.86	0.70	0.19	1.87 I	45.60	3.60	0.98	8.22 I	-	-	-	-
11	050	8.75	0.98	0.25	2.12 I	44.00	4.93	1.28	9.50 I	8.00	0.90	0.42	1.80
12	055	13.20	1.04	0.30	2.42 I	68.50	5.41	1.55	11.05 I	-	-	-	-
13	100	14.80	0.95	0.30	2.72 I	72.70	4.65	1.51	12.56 I	12.70	0.81	0.51	2.32
14	105	12.40	0.62	0.24	2.96 I	56.70	2.83	1.12	13.68 I	-	-	-	-
15	110	11.90	0.59	0.18	3.14 I	52.00	2.60	0.82	14.50 I	9.30	0.46	0.38	2.70
16	115	10.30	0.28	0.13	3.27 I	51.40	1.39	0.60	15.09 I	-	-	-	-
17	120	8.94	0.16	0.07	3.34 I	50.30	0.91	0.34	15.44 I	8.60	0.15	0.19	2.89
18	125	8.62	0.16	0.05	3.38 I	49.00	0.88	0.27	15.71 I	-	-	-	-
19	210	19.20	0.35	0.68	4.06 I	67.30	1.21	2.83	18.53 I	19.30	0.35	0.75	3.64
20	215	21.80	2.07	0.36	4.42 I	135.00	12.83	2.11	20.64 I	-	-	-	-
21	220	19.80	4.26	0.95	5.37 I	184.00	39.56	7.86	28.50 I	33.00	7.09	2.23	5.87
22	225	17.60	3.01	1.09	6.46 I	172.00	29.41	10.35	38.84 I	-	-	-	-
23	230	15.70	2.35	0.80	7.27 I	189.00	28.35	8.66	47.51 I	30.00	4.50	3.48	9.35
24	235	14.50	2.48	0.73	7.99 I	180.00	30.78	8.87	56.38 I	-	-	-	-
25	240	13.80	2.97	0.82	8.81 I	185.00	39.77	10.58	66.96 I	35.00	7.52	3.61	12.96
26	245	13.60	2.33	0.79	9.60 I	161.00	27.53	10.10	77.05 I	-	-	-	-
27	250	12.60	1.89	0.63	10.23 I	169.00	25.35	7.93	84.99 I	34.00	5.10	3.79	16.75
28	255	14.80	2.53	0.66	10.90 I	134.00	22.91	7.24	92.23 I	-	-	-	-
29	300	22.10	10.12	1.90	12.80 I	490.00	224.42	37.10	129.33 I	61.00	27.94	9.91	26.66
30	305	24.60	16.97	4.06	16.86 I	423.00	291.87	77.44	206.77 I	-	-	-	-
31	310	25.00	10.70	4.15	21.01 I	392.00	167.78	68.95	275.72 I	52.00	22.26	15.06	41.72
32	315	16.30	7.47	2.72	23.74 I	230.00	105.34	40.97	316.68 I	-	-	-	-
33	320	10.10	4.02	1.72	25.46 I	203.00	80.79	27.92	344.60 I	27.00	10.75	9.90	51.62
34	325	10.20	2.68	1.01	26.46 I	167.00	43.92	18.71	363.31 I	-	-	-	-
35	330	10.10	2.92	0.84	27.30 I	214.00	61.85	15.87	379.18 I	27.00	7.80	5.56	57.18
36	335	11.30	4.50	1.11	28.42 I	180.00	71.64	20.02	399.20 I	-	-	-	-
37	340	10.70	5.23	1.46	29.88 I	188.00	91.93	24.54	423.73 I	23.00	11.25	5.71	62.90
38	345	12.20	4.51	1.46	31.34 I	168.00	62.16	23.11	446.85 I	-	-	-	-
39	350	9.43	4.04	1.28	32.62 I	161.00	68.91	19.66	466.51 I	20.00	8.56	5.94	68.84
40	355	10.80	4.62	1.30	33.92 I	184.00	78.75	22.15	488.66 I	-	-	-	-
41	400	13.80	7.19	1.77	35.69 I	257.00	133.90	31.90	520.55 I	36.00	18.76	8.19	77.03
42	405	12.40	6.06	1.99	37.68 I	258.00	126.16	39.01	559.56 I	-	-	-	-
43	410	10.10	6.26	1.85	39.53 I	293.00	181.66	46.17	605.73 I	33.00	20.46	11.76	88.80
44	415	10.20	5.65	1.79	41.31 I	224.00	124.10	45.86	651.60 I	-	-	-	-
45	420	8.03	2.53	1.23	42.54 I	171.00	53.86	26.69	678.29 I	25.00	7.87	8.50	97.30
46	425	9.12	2.40	0.74	43.28 I	139.00	36.56	13.56	691.86 I	-	-	-	-
47	430	7.64	2.01	0.66	43.94 I	109.00	28.67	9.78	701.64 I	15.00	3.94	3.55	100.84
48	435	8.27	2.61	0.69	44.63 I	91.00	28.66	8.60	710.24 I	-	-	-	-
49	440	7.95	2.50	0.77	45.40 I	102.00	32.13	9.12	719.36 I	14.00	4.41	2.51	103.35
50	445	7.73	3.31	0.87	46.27 I	97.30	41.64	11.07	730.42 I	-	-	-	-

KITASUMADANCHI KOBE

AME NO. 1 Sl. 7.19

NO.	TIME	COD				SS				VSS			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	450	9.11	3.37	1.00	47.27 I	84.00	31.08	10.91	741.33 I	9.30	3.44	2.36	105.71
52	455	8.26	2.60	0.90	48.17 I	94.00	29.61	9.10	750.44 I	-	-	-	-
53	500	6.03	3.34	0.89	49.06 I	197.00	109.14	20.81	771.25 I	16.00	8.86	3.69	109.40
54	505	5.28	2.58	0.89	49.95 I	175.00	85.57	29.21	800.45 I	-	-	-	-
55	510	5.10	2.49	0.76	50.71 I	141.00	68.95	23.18	823.63 I	16.00	7.82	5.01	114.40
56	515	5.85	2.16	0.70	51.41 I	211.00	78.07	22.05	845.69 I	-	-	-	-
57	520	6.60	2.08	0.64	52.05 I	143.00	45.04	18.47	864.15 I	14.00	4.41	3.67	118.07
58	530	5.09	1.34	1.03	53.07 I	101.00	26.56	21.48	885.64 I	-	-	-	-
59	540	6.41	1.38	0.82	53.89 I	65.00	13.97	12.16	897.80 I	10.00	2.15	3.94	122.01
60	550	6.49	1.11	0.75	54.63 I	58.00	9.92	7.17	904.96 I	-	-	-	-
61	600	6.41	0.83	0.58	55.22 I	62.10	8.07	5.40	910.36 I	8.50	1.10	1.95	123.96
62	610	7.47	0.59	0.43	55.64 I	48.00	3.79	3.56	913.92 I	-	-	-	-
63	620	7.54	0.38	0.29	55.93 I	52.00	2.60	1.92	915.84 I	8.70	0.43	0.92	124.89
64	630	7.97	0.40	0.23	56.17 I	47.00	2.35	1.49	917.32 I	-	-	-	-
65	640	9.43	0.36	0.23	56.39 I	46.70	1.77	1.24	918.56 I	12.70	0.48	0.55	125.44
66	700	9.86	0.37	0.44	56.83 I	43.30	1.65	2.05	920.61 I	-	-	-	-
67	730	10.20	0.18	0.50	57.33 I	38.00	0.68	2.10	922.71 I	14.50	0.26	1.12	126.55

KITASUMADANCHI KOBE

AME NO. 1 51. 7.19

NO.	TIME	T-P				K-N			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	0.12	-	-	- I	1.68	0.03	-	-
2	005	-	-	-	- I	-	-	-	-
3	010	0.11	-	-	- I	1.32	0.07	0.03	0.03
4	015	-	-	-	- I	-	-	-	-
5	020	0.02	-	-	- I	1.34	0.11	0.05	0.08
6	025	-	-	-	- I	-	-	-	-
7	030	0.13	-	-	- I	1.29	0.08	0.06	0.14
8	035	-	-	-	- I	-	-	-	-
9	040	0.02	-	-	- I	1.22	0.08	0.05	0.19
10	045	-	-	-	- I	-	-	-	-
11	050	0.07	-	-	- I	1.21	0.14	0.06	0.25
12	055	-	-	-	- I	-	-	-	-
13	100	0.05	-	-	- I	1.32	0.08	0.07	0.32
14	105	-	-	-	- I	-	-	-	-
15	110	0.04	-	-	- I	0.85	0.04	0.04	0.35
16	115	-	-	-	- I	-	-	-	-
17	120	0.02	-	-	- I	0.93	0.02	0.02	0.37
18	125	-	-	-	- I	-	-	-	-
19	210	0.04	-	-	- I	1.64	0.03	0.07	0.44
20	215	-	-	-	- I	-	-	-	-
21	220	0.11	0.02	-	- I	3.65	0.78	0.24	0.68
22	225	-	-	-	- I	-	-	-	-
23	230	0.10	0.02	0.01	0.01 I	1.18	0.18	0.29	0.97
24	235	-	-	-	- I	-	-	-	-
25	240	0.02	-	-	0.02 I	1.26	0.27	0.13	1.11
26	245	-	-	-	- I	-	-	-	-
27	250	0.21	0.03	0.01	0.03 I	1.06	0.16	0.13	1.24
28	255	-	-	-	- I	-	-	-	-
29	300	0.08	0.04	0.02	0.05 I	1.54	0.71	0.26	1.50
30	305	-	-	-	- I	-	-	-	-
31	310	0.04	0.02	0.02	0.06 I	1.81	0.77	0.44	1.94
32	315	-	-	-	- I	-	-	-	-
33	320	0.01	-	-	0.07 I	0.99	0.39	0.35	2.29
34	325	-	-	-	- I	-	-	-	-
35	330	0.03	-	-	0.07 I	1.02	0.29	0.21	2.50
36	335	-	-	-	- I	-	-	-	-
37	340	0.05	0.02	-	0.08 I	0.96	0.47	0.23	2.73
38	345	-	-	-	- I	-	-	-	-
39	350	0.03	0.01	0.01	0.10 I	1.02	0.44	0.27	3.00
40	355	-	-	-	- I	-	-	-	-
41	400	0.09	0.05	0.02	0.11 I	1.23	0.64	0.32	3.32
42	405	-	-	-	- I	-	-	-	-
43	410	0.09	0.06	0.03	0.14 I	0.95	0.59	0.37	3.69
44	415	-	-	-	- I	-	-	-	-
45	420	0.02	-	0.02	0.16 I	0.85	0.27	0.26	3.95
46	425	-	-	-	- I	-	-	-	-
47	430	0.05	0.01	-	0.17 I	1.05	0.28	0.16	4.11
48	435	-	-	-	- I	-	-	-	-
49	440	0.18	0.06	0.02	0.19 I	0.93	0.29	0.17	4.28
50	445	-	-	-	- I	-	-	-	-

KITASUMADANCHI KOBE

AME

NO. 1

51. 7.19

		T-P				K-N				
NO.	TIME	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	
51	450	0.14	0.05	0.03	0.22	I	0.76	0.28	0.17	4.45
52	455	-	-	-	-	I	-	-	-	-
53	500	0.02	0.01	0.02	0.24	I	1.10	0.61	0.27	4.72
54	505	-	-	-	-	I	-	-	-	-
55	510	0.13	0.06	0.02	0.26	I	1.13	0.55	0.35	5.07
56	515	-	-	-	-	I	-	-	-	-
57	520	0.02	-	0.02	0.28	I	1.12	0.35	0.27	5.34
58	530	-	-	-	-	I	-	-	-	-
59	540	0.09	0.02	0.02	0.30	I	1.28	0.28	0.38	5.72
60	550	-	-	-	-	I	-	-	-	-
61	600	0.06	-	0.02	0.32	I	1.06	0.14	0.25	5.96
62	610	-	-	-	-	I	-	-	-	-
63	620	0.06	-	-	0.32	I	0.95	0.05	0.11	6.08
64	630	-	-	-	-	I	-	-	-	-
65	640	0.16	-	-	0.33	I	1.67	0.06	0.07	6.14
66	700	-	-	-	-	I	-	-	-	-
67	730	0.24	-	0.02	0.34	I	1.06	0.02	0.12	6.27

KITASUMADANCHI KOBE

AME NO. 1 51. 7.19

NO.	TIME	PH	COD-CR (MG/L)	TOC (MG/L)	TOD (MG/L)	RESI (MG/L)	VOLA (MG/L)	ABS (MG/L)	NO2 (MG/L)	NO3 (MG/L)	CL (MG/L)	COLI (X1000)	FECAL (X1000)	ZN (MG/L)
1	000	7.8	30.1	12.2	39.5	154.0	52.0	ND	0.070	0.766	8.610	4.200	0.130	0.128
2	005	7.9	-	-	-	-	-	-	-	-	-	-	-	-
3	010	7.8	33.4	12.6	40.6	149.0	45.0	ND	0.060	0.634	7.870	0.900	0.075	-
4	015	7.9	-	-	-	-	-	-	-	-	-	-	-	-
5	020	7.8	29.2	10.7	36.5	162.0	48.0	ND	0.060	0.686	7.500	2.000	0.037	0.128
6	025	8.0	-	-	-	-	-	-	-	-	-	-	-	-
7	030	7.8	28.7	10.7	32.4	139.0	41.0	ND	0.050	0.582	6.570	2.500	0.031	-
8	035	7.9	-	-	-	-	-	-	-	-	-	-	-	-
9	040	7.7	22.1	10.3	30.9	130.0	31.0	ND	0.050	0.606	6.020	2.200	0.036	0.086
10	045	7.9	-	-	-	-	-	-	-	-	-	-	-	-
11	050	7.7	20.1	8.0	28.1	141.0	34.0	ND	0.050	0.480	6.020	2.600	0.040	-
12	055	7.8	-	-	-	-	-	-	-	-	-	-	-	-
13	100	7.6	19.2	8.3	28.3	147.0	40.0	ND	0.050	0.560	5.650	2.900	0.027	0.108
14	105	7.8	-	-	-	-	-	-	-	-	-	-	-	-
15	110	7.6	20.0	8.3	27.1	125.0	32.0	ND	0.040	0.520	5.560	2.000	0.026	0.090
16	115	7.7	-	-	-	-	-	-	-	-	-	-	-	-
17	120	7.6	17.6	9.1	23.2	118.0	31.0	ND	0.040	0.549	5.690	2.200	0.024	0.086
18	125	7.7	-	-	-	-	-	-	-	-	-	-	-	-
19	210	7.6	33.5	17.3	49.2	150.0	33.0	ND	0.030	0.389	7.040	5.700	0.031	0.072
20	215	7.9	-	-	-	-	-	-	-	-	-	-	-	-
21	220	7.6	35.0	14.0	47.2	246.0	53.0	ND	0.040	0.583	7.220	5.100	0.028	0.216
22	225	7.9	-	-	-	-	-	-	-	-	-	-	-	-
23	230	7.8	20.1	8.9	27.5	249.0	40.0	ND	0.030	0.571	5.190	2.900	0.032	0.168
24	235	7.9	-	-	-	-	-	-	-	-	-	-	-	-
25	240	7.8	14.1	7.9	24.4	230.0	44.0	ND	0.030	0.469	4.860	2.500	0.043	0.164
26	245	7.9	-	-	-	-	-	-	-	-	-	-	-	-
27	250	7.8	12.1	6.0	21.5	222.0	40.0	ND	0.020	0.429	4.770	2.700	0.054	0.150
28	255	8.0	-	-	-	-	-	-	-	-	-	-	-	-
29	300	8.1	28.6	12.8	34.1	551.0	87.0	ND	0.020	0.526	3.700	5.000	0.340	0.286
30	305	8.6	-	-	-	-	-	-	-	-	-	-	-	-
31	310	8.1	31.7	13.2	38.5	406.0	59.0	ND	0.012	0.549	3.470	7.600	0.100	0.206
32	315	8.3	-	-	-	-	-	-	-	-	-	-	-	-
33	320	8.0	16.6	8.7	19.6	238.0	33.0	ND	0.014	0.440	3.470	3.500	0.120	0.096
34	325	8.1	-	-	-	-	-	-	-	-	-	-	-	-
35	330	7.8	10.9	6.0	15.0	254.0	37.0	ND	0.012	0.411	4.210	3.400	0.160	0.086
36	335	8.0	-	-	-	-	-	-	-	-	-	-	-	-
37	340	7.9	14.2	6.9	16.7	215.0	34.0	ND	0.012	0.314	3.700	3.900	0.180	0.096
38	345	7.9	-	-	-	-	-	-	-	-	-	-	-	-
39	350	7.8	10.0	5.1	13.8	212.0	32.0	ND	0.014	0.366	4.170	0.900	0.071	0.068
40	355	8.0	-	-	-	-	-	-	-	-	-	-	-	-
41	400	7.9	16.5	8.3	17.7	297.0	45.0	ND	0.012	0.469	3.700	0.800	0.083	0.142
42	405	8.1	-	-	-	-	-	-	-	-	-	-	-	-
43	410	7.9	11.9	4.6	14.0	295.0	41.0	ND	0.012	0.446	3.700	0.900	0.092	0.082
44	415	8.0	-	-	-	-	-	-	-	-	-	-	-	-
45	420	7.8	8.9	5.6	14.7	209.0	30.0	ND	0.013	0.440	3.660	1.000	0.080	0.068
46	425	7.9	-	-	-	-	-	-	-	-	-	-	-	-
47	430	7.6	9.1	4.6	13.8	195.0	36.0	ND	0.016	0.480	4.260	2.200	0.042	0.050
48	435	7.9	-	-	-	-	-	-	-	-	-	-	-	-
49	440	7.8	9.2	4.6	12.0	175.0	39.0	ND	0.017	0.491	4.440	0.570	0.048	0.048
50	445	7.8	-	-	-	-	-	-	-	-	-	-	-	-

KITASUMADANCHI

KOBÉ

AME

NO. 1

51. 7.19

NO.	TIME	PH	COD-CR (MG/L)	TOC (MG/L)	TOD (MG/L)	RESI (MG/L)	VOLA (MG/L)	ABS (MG/L)	NO2 (MG/L)	NO3 (MG/L)	CL (MG/L)	COLI (X1000)	FECAL (X1000)	ZN (MG/L)
51	450	7.7	9.5	5.1	12.5	153.0	34.0	ND	0.019	0.394	3.800	0.700	0.051	0.052
52	455	7.8	-	-	-	-	-	-	-	-	-	-	-	-
53	500	7.8	9.1	5.1	13.0	242.0	35.0	ND	0.016	0.429	3.840	1.900	0.086	0.062
54	505	7.9	-	-	-	-	-	-	-	-	-	-	-	-
55	510	7.7	10.3	5.6	13.0	200.0	31.0	ND	0.013	0.383	3.750	1.200	0.091	0.060
56	515	7.9	-	-	-	-	-	-	-	-	-	-	-	-
57	520	7.6	12.1	5.1	13.0	206.0	36.0	ND	0.018	0.423	3.980	1.000	0.090	0.054
58	530	7.8	-	-	-	-	-	-	-	-	-	-	-	-
59	540	7.6	12.1	6.0	13.4	177.0	40.0	ND	0.026	0.663	5.320	1.700	0.083	0.050
60	550	7.8	-	-	-	-	-	-	-	-	-	-	-	-
61	600	7.7	13.3	6.0	14.8	171.0	44.0	ND	0.030	0.811	5.690	1.600	0.070	-
62	610	7.8	-	-	-	-	-	-	-	-	-	-	-	-
63	620	7.8	13.9	6.9	14.4	185.0	47.0	ND	0.036	0.880	6.950	2.700	0.092	0.042
64	630	7.8	-	-	-	-	-	-	-	-	-	-	-	-
65	640	7.9	19.2	9.1	23.0	201.0	53.0	ND	0.038	1.330	8.610	2.100	0.076	-
66	700	8.0	-	-	-	-	-	-	-	-	-	-	-	-
67	730	8.1	18.8	10.6	25.3	221.0	63.0	ND	0.070	1.800	10.500	2.800	0.063	0.044

KITASUMADANCHI

KOBE

AME

NO. 1

51. 7.19

NO.	TIME	CU (MG/L)	PB (MG/L)	CR (MG/L)	NI (MG/L)	CD (MG/L)
1	000	0.012	0.016	0.003	0.005	0.001
2	005	-	-	-	-	-
3	010	-	-	-	-	-
4	015	-	-	-	-	-
5	020	0.012	0.020	0.002	0.006	0.001
6	025	-	-	-	-	-
7	030	-	-	-	-	-
8	035	-	-	-	-	-
9	040	0.011	0.017	0.002	0.006	0.001
10	045	-	-	-	-	-
11	050	-	-	-	-	-
12	055	-	-	-	-	-
13	100	0.012	0.018	0.003	0.005	0.001
14	105	-	-	-	-	-
15	110	0.010	0.017	0.004	0.004	0.001
16	115	-	-	-	-	-
17	120	0.011	0.016	0.004	0.005	0.001
18	125	-	-	-	-	-
19	210	0.009	0.016	0.002	0.004	0.001
20	215	-	-	-	-	-
21	220	0.015	0.038	0.005	0.009	0.001
22	225	-	-	-	-	-
23	230	0.013	0.028	0.005	0.009	0.001
24	235	-	-	-	-	-
25	240	0.011	0.026	0.004	0.008	0.001
26	245	-	-	-	-	-
27	250	0.011	0.024	0.004	0.006	0.001
28	255	-	-	-	-	-
29	300	0.019	0.055	0.009	0.013	0.001
30	305	-	-	-	-	-
31	310	0.016	0.038	0.008	0.012	0.001
32	315	-	-	-	-	-
33	320	0.008	0.020	0.004	0.007	0.002
34	325	-	-	-	-	-
35	330	0.007	0.020	0.004	0.007	0.001
36	335	-	-	-	-	-
37	340	0.008	0.022	0.004	0.006	0.001
38	345	-	-	-	-	-
39	350	0.006	0.016	0.003	0.005	0.001
40	355	-	-	-	-	-
41	400	0.012	0.029	0.005	0.010	0.001
42	405	-	-	-	-	-
43	410	0.007	0.023	0.004	0.008	0.001
44	415	-	-	-	-	-
45	420	0.008	0.020	0.004	0.005	0.001
46	425	-	-	-	-	-
47	430	0.005	0.014	0.004	0.005	0.001
48	435	-	-	-	-	-
49	440	0.005	0.014	0.002	0.004	0.001
50	445	-	-	-	-	-

KITASUMADANCHI

KOBE

AME

NO. 1

51. 7.19

NO.	TIME	CU (MG/L)	PB (MG/L)	CR (MG/L)	NI (MG/L)	CD (MG/L)
51	450	0.005	0.029	0.002	0.005	0.001
52	455	-	-	-	-	-
53	500	0.006	0.017	0.003	0.008	0.001
54	505	-	-	-	-	-
55	510	0.005	0.018	0.003	0.006	0.001
56	515	-	-	-	-	-
57	520	0.005	0.015	0.003	0.005	0.001
58	530	-	-	-	-	-
59	540	0.004	0.010	0.002	0.005	0.001
60	550	-	-	-	-	-
61	600	-	-	-	-	-
62	610	-	-	-	-	-
63	620	0.005	0.010	0.002	0.004	0.001
64	630	-	-	-	-	-
65	640	-	-	-	-	-
66	700	-	-	-	-	-
67	730	0.005	0.013	0.003	0.008	0.002

KITASUMADANCHI KOBE

AME NO. 2 51.10.20

800													S800			
NO.	TIME	FLOW (M3/SEC)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)				
1	000	0.008	-	-	I 7.88	0.06	-	-	I 4.13	0.03	-	-				
2	005	0.016	4	4	I 8.28	0.13	0.03	0.03	I -	-	-	-				
3	010	0.040	8	12	I 7.50	0.30	0.06	0.09	I 4.16	0.17	0.06	0.06				
4	015	0.048	13	25	I 8.88	0.43	0.11	0.20	I -	-	-	-				
5	020	0.064	17	42	I 8.00	0.51	0.14	0.34	I 4.08	0.26	0.13	0.19				
6	025	0.080	22	64	I 8.63	0.69	0.18	0.52	I -	-	-	-				
7	030	0.096	26	90	I 13.30	1.28	0.30	0.82	I 3.10	0.30	0.17	0.36				
8	035	0.104	30	120	I 15.10	1.57	0.43	1.25	I -	-	-	-				
9	040	0.112	32	152	I 15.50	1.74	0.50	1.74	I 3.15	0.35	0.20	0.55				
10	045	0.104	32	185	I 15.70	1.63	0.51	2.25	I -	-	-	-				
11	050	0.112	32	217	I 16.10	1.80	0.52	2.76	I 2.88	0.32	0.20	0.75				
12	055	0.136	37	254	I 14.80	2.01	0.57	3.34	I -	-	-	-				
13	100	0.144	42	296	I 13.20	1.90	0.59	3.92	I 2.22	0.32	0.19	0.95				
14	105	0.168	47	343	I 11.80	1.98	0.58	4.50	I -	-	-	-				
15	110	0.152	48	391	I 6.04	0.92	0.44	4.94	I 1.74	0.26	0.18	1.12				
16	115	0.176	49	440	I 5.88	1.03	0.29	5.23	I -	-	-	-				
17	120	0.192	55	496	I 5.16	0.99	0.30	5.54	I 1.49	0.29	0.17	1.29				
18	125	0.200	59	554	I 3.43	0.69	0.25	5.79	I -	-	-	-				
19	130	0.160	54	608	I 2.94	0.47	0.17	5.96	I 1.32	0.21	0.15	1.44				
20	135	0.104	40	648	I 3.74	0.39	0.13	6.09	I -	-	-	-				
21	140	0.096	30	678	I 4.81	0.46	0.13	6.22	I 2.05	0.20	0.12	1.56				
22	145	0.064	24	702	I 3.15	0.20	0.10	6.32	I -	-	-	-				
23	150	0.064	19	721	I 3.11	0.20	0.06	6.38	I 1.93	0.12	0.10	1.65				
24	155	0.060	19	740	I 2.46	0.15	0.05	6.43	I -	-	-	-				
25	200	0.060	18	758	I 2.94	0.18	0.05	6.48	I 1.55	0.09	0.06	1.72				
26	205	0.060	18	776	I 2.89	0.17	0.05	6.53	I -	-	-	-				
27	210	0.060	18	794	I 2.77	0.17	0.05	6.58	I 1.43	0.09	0.05	1.77				
28	215	0.040	15	809	I 4.00	0.16	0.05	6.63	I -	-	-	-				
29	220	0.024	10	818	I 3.62	0.09	0.04	6.67	I 2.15	0.05	0.04	1.81				
30	225	0.016	6	824	I 3.47	0.06	0.02	6.69	I -	-	-	-				
31	230	0.016	5	829	I 3.22	0.05	0.02	6.71	I 1.89	0.03	0.02	1.84				
32	235	0.016	5	834	I 3.16	0.05	0.02	6.72	I -	-	-	-				
33	240	0.016	5	839	I 3.26	0.05	0.02	6.74	I 1.32	0.02	0.02	1.85				
34	245	0.016	5	844	I 3.15	0.05	0.02	6.75	I -	-	-	-				
35	250	0.016	5	848	I 3.12	0.05	0.02	6.77	I 1.48	0.02	0.01	1.87				
36	255	0.016	5	853	I 3.03	0.05	0.01	6.78	I -	-	-	-				
37	300	0.012	4	857	I 2.65	0.03	0.01	6.79	I 1.74	0.02	0.01	1.88				
38	305	0.012	4	861	I 2.86	0.03	-	6.80	I -	-	-	-				
39	310	0.012	4	865	I 2.89	0.03	0.01	6.81	I 1.46	0.02	0.01	1.89				
40	315	0.012	4	868	I 2.74	0.03	0.01	6.82	I -	-	-	-				
41	320	0.008	3	871	I 2.70	0.02	-	6.83	I 1.29	0.01	-	1.90				
42	325	0.008	2	874	I 3.14	0.03	-	6.84	I -	-	-	-				
43	330	0.008	2	876	I 3.20	0.03	-	6.85	I 1.48	0.01	-	1.91				

KITASUMADANCHI

KOBE

AME

NO. 2

51.10.20

NO.	TIME	COD				SS				VSS			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG (LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG (LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG (LOAD) (KG)
1	000	15.60	0.12	-	-	27.30	0.22	-	-	8.30	0.07	-	-
2	005	14.70	0.24	0.05	0.05	23.80	0.38	0.09	0.09	-	-	-	-
3	010	13.60	0.54	0.12	0.17	19.00	0.76	0.17	0.26	7.00	0.28	0.10	0.10
4	015	15.00	0.72	0.19	0.36	16.30	0.78	0.23	0.49	-	-	-	-
5	020	14.00	0.90	0.24	0.60	18.00	1.15	0.29	0.78	7.00	0.45	0.22	0.32
6	025	14.70	1.18	0.31	0.91	19.10	1.53	0.40	1.18	-	-	-	-
7	030	19.40	1.86	0.46	1.37	63.30	6.08	1.14	2.33	18.30	1.76	0.66	0.98
8	035	19.80	2.06	0.59	1.96	72.70	7.56	2.05	4.37	-	-	-	-
9	040	25.00	2.80	0.73	2.69	133.00	14.90	3.37	7.74	35.00	3.92	1.70	2.69
10	045	17.50	1.82	0.69	3.38	101.00	10.50	3.81	11.55	-	-	-	-
11	050	17.60	1.97	0.57	3.95	91.30	10.23	3.11	14.66	24.40	2.73	2.00	4.68
12	055	14.90	2.03	0.60	4.55	90.00	12.24	3.37	18.03	-	-	-	-
13	100	14.90	2.15	0.63	5.17	105.00	15.12	4.10	22.13	27.90	4.02	2.03	6.71
14	105	13.00	2.18	0.65	5.82	94.50	15.88	4.65	26.78	-	-	-	-
15	110	17.10	2.60	0.72	6.54	137.00	20.82	5.50	32.29	22.00	3.34	2.21	8.92
16	115	11.00	1.94	0.68	7.22	122.00	21.47	6.34	38.63	-	-	-	-
17	120	12.10	2.32	0.64	7.86	145.00	27.84	7.40	46.03	20.00	3.84	2.16	11.07
18	125	9.33	1.87	0.63	8.49	149.00	29.80	8.65	54.67	-	-	-	-
19	130	9.28	1.48	0.50	8.99	136.00	21.76	7.73	62.41	16.00	2.56	1.92	12.99
20	135	9.45	0.98	0.37	9.36	147.00	15.29	5.56	67.97	-	-	-	-
21	140	9.78	0.94	0.29	9.65	153.00	14.69	4.50	72.46	17.00	1.63	1.26	14.25
22	145	8.80	0.56	0.23	9.87	114.00	7.30	3.30	75.76	-	-	-	-
23	150	8.67	0.55	0.17	10.04	110.00	7.04	2.15	77.91	13.60	0.87	0.75	15.00
24	155	8.35	0.50	0.16	10.20	88.30	5.30	1.85	79.76	-	-	-	-
25	200	8.48	0.51	0.15	10.35	93.80	5.63	1.64	81.40	12.50	0.75	0.49	15.49
26	205	7.95	0.48	0.15	10.50	77.50	4.65	1.54	82.94	-	-	-	-
27	210	8.08	0.48	0.14	10.64	74.20	4.45	1.37	84.31	11.70	0.70	0.44	15.92
28	215	8.61	0.34	0.12	10.77	72.10	2.88	1.10	85.41	-	-	-	-
29	220	8.04	0.19	0.08	10.85	69.30	1.66	0.68	86.09	9.30	0.22	0.28	16.20
30	225	7.69	0.12	0.05	10.90	62.40	1.00	0.40	86.49	-	-	-	-
31	230	8.48	0.14	0.04	10.94	57.90	0.93	0.29	86.78	9.30	0.15	0.11	16.31
32	235	8.29	0.13	0.04	10.98	56.00	0.90	0.27	87.05	-	-	-	-
33	240	7.95	0.13	0.04	11.01	55.30	0.88	0.27	87.32	7.90	0.13	0.08	16.39
34	245	7.90	0.13	0.04	11.05	54.20	0.87	0.26	87.58	-	-	-	-
35	250	7.82	0.13	0.04	11.09	53.60	0.86	0.26	87.84	7.20	0.12	0.07	16.47
36	255	7.76	0.12	0.04	11.13	55.50	0.89	0.26	88.10	-	-	-	-
37	300	7.69	0.09	0.03	11.16	47.90	0.57	0.22	88.32	8.60	0.10	0.07	16.53
38	305	8.14	0.10	0.03	11.19	48.70	0.58	0.17	88.49	-	-	-	-
39	310	8.93	0.11	0.03	11.22	47.50	0.57	0.17	88.67	8.70	0.10	0.06	16.59
40	315	8.21	0.10	0.03	11.25	50.20	0.60	0.18	88.84	-	-	-	-
41	320	7.82	0.06	0.02	11.27	51.30	0.41	0.15	88.99	7.30	0.06	0.05	16.64
42	325	7.95	0.06	0.02	11.29	52.90	0.42	0.13	89.12	-	-	-	-
43	330	8.02	0.06	0.02	11.31	53.50	0.43	0.13	89.25	9.50	0.08	0.04	16.68

KITASUMADANCHI

KOBE

AME

NO. 2

51.10.20

NO.	TIME	T-P				K-N			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	1.20	-	-	-	2.47	0.02	-	-
2	005	-	-	-	-	-	-	-	-
3	010	1.42	0.06	0.02	0.02	1.94	0.08	0.03	0.03
4	015	-	-	-	-	-	-	-	-
5	020	1.33	0.09	0.04	0.06	2.78	0.18	0.08	0.11
6	025	-	-	-	-	-	-	-	-
7	030	0.86	0.08	0.05	0.11	5.73	0.55	0.22	0.32
8	035	-	-	-	-	-	-	-	-
9	040	0.30	0.03	0.03	0.15	2.50	0.28	0.25	0.57
10	045	-	-	-	-	-	-	-	-
11	050	0.21	0.02	0.02	0.16	2.24	0.25	0.16	0.73
12	055	-	-	-	-	-	-	-	-
13	100	0.13	0.02	0.01	0.18	1.58	0.23	0.14	0.88
14	105	-	-	-	-	-	-	-	-
15	110	0.12	0.02	0.01	0.19	2.30	0.35	0.17	1.05
16	115	-	-	-	-	-	-	-	-
17	120	0.05	-	-	0.20	1.05	0.20	0.17	1.21
18	125	-	-	-	-	-	-	-	-
19	130	0.06	-	-	0.20	0.92	0.15	0.10	1.32
20	135	-	-	-	-	-	-	-	-
21	140	0.12	0.01	-	0.21	2.10	0.20	0.10	1.42
22	145	-	-	-	-	-	-	-	-
23	150	0.02	-	-	0.21	0.65	0.04	0.07	1.50
24	155	-	-	-	-	-	-	-	-
25	200	0.09	-	-	0.21	1.26	0.08	0.04	1.53
26	205	-	-	-	-	-	-	-	-
27	210	0.10	-	-	0.22	0.88	0.05	0.04	1.57
28	215	-	-	-	-	-	-	-	-
29	220	0.08	-	-	0.22	1.71	0.04	0.03	1.60
30	225	-	-	-	-	-	-	-	-
31	230	0.01	-	-	0.22	1.45	0.02	0.02	1.62
32	235	-	-	-	-	-	-	-	-
33	240	0.01	-	-	0.22	1.31	0.02	0.01	1.63
34	245	-	-	-	-	-	-	-	-
35	250	0.06	-	-	0.22	0.99	0.02	0.01	1.64
36	255	-	-	-	-	-	-	-	-
37	300	0.01	-	-	0.22	0.65	-	-	1.65
38	305	-	-	-	-	-	-	-	-
39	310	0.08	-	-	0.22	1.35	0.02	-	1.66
40	315	-	-	-	-	-	-	-	-
41	320	0.07	-	-	0.22	0.73	-	-	1.66
42	325	-	-	-	-	-	-	-	-
43	330	0.07	-	-	0.22	0.72	-	-	1.67

KITASUMADANCHI

KOBE

AME

NO. 2

51.10.20

NO.	TIME	PH	COD-CR (MG/L)	TOC (MG/L)	TOD (MG/L)	RESI (MG/L)	VOLA (MG/L)	ABS (MG/L)	NO2 (MG/L)	NO3 (MG/L)	CL (MG/L)	COLI (X1000)	FECAL (X1000)	ZN (MG/L)
1	000	7.7	28.6	10.3	38.2	446.0	96.0	ND	0.160	1.290	41.300	2.700	0.020	0.046
2	005	7.7	-	-	-	-	-	-	-	-	-	-	-	-
3	010	7.7	27.1	11.1	40.9	441.0	94.5	0.320	0.160	1.280	39.900	2.300	0.004	0.038
4	015	7.5	-	-	-	-	-	-	-	-	-	-	-	-
5	020	7.8	28.2	9.0	35.7	441.0	89.5	0.220	0.140	1.190	37.200	2.400	0.011	0.039
6	025	7.7	-	-	-	-	-	-	-	-	-	-	-	-
7	030	7.8	23.8	17.6	52.4	382.0	99.5	ND	0.180	1.550	32.100	4.400	0.075	0.130
8	035	7.6	-	-	-	-	-	-	-	-	-	-	-	-
9	040	7.9	32.0	12.5	41.7	276.0	80.0	ND	0.100	0.915	13.100	7.600	0.007	0.250
10	045	7.6	-	-	-	-	-	-	-	-	-	-	-	-
11	050	7.9	30.8	9.2	37.4	184.0	60.0	ND	0.046	0.732	6.390	7.500	0.240	0.190
12	055	7.6	-	-	-	-	-	-	-	-	-	-	-	-
13	100	7.8	27.7	10.1	39.6	177.0	52.0	ND	0.030	0.629	4.440	5.600	0.300	0.150
14	105	7.6	-	-	-	-	-	-	-	-	-	-	-	-
15	110	7.7	25.7	8.0	35.6	204.0	57.0	ND	0.026	0.539	4.300	3.700	0.250	0.150
16	115	7.7	-	-	-	-	-	-	-	-	-	-	-	-
17	120	7.6	24.0	7.3	32.2	214.0	43.0	ND	0.024	0.524	3.470	4.100	0.230	0.130
18	125	7.8	-	-	-	-	-	-	-	-	-	-	-	-
19	130	7.6	22.9	5.7	31.4	192.0	36.0	ND	0.018	0.544	3.610	2.400	0.410	0.130
20	135	7.8	-	-	-	-	-	-	-	-	-	-	-	-
21	140	7.6	22.6	6.3	29.5	196.0	42.0	ND	0.018	0.546	3.380	0.390	0.300	0.120
22	145	7.6	-	-	-	-	-	-	-	-	-	-	-	-
23	150	7.5	20.6	5.7	29.5	178.0	38.5	ND	0.020	0.512	3.060	3.000	0.072	0.094
24	155	7.6	-	-	-	-	-	-	-	-	-	-	-	-
25	200	7.4	23.2	3.5	24.0	168.0	30.5	ND	0.024	0.520	3.010	3.600	0.550	0.086
26	205	7.4	-	-	-	-	-	-	-	-	-	-	-	-
27	210	7.4	22.8	4.0	24.6	161.0	41.0	ND	0.026	0.576	3.980	2.200	0.360	0.086
28	215	7.4	-	-	-	-	-	-	-	-	-	-	-	-
29	220	7.4	22.8	7.5	29.6	155.0	41.5	ND	0.024	0.537	4.170	3.400	0.230	0.082
30	225	7.4	-	-	-	-	-	-	-	-	-	-	-	-
31	230	7.4	20.9	5.1	25.9	148.0	40.0	ND	0.024	0.537	3.700	3.400	0.210	0.097
32	235	7.4	-	-	-	-	-	-	-	-	-	-	-	-
33	240	7.4	21.6	4.8	25.5	148.0	35.0	ND	0.024	0.568	4.030	3.800	0.340	0.060
34	245	7.6	-	-	-	-	-	-	-	-	-	-	-	-
35	250	7.4	19.9	4.0	25.5	142.0	33.0	ND	0.024	0.534	4.030	2.800	0.260	0.057
36	255	7.4	-	-	-	-	-	-	-	-	-	-	-	-
37	300	7.3	19.9	5.5	26.0	145.0	36.0	ND	0.024	0.566	4.210	3.900	0.200	0.059
38	305	7.3	-	-	-	-	-	-	-	-	-	-	-	-
39	310	7.4	20.1	4.4	26.4	138.0	32.5	ND	0.024	0.537	5.190	4.200	0.390	0.055
40	315	7.4	-	-	-	-	-	-	-	-	-	-	-	-
41	320	7.4	23.5	5.6	27.6	142.0	31.5	ND	0.024	0.529	5.090	4.800	0.480	0.052
42	325	7.3	-	-	-	-	-	-	-	-	-	-	-	-
43	330	7.3	20.6	4.6	25.3	144.0	33.5	ND	0.024	0.524	5.320	4.600	0.460	0.060

KITASUMADANCHI

KOBE

AME

NO. 2

51.10.20

NO.	TIME	CU (MG/L)	PB (MG/L)	CR (MG/L)	NI (MG/L)	CD (MG/L)
1	000	0.011	0.013	0.001	0.012	0.002
2	005	-	-	-	-	-
3	010	0.008	0.011	0.001	0.010	0.002
4	015	-	-	-	-	-
5	020	0.009	0.014	0.001	0.045	0.002
6	025	-	-	-	-	-
7	030	0.014	0.017	0.001	0.043	0.002
8	035	-	-	-	-	-
9	040	0.022	0.034	0.002	0.027	0.001
10	045	-	-	-	-	-
11	050	0.014	0.022	0.001	0.027	0.001
12	055	-	-	-	-	-
13	100	0.012	0.020	0.001	0.027	0.001
14	105	-	-	-	-	-
15	110	0.013	0.020	0.001	0.040	0.001
16	115	-	-	-	-	-
17	120	0.012	0.020	0.001	0.033	0.001
18	125	-	-	-	-	-
19	130	0.011	0.017	0.001	0.025	0.001
20	135	-	-	-	-	-
21	140	0.010	0.029	0.001	0.025	0.001
22	145	-	-	-	-	-
23	150	0.008	0.026	0.001	0.023	0.001
24	155	-	-	-	-	-
25	200	0.009	0.012	0.001	0.015	0.001
26	205	-	-	-	-	-
27	210	0.008	0.014	0.001	0.012	0.001
28	215	-	-	-	-	-
29	220	0.007	0.011	0.001	0.010	0.001
30	225	-	-	-	-	-
31	230	0.008	0.010	0.001	0.002	0.001
32	235	-	-	-	-	-
33	240	0.007	0.010	0.001	0.012	0.001
34	245	-	-	-	-	-
35	250	0.007	0.010	0.001	0.005	0.001
36	255	-	-	-	-	-
37	300	0.007	0.014	0.001	0.004	0.001
38	305	-	-	-	-	-
39	310	0.007	0.010	0.001	0.003	0.001
40	315	-	-	-	-	-
41	320	0.007	0.010	0.001	0.001	0.001
42	325	-	-	-	-	-
43	330	0.009	0.010	0.001	0.003	0.001

BOD

SBOD

NO.	TIME	FLOW (M3/SEC)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	0.004	-	-	I 13.30	0.05	-	-	I 5.83	0.02	-	-
2	010	0.032	11	11	I 14.60	0.47	0.16	0.16	I -	-	-	-
3	020	0.032	19	30	I 14.40	0.46	0.28	0.43	I 4.16	0.13	0.09	0.09
4	030	0.032	19	49	I 16.70	0.53	0.30	0.73	I -	-	-	-
5	040	0.020	16	65	I 17.80	0.36	0.27	1.00	I 5.15	0.10	0.14	0.24
6	050	0.016	11	76	I 18.30	0.29	0.19	1.19	I -	-	-	-
7	100	0.020	11	86	I 19.10	0.38	0.20	1.40	I 4.79	0.10	0.12	0.35
8	105	0.036	8	95	I 18.30	0.66	0.16	1.55	I -	-	-	-
9	110	0.064	15	110	I 18.40	1.18	0.28	1.83	I 4.90	0.31	0.12	0.48
10	115	0.080	22	131	I 18.70	1.50	0.40	2.23	I -	-	-	-
11	120	0.072	23	154	I 17.40	1.25	0.41	2.64	I 4.96	0.36	0.20	0.68
12	125	0.060	20	174	I 18.80	1.13	0.36	3.00	I -	-	-	-
13	130	0.056	17	191	I 19.90	1.11	0.34	3.34	I 6.34	0.36	0.21	0.89
14	135	0.056	17	208	I 19.30	1.08	0.33	3.66	I -	-	-	-
15	140	0.048	16	224	I 19.80	0.95	0.30	3.97	I 5.62	0.27	0.19	1.08
16	145	0.048	14	238	I 18.20	0.87	0.27	4.24	I -	-	-	-
17	150	0.044	14	252	I 16.60	0.73	0.24	4.48	I 5.02	0.22	0.15	1.23
18	155	0.044	13	265	I 15.20	0.67	0.21	4.69	I -	-	-	-
19	200	0.044	13	278	I 12.60	0.55	0.18	4.88	I 5.17	0.23	0.13	1.36
20	205	0.044	13	292	I 11.20	0.49	0.16	5.03	I -	-	-	-
21	210	0.056	15	307	I 10.70	0.60	0.16	5.20	I 4.13	0.23	0.14	1.50
22	215	0.064	18	325	I 9.24	0.59	0.18	5.38	I -	-	-	-
23	220	0.064	19	344	I 8.18	0.52	0.17	5.54	I 4.65	0.30	0.16	1.66
24	225	0.064	19	363	I 8.18	0.52	0.16	5.70	I -	-	-	-
25	230	0.056	18	381	I 8.55	0.48	0.15	5.85	I 4.84	0.27	0.17	1.83
26	235	0.056	17	398	I 8.46	0.47	0.14	5.99	I -	-	-	-
27	240	0.044	15	413	I 8.55	0.38	0.13	6.12	I 4.68	0.21	0.14	1.97
28	245	0.056	15	428	I 7.93	0.44	0.12	6.24	I -	-	-	-
29	250	0.072	19	447	I 7.26	0.52	0.15	6.39	I 3.89	0.28	0.15	2.12
30	255	0.096	25	472	I 7.13	0.68	0.18	6.57	I -	-	-	-
31	300	0.104	30	502	I 6.05	0.63	0.20	6.77	I 3.23	0.34	0.18	2.30
32	305	0.104	31	533	I 6.21	0.65	0.19	6.96	I -	-	-	-
33	310	0.096	30	563	I 8.30	0.80	0.22	7.18	I 4.79	0.46	0.24	2.54
34	315	0.104	30	593	I 7.85	0.82	0.24	7.42	I -	-	-	-
35	320	0.112	32	626	I 6.83	0.76	0.24	7.65	I 3.01	0.34	0.24	2.78
36	325	0.120	35	661	I 7.68	0.92	0.25	7.91	I -	-	-	-
37	330	0.120	36	697	I 8.09	0.97	0.28	8.19	I 2.63	0.32	0.20	2.98
38	335	0.124	37	733	I 7.76	0.96	0.29	8.48	I -	-	-	-
39	340	0.128	38	771	I 7.41	0.95	0.29	8.77	I 1.75	0.22	0.16	3.14
40	345	0.120	37	808	I 6.34	0.76	0.26	9.02	I -	-	-	-
41	350	0.112	35	843	I 5.56	0.62	0.21	9.23	I 2.19	0.25	0.14	3.28
42	355	0.112	34	877	I 5.37	0.60	0.18	9.42	I -	-	-	-
43	400	0.096	31	908	I 5.15	0.49	0.16	9.58	I 2.31	0.22	0.14	3.42
44	405	0.084	27	935	I 5.03	0.42	0.14	9.72	I -	-	-	-
45	410	0.084	25	960	I 4.55	0.38	0.12	9.84	I 2.26	0.19	0.12	3.54
46	415	0.080	25	985	I 4.64	0.37	0.11	9.95	I -	-	-	-
47	420	0.084	25	1009	I 4.88	0.41	0.12	10.07	I 2.09	0.18	0.11	3.65
48	425	0.096	27	1036	I 5.15	0.49	0.14	10.20	I -	-	-	-
49	430	0.096	29	1065	I 5.63	0.54	0.16	10.36	I 0.97	0.09	0.08	3.73
50	435	0.080	26	1091	I 4.64	0.37	0.14	10.50	I -	-	-	-

KITASUMADANCHI

KOBE

AME

NO. 3

51.11.10

NO.	TIME	BOD						SBOD					
		FLOW (M3/SEC)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	
51	440	0.080	24	1115	I 4.35	0.35	0.11	10.60	I 1.33	0.11	0.06	3.79	
52	445	0.064	22	1137	I 4.24	0.27	0.09	10.70	I -	-	-	-	
53	450	0.060	19	1156	I 4.13	0.25	0.08	10.77	I 1.18	0.07	0.05	3.85	
54	455	0.056	17	1173	I 3.94	0.22	0.07	10.85	I -	-	-	-	
55	500	0.056	17	1190	I 4.31	0.24	0.07	10.91	I 1.00	0.06	0.04	3.88	
56	510	0.104	48	1238	I 5.56	0.58	0.25	11.16	I -	-	-	-	
57	520	0.080	55	1293	I 5.03	0.40	0.29	11.45	I 1.47	0.12	0.10	3.99	
58	530	0.064	43	1336	I 4.88	0.31	0.21	11.67	I -	-	-	-	
59	540	0.080	43	1379	I 3.96	0.32	0.19	11.86	I 1.68	0.13	0.15	4.14	
60	550	0.064	43	1423	I 3.85	0.25	0.17	12.03	I -	-	-	-	
61	600	0.044	32	1455	I 3.56	0.16	0.12	12.15	I 1.58	0.07	0.12	4.26	
62	610	0.036	24	1479	I 3.07	0.11	0.08	12.23	I -	-	-	-	
63	620	0.024	18	1497	I 3.10	0.07	0.06	12.28	I 1.68	0.04	0.07	4.33	
64	630	0.020	13	1510	I 3.23	0.06	0.04	12.32	I -	-	-	-	
65	640	0.014	10	1520	I 3.34	0.05	0.03	12.36	I 2.62	0.04	0.05	4.37	
66	650	0.008	7	1527	I 3.45	0.03	0.02	12.38	I -	-	-	-	
67	700	0.004	4	1531	I 3.56	0.01	0.01	12.39	I 1.47	-	0.03	4.40	

NO.	TIME	COD				SS				VSS			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	16.30	0.07	-	-	15.30	0.06	-	-	11.00	0.04	-	-
2	010	17.80	0.57	0.19	0.19	16.70	0.53	0.18	0.18	-	-	-	-
3	020	18.50	0.59	0.35	0.54	17.60	0.56	0.33	0.51	11.60	0.37	0.25	0.25
4	030	18.50	0.59	0.36	0.89	26.00	0.83	0.42	0.93	-	-	-	-
5	040	18.90	0.38	0.29	1.19	31.00	0.62	0.44	1.36	16.00	0.32	0.41	0.66
6	050	20.20	0.32	0.21	1.40	38.00	0.61	0.37	1.73	-	-	-	-
7	100	23.70	0.47	0.24	1.63	46.10	0.92	0.46	2.19	20.60	0.41	0.44	1.10
8	105	22.90	0.82	0.19	1.83	55.40	1.99	0.44	2.63	-	-	-	-
9	110	22.60	1.45	0.34	2.17	58.10	3.72	0.86	3.48	20.60	1.32	0.52	1.62
10	115	24.10	1.93	0.51	2.68	65.20	5.22	1.34	4.82	-	-	-	-
11	120	25.50	1.84	0.56	3.24	78.30	5.64	1.63	6.45	20.00	1.44	0.83	2.45
12	125	26.30	1.58	0.51	3.75	88.60	5.32	1.64	8.10	-	-	-	-
13	130	29.40	1.65	0.48	4.24	115.00	6.44	1.76	9.86	29.10	1.63	0.92	3.37
14	135	28.50	1.60	0.49	4.72	132.00	7.39	2.07	11.93	-	-	-	-
15	140	29.70	1.43	0.45	5.18	144.00	6.91	2.15	14.08	32.50	1.56	0.96	4.33
16	145	26.30	1.26	0.40	5.58	110.00	5.28	1.83	15.91	-	-	-	-
17	150	24.70	1.09	0.35	5.93	97.50	4.29	1.44	17.34	29.20	1.28	0.85	5.18
18	155	21.40	0.94	0.30	6.24	92.00	4.05	1.25	18.59	-	-	-	-
19	200	20.60	0.91	0.28	6.51	101.00	4.44	1.27	19.87	21.40	0.94	0.67	5.85
20	205	20.50	0.90	0.27	6.78	93.50	4.11	1.28	21.15	-	-	-	-
21	210	20.30	1.14	0.31	7.09	88.00	4.93	1.36	22.51	18.20	1.02	0.59	6.44
22	215	18.60	1.19	0.35	7.44	71.50	4.58	1.43	23.93	-	-	-	-
23	220	17.70	1.13	0.35	7.79	57.50	3.68	1.24	25.17	13.30	0.85	0.56	7.00
24	225	16.90	1.08	0.33	8.12	52.50	3.36	1.06	26.23	-	-	-	-
25	230	15.70	0.88	0.29	8.41	45.00	2.52	0.88	27.11	10.60	0.59	0.43	7.43
26	235	15.60	0.87	0.26	8.68	43.40	2.43	0.74	27.85	-	-	-	-
27	240	15.50	0.68	0.23	8.91	44.00	1.94	0.65	28.51	11.00	0.48	0.32	7.75
28	245	13.70	0.77	0.22	9.13	42.00	2.35	0.64	29.15	-	-	-	-
29	250	12.60	0.91	0.25	9.38	35.50	2.56	0.74	29.89	7.50	0.54	0.31	8.06
30	255	12.40	1.19	0.31	9.69	35.00	3.36	0.89	30.77	-	-	-	-
31	300	12.40	1.29	0.37	10.07	35.00	3.64	1.05	31.82	8.50	0.88	0.43	8.49
32	305	13.20	1.37	0.40	10.46	42.90	4.46	1.22	33.04	-	-	-	-
33	310	13.70	1.32	0.40	10.87	51.00	4.90	1.40	34.44	12.40	1.19	0.62	9.11
34	315	11.30	1.18	0.37	11.24	56.50	5.88	1.62	36.06	-	-	-	-
35	320	9.28	1.04	0.33	11.57	58.00	6.50	1.86	37.91	14.00	1.57	0.83	9.94
36	325	10.80	1.30	0.35	11.92	63.50	7.62	2.12	40.03	-	-	-	-
37	330	12.20	1.46	0.41	12.34	66.00	7.92	2.33	42.36	13.50	1.62	0.96	10.90
38	335	12.60	1.56	0.45	12.79	69.00	8.56	2.47	44.83	-	-	-	-
39	340	12.20	1.56	0.47	13.26	73.00	9.34	2.68	47.52	11.00	1.41	0.91	11.80
40	345	11.30	1.36	0.44	13.70	78.50	9.42	2.81	50.33	-	-	-	-
41	350	9.79	1.10	0.37	14.07	76.00	8.51	2.69	53.02	12.80	1.43	0.85	12.66
42	355	10.20	1.14	0.34	14.40	67.50	7.56	2.41	55.43	-	-	-	-
43	400	11.30	1.08	0.33	14.74	64.50	6.19	2.06	57.50	11.50	1.10	0.76	13.42
44	405	10.70	0.90	0.30	15.03	59.80	5.02	1.68	59.18	-	-	-	-
45	410	10.30	0.87	0.26	15.30	53.30	4.48	1.43	60.60	8.30	0.70	0.54	13.96
46	415	9.92	0.79	0.25	15.55	50.70	4.06	1.28	61.88	-	-	-	-
47	420	8.76	0.74	0.23	15.78	47.40	3.98	1.21	63.09	8.40	0.71	0.42	14.38
48	425	8.18	0.79	0.23	16.00	45.80	4.40	1.26	64.35	-	-	-	-
49	430	7.42	0.71	0.22	16.23	41.60	3.99	1.26	65.61	7.40	0.71	0.42	14.80
50	435	9.24	0.74	0.22	16.45	40.20	3.22	1.08	66.69	-	-	-	-

KITASUMADANCHI

KOBE

AME

NO. 3

51.11.10

NO.	TIME	COD				SS				VSS			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	440	10.30	0.82	0.23	16.68 I	40.00	3.20	0.96	67.65 I	7.00	0.56	0.38	15.18
52	445	9.92	0.63	0.22	16.90 I	39.60	2.53	0.86	68.51 I	-	-	-	-
53	450	9.28	0.56	0.18	17.08 I	38.00	2.28	0.72	69.23 I	7.00	0.42	0.29	15.48
54	455	8.76	0.49	0.16	17.24 I	37.70	2.11	0.66	69.89 I	-	-	-	-
55	500	9.28	0.52	0.15	17.39 I	36.40	2.04	0.62	70.51 I	6.40	0.36	0.23	15.71
56	510	9.64	1.00	0.46	17.84 I	49.00	5.10	2.14	72.65 I	-	-	-	-
57	520	8.25	0.66	0.50	18.34 I	46.00	3.68	2.63	75.29 I	8.00	0.64	0.60	16.31
58	530	8.50	0.54	0.36	18.70 I	42.00	2.69	1.91	77.20 I	-	-	-	-
59	540	10.30	0.82	0.41	19.11 I	40.00	3.20	1.77	78.96 I	7.30	0.58	0.73	17.05
60	550	8.63	0.55	0.41	19.53 I	38.20	2.44	1.69	80.66 I	-	-	-	-
61	600	7.01	0.31	0.26	19.79 I	34.70	1.53	1.19	81.85 I	5.70	0.25	0.50	17.55
62	610	7.19	0.26	0.17	19.96 I	26.50	0.95	0.74	82.59 I	-	-	-	-
63	620	7.22	0.17	0.13	20.09 I	27.70	0.66	0.49	83.08 I	5.30	0.13	0.23	17.77
64	630	7.86	0.16	0.10	20.18 I	28.10	0.56	0.37	83.45 I	-	-	-	-
65	640	8.25	0.12	0.08	20.27 I	29.30	0.41	0.29	83.74 I	5.30	0.07	0.12	17.89
66	650	7.94	0.06	0.05	20.32 I	28.40	0.23	0.19	83.93 I	-	-	-	-
67	700	7.73	0.03	0.03	20.35 I	26.00	0.10	0.10	84.03 I	4.30	0.02	0.05	17.95

KITASUMADANCHI KOBE

AME NO. 3 51.11.10

NO.	TIME	T-P				K-N			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	000	1.44	-	-	-	2.55	0.01	-	-
2	010	-	-	-	-	-	-	-	-
3	020	1.39	0.04	0.03	0.03	2.30	0.07	0.05	0.05
4	030	-	-	-	-	-	-	-	-
5	040	1.17	0.02	0.04	0.07	3.27	0.07	0.08	0.13
6	050	-	-	-	-	-	-	-	-
7	100	1.08	0.02	0.03	0.10	3.33	0.07	0.08	0.21
8	105	-	-	-	-	-	-	-	-
9	110	1.12	0.07	0.03	0.13	3.46	0.22	0.09	0.30
10	115	-	-	-	-	-	-	-	-
11	120	0.30	0.02	0.03	0.15	3.79	0.27	0.15	0.45
12	125	-	-	-	-	-	-	-	-
13	130	0.27	0.02	0.01	0.16	4.31	0.24	0.15	0.60
14	135	-	-	-	-	-	-	-	-
15	140	0.05	-	-	0.17	3.80	0.18	0.13	0.73
16	145	-	-	-	-	-	-	-	-
17	150	0.17	-	-	0.17	3.17	0.14	0.10	0.83
18	155	-	-	-	-	-	-	-	-
19	200	0.03	-	-	0.18	2.23	0.10	0.07	0.90
20	205	-	-	-	-	-	-	-	-
21	210	0.15	-	-	0.18	2.37	0.13	0.07	0.97
22	215	-	-	-	-	-	-	-	-
23	220	0.14	-	-	0.18	2.37	0.15	0.09	1.05
24	225	-	-	-	-	-	-	-	-
25	230	0.06	-	-	0.19	2.07	0.12	0.08	1.13
26	235	-	-	-	-	-	-	-	-
27	240	0.06	-	-	0.19	1.69	0.07	0.06	1.19
28	245	-	-	-	-	-	-	-	-
29	250	0.07	-	-	0.19	1.56	0.11	0.06	1.24
30	255	-	-	-	-	-	-	-	-
31	300	0.24	0.02	-	0.20	1.36	0.14	0.08	1.32
32	305	-	-	-	-	-	-	-	-
33	310	0.12	0.01	0.01	0.21	1.47	0.14	0.08	1.41
34	315	-	-	-	-	-	-	-	-
35	320	0.05	-	-	0.22	1.38	0.15	0.09	1.49
36	325	-	-	-	-	-	-	-	-
37	330	0.08	-	-	0.22	1.20	0.14	0.09	1.58
38	335	-	-	-	-	-	-	-	-
39	340	0.03	-	-	0.23	1.15	0.15	0.09	1.67
40	345	-	-	-	-	-	-	-	-
41	350	0.03	-	-	0.23	0.95	0.11	0.08	1.75
42	355	-	-	-	-	-	-	-	-
43	400	0.09	-	-	0.23	0.91	0.09	0.06	1.81
44	405	-	-	-	-	-	-	-	-
45	410	0.06	-	-	0.24	0.98	0.08	0.05	1.86
46	415	-	-	-	-	-	-	-	-
47	420	0.09	-	-	0.24	0.74	0.06	0.04	1.90
48	425	-	-	-	-	-	-	-	-
49	430	0.14	0.01	-	0.25	0.61	0.06	0.04	1.94
50	435	-	-	-	-	-	-	-	-

KITASUMADANCHI

KOBE

AME

NO. 3

51.11.10

NO.	TIME	T-P				K-N			
		CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG (LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG (LOAD) (KG)
51	440	0.05	-	-	0.25 I	0.65	0.05	0.03	1.97
52	445	-	-	-	- I	-	-	-	-
53	450	0.05	-	-	0.25 I	0.69	0.04	0.03	2.00
54	455	-	-	-	- I	-	-	-	-
55	500	0.08	-	-	0.26 I	0.69	0.04	0.02	2.02
56	510	-	-	-	- I	-	-	-	-
57	520	0.08	-	-	0.26 I	0.83	0.07	0.06	2.08
58	530	-	-	-	- I	-	-	-	-
59	540	0.07	-	-	0.27 I	0.87	0.07	0.08	2.17
60	550	-	-	-	- I	-	-	-	-
61	600	0.09	-	-	0.28 I	1.03	0.05	0.07	2.23
62	610	-	-	-	- I	-	-	-	-
63	620	0.07	-	-	0.28 I	1.24	0.03	0.05	2.28
64	630	-	-	-	- I	-	-	-	-
65	640	0.08	-	-	0.28 I	1.06	0.01	0.03	2.31
66	650	-	-	-	- I	-	-	-	-
67	700	0.14	-	-	0.28 I	0.65	-	0.01	2.32

KITASUMADANCHI

KOBE

AME

NO. 3

51.11.10

NO.	TIME	PH	COD-CR (MG/L)	TOC (MG/L)	TOD (MG/L)	RESI (MG/L)	VOLA (MG/L)	ABS (MG/L)	NO2 (MG/L)	NO3 (MG/L)	CL (MG/L)	COLI (X1000)	FECAL (X1000)	ZN (MG/L)
1	000	7.4	29.3	11.0	35.0	394.0	65.5	0.290	0.160	0.550	48.500	26.000	1.800	0.062
2	010	7.4	-	-	-	-	-	-	-	-	-	-	-	-
3	020	7.4	30.7	10.0	34.0	393.0	83.0	0.320	0.130	0.600	49.100	61.000	5.600	0.035
4	030	7.4	-	-	-	-	-	-	-	-	-	-	-	-
5	040	7.4	32.2	12.0	32.0	359.0	82.0	0.200	0.200	1.130	43.700	38.000	0.410	0.080
6	050	7.4	-	-	-	-	-	-	-	-	-	-	-	-
7	100	7.4	39.8	15.0	40.0	359.0	74.5	0.220	0.275	1.160	41.500	75.000	2.600	0.140
8	105	7.4	-	-	-	-	-	-	-	-	-	-	-	-
9	110	7.4	45.7	14.0	42.0	401.0	91.5	0.350	0.225	1.290	44.300	38.000	1.800	0.140
10	115	7.4	-	-	-	-	-	-	-	-	-	-	-	-
11	120	7.5	40.7	16.0	48.0	371.0	88.5	0.260	0.300	1.870	37.000	22.000	0.370	0.180
12	125	7.6	-	-	-	-	-	-	-	-	-	-	-	-
13	130	7.5	49.7	22.0	61.0	355.0	95.5	0.310	0.275	1.480	26.500	61.000	0.970	0.220
14	135	7.5	-	-	-	-	-	-	-	-	-	-	-	-
15	140	7.6	53.7	19.0	65.0	343.0	99.0	0.320	0.225	1.700	24.100	56.000	0.750	0.240
16	145	7.6	-	-	-	-	-	-	-	-	-	-	-	-
17	150	7.6	45.0	19.0	60.0	304.0	79.0	0.230	0.200	1.550	21.000	19.000	0.400	0.210
18	155	7.6	-	-	-	-	-	-	-	-	-	-	-	-
19	200	7.6	41.0	16.0	48.0	251.0	75.5	ND	0.175	1.390	18.100	7.500	0.120	0.190
20	205	7.6	-	-	-	-	-	-	-	-	-	-	-	-
21	210	7.6	41.1	15.0	45.0	224.0	64.0	ND	0.150	1.230	16.300	7.300	0.160	0.180
22	215	7.6	-	-	-	-	-	-	-	-	-	-	-	-
23	220	7.6	36.0	12.0	41.0	190.0	56.5	ND	0.140	1.120	14.800	5.700	0.170	0.160
24	225	7.6	-	-	-	-	-	-	-	-	-	-	-	-
25	230	7.6	32.6	12.0	35.0	165.0	44.0	ND	0.154	1.000	13.300	4.600	0.160	-
26	235	7.6	-	-	-	-	-	-	-	-	-	-	-	-
27	240	7.6	31.4	10.0	34.0	152.0	40.5	ND	0.152	0.983	12.400	5.500	0.170	0.130
28	245	7.6	-	-	-	-	-	-	-	-	-	-	-	-
29	250	7.6	26.1	10.0	31.0	137.0	43.5	ND	0.136	0.925	12.600	3.400	0.088	0.150
30	255	7.6	-	-	-	-	-	-	-	-	-	-	-	-
31	300	7.6	20.9	10.0	35.0	124.0	35.0	ND	0.100	0.867	10.600	3.500	0.062	0.120
32	305	7.6	-	-	-	-	-	-	-	-	-	-	-	-
33	310	7.6	21.1	10.0	35.0	135.0	38.0	ND	0.096	0.758	9.630	6.100	0.083	-
34	315	7.6	-	-	-	-	-	-	-	-	-	-	-	-
35	320	7.6	23.3	10.0	35.0	123.0	36.5	ND	0.092	0.675	8.700	4.800	0.076	0.120
36	325	7.6	-	-	-	-	-	-	-	-	-	-	-	-
37	330	7.6	21.5	9.0	35.0	140.0	47.0	ND	0.070	0.608	7.590	4.800	0.090	0.140
38	335	7.6	-	-	-	-	-	-	-	-	-	-	-	-
39	340	7.6	24.0	8.0	34.0	133.0	38.5	ND	0.066	0.567	7.410	8.300	0.170	0.140
40	345	7.6	-	-	-	-	-	-	-	-	-	-	-	-
41	350	7.6	20.0	7.0	33.0	140.0	36.5	ND	0.060	0.542	6.480	8.200	0.130	0.130
42	355	7.6	-	-	-	-	-	-	-	-	-	-	-	-
43	400	7.6	19.1	7.0	32.0	124.0	33.5	ND	0.056	0.480	6.300	4.100	0.160	0.100
44	405	7.6	-	-	-	-	-	-	-	-	-	-	-	-
45	410	7.6	21.0	7.0	27.0	117.0	33.5	ND	0.054	0.470	6.110	4.100	0.130	0.110
46	415	7.6	-	-	-	-	-	-	-	-	-	-	-	-
47	420	7.6	18.7	6.0	25.0	110.0	24.5	ND	0.050	0.460	5.740	3.700	0.230	0.100
48	425	7.6	-	-	-	-	-	-	-	-	-	-	-	-
49	430	7.6	18.3	6.0	21.0	109.0	23.0	ND	0.054	0.470	5.740	4.500	0.260	0.089
50	435	7.6	-	-	-	-	-	-	-	-	-	-	-	-

KITASUMADANCHI

KOBÉ

AME

NO. 3

51.11.10

NO.	TIME	PH	COD-CR (MG/L)	TOC (MG/L)	TOD (MG/L)	RESI (MG/L)	VOLA (MG/L)	ABS (MG/L)	NO2 (MG/L)	NO3 (MG/L)	CL (MG/L)	COLI (X1000)	FECAL (X1000)	ZN (MG/L)
51	440	7.6	19.8	7.0	22.0	107.0	20.5	ND	0.050	0.470	6.480	2.100	0.100	0.085
52	445	7.6	-	-	-	-	-	-	-	-	-	-	-	-
53	450	7.6	20.6	8.0	22.0	104.0	25.0	ND	0.050	0.480	6.480	3.100	0.150	0.097
54	455	7.6	-	-	-	-	-	-	-	-	-	-	-	-
55	500	7.6	20.1	7.0	21.0	103.0	24.0	ND	0.046	0.470	6.300	4.200	0.100	0.083
56	510	7.6	-	-	-	-	-	-	-	-	-	-	-	-
57	520	7.6	20.6	7.0	23.0	119.0	28.0	ND	0.054	0.500	6.670	5.100	0.095	0.150
58	530	7.6	-	-	-	-	-	-	-	-	-	-	-	-
59	540	7.6	17.5	7.0	23.0	113.0	30.0	ND	0.054	0.525	6.110	4.100	0.100	0.110
60	550	7.6	-	-	-	-	-	-	-	-	-	-	-	-
61	600	7.6	18.8	6.0	23.0	108.0	23.5	ND	0.046	0.500	6.670	2.200	0.140	0.080
62	610	7.6	-	-	-	-	-	-	-	-	-	-	-	-
63	620	7.6	18.2	5.0	22.0	111.0	29.5	ND	0.046	0.517	6.850	1.700	0.097	0.097
64	630	7.6	-	-	-	-	-	-	-	-	-	-	-	-
65	640	7.6	17.4	6.0	23.0	111.0	29.0	ND	0.046	0.525	6.480	1.600	0.079	0.082
66	650	7.6	-	-	-	-	-	-	-	-	-	-	-	-
67	700	7.6	17.9	5.0	23.0	107.0	32.0	ND	0.050	0.542	6.300	3.900	0.083	0.088

KITASUMADANCHI

KOBE

AME

NO. 3

51.11.10

NO.	TIME	CU (MG/L)	PB (MG/L)	CR (MG/L)	NI (MG/L)	CD (MG/L)
1	000	0.008	0.016	0.001	0.007	0.002
2	010	-	-	-	-	-
3	020	0.008	0.017	0.001	0.008	0.002
4	030	-	-	-	-	-
5	040	0.012	0.025	0.001	0.008	0.002
6	050	-	-	-	-	-
7	100	0.014	0.029	0.002	0.009	0.002
8	105	-	-	-	-	-
9	110	0.014	0.029	0.002	0.009	0.002
10	115	-	-	-	-	-
11	120	0.020	0.041	0.002	0.010	0.002
12	125	-	-	-	-	-
13	130	0.026	0.053	0.002	0.012	0.002
14	135	-	-	-	-	-
15	140	0.030	0.062	0.002	0.011	0.001
16	145	-	-	-	-	-
17	150	0.026	0.053	0.002	0.009	0.001
18	155	-	-	-	-	-
19	200	0.022	0.045	0.002	0.009	0.001
20	205	-	-	-	-	-
21	210	0.017	0.035	0.002	0.007	0.001
22	215	-	-	-	-	-
23	220	0.013	0.027	0.002	0.005	0.001
24	225	-	-	-	-	-
25	230	-	-	-	-	-
26	235	-	-	-	-	-
27	240	0.012	0.025	0.002	0.005	0.001
28	245	-	-	-	-	-
29	250	0.013	0.027	0.002	0.005	0.001
30	255	-	-	-	-	-
31	300	0.014	0.023	0.001	0.005	0.001
32	305	-	-	-	-	-
33	310	-	-	-	-	-
34	315	-	-	-	-	-
35	320	0.013	0.027	0.001	0.005	0.001
36	325	-	-	-	-	-
37	330	0.012	0.025	0.001	0.005	0.001
38	335	-	-	-	-	-
39	340	0.013	0.027	0.001	0.004	0.001
40	345	-	-	-	-	-
41	350	0.012	0.020	0.001	0.004	0.001
42	355	-	-	-	-	-
43	400	0.005	0.010	0.001	0.003	0.001
44	405	-	-	-	-	-
45	410	0.010	0.020	0.001	0.004	0.001
46	415	-	-	-	-	-
47	420	0.009	0.018	0.001	0.003	0.001
48	425	-	-	-	-	-
49	430	0.008	0.016	0.001	0.003	0.001
50	435	-	-	-	-	-

KITASUMADANCHI

KOBE

AME

NO. 3

51.11.10

NO.	TIME	CU (MG/L)	PB (MG/L)	CR (MG/L)	NI (MG/L)	CD (MG/L)
51	440	0.008	0.016	0.001	0.003	0.001
52	445	-	-	-	-	-
53	450	0.007	0.015	0.001	0.003	0.001
54	455	-	-	-	-	-
55	500	0.007	0.015	0.001	0.003	0.001
56	510	-	-	-	-	-
57	520	0.007	0.014	0.001	0.003	0.001
58	530	-	-	-	-	-
59	540	0.008	0.016	0.001	0.003	0.001
60	550	-	-	-	-	-
61	600	0.008	0.015	0.001	0.003	0.001
62	610	-	-	-	-	-
63	620	0.007	0.014	0.001	0.004	0.001
64	630	-	-	-	-	-
65	640	0.007	0.013	0.001	0.003	0.001
66	650	-	-	-	-	-
67	700	0.007	0.014	0.001	0.003	0.001

KITASUMADANCHI

KOBÉ

AME

NO.1

520704

0

800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1020	0.003	0.0	0.0 I	3.52	0.01	0.0	0.0 I	15.00	0.04	0.0	0.0
2	1040	0.003	3.60	3.6 I	3.74	0.01	0.0	0.0 I	16.30	0.05	0.1	0.1
3	1100	0.004	4.20	7.8 I	3.47	0.01	0.0	0.0 I	10.40	0.04	0.1	0.1
4	1110	0.012	4.80	12.6 I	3.62	0.04	0.0	0.0 I	12.00	0.14	0.1	0.2
5	1120	0.024	10.80	23.4 I	4.28	0.10	0.0	0.1 I	12.50	0.30	0.1	0.3
6	1130	0.032	16.80	40.2 I	9.22	0.30	0.1	0.2 I	40.40	1.29	0.5	0.8
7	1140	0.024	16.80	57.0 I	11.60	0.28	0.2	0.4 I	68.00	1.63	0.9	1.7
8	1150	0.024	14.40	71.4 I	12.70	0.30	0.2	0.6 I	83.00	1.99	1.1	2.7
9	1200	0.020	13.20	84.6 I	11.90	0.24	0.2	0.7 I	56.30	1.13	0.9	3.7
10	1210	0.020	12.00	96.6 I	10.80	0.22	0.1	0.9 I	65.00	1.30	0.7	4.4
11	1220	0.020	12.00	108.6 I	8.74	0.17	0.1	1.0 I	48.50	0.97	0.7	5.1
12	1230	0.016	10.80	119.4 I	8.26	0.13	0.1	1.1 I	46.00	0.74	0.5	5.6
13	1240	0.012	8.40	127.8 I	8.30	0.10	0.1	1.1 I	41.30	0.50	0.4	6.0
14	1250	0.008	6.00	133.8 I	7.89	0.06	0.0	1.2 I	45.30	0.36	0.3	6.2
15	1300	0.004	3.60	137.4 I	6.68	0.03	0.0	1.2 I	41.40	0.17	0.2	6.4
16	1320	0.003	4.20	141.6 I	6.50	0.02	0.0	1.2 I	43.00	0.13	0.2	6.6
17	1330	0.003	1.80	143.4 I	5.68	0.02	0.0	1.2 I	36.70	0.11	0.1	6.6
18	1350	0.003	3.60	147.0 I	5.49	0.02	0.0	1.3 I	41.80	0.13	0.1	6.8
19	1410	0.004	4.20	151.2 I	5.20	0.02	0.0	1.3 I	37.80	0.15	0.2	6.9
20	1420	0.032	10.80	162.0 I	4.90	0.16	0.1	1.3 I	47.50	1.52	0.5	7.4
21	1425	0.020	7.80	169.8 I	7.32	0.15	0.0	1.4 I	44.00	0.88	0.4	7.8
22	1430	0.024	6.60	176.4 I	4.10	0.10	0.0	1.4 I	45.60	1.09	0.3	8.1
23	1435	0.032	8.40	184.8 I	5.95	0.19	0.0	1.5 I	46.50	1.49	0.4	8.5
24	1440	0.032	9.60	194.4 I	5.11	0.16	0.1	1.5 I	49.40	1.58	0.5	8.9
25	1445	0.024	8.40	202.8 I	5.38	0.13	0.0	1.6 I	46.80	1.12	0.4	9.3
26	1450	0.020	6.60	209.4 I	6.45	0.13	0.0	1.6 I	50.00	1.00	0.3	9.7
27	1455	0.016	5.40	214.8 I	8.17	0.13	0.0	1.6 I	52.50	0.84	0.3	9.9
28	1500	0.020	5.40	220.2 I	5.79	0.12	0.0	1.7 I	51.80	1.04	0.3	10.2
29	1505	0.048	10.20	230.4 I	6.09	0.29	0.1	1.7 I	54.40	2.61	0.5	10.8
30	1510	0.088	20.40	250.8 I	6.36	0.56	0.1	1.9 I	63.30	5.57	1.2	12.0
31	1515	0.088	26.40	277.2 I	11.00	0.97	0.2	2.1 I	126.00	11.09	2.5	14.5
32	1520	0.080	25.20	302.4 I	13.90	1.11	0.3	2.4 I	124.00	9.92	3.2	17.6
33	1525	0.064	21.60	324.0 I	9.28	0.59	0.3	2.7 I	95.00	6.08	2.4	20.0
34	1530	0.052	17.40	341.4 I	7.07	0.37	0.1	2.8 I	85.30	4.44	1.6	21.6
35	1535	0.040	13.80	355.2 I	5.17	0.21	0.1	2.9 I	83.00	3.32	1.2	22.8
36	1540	0.032	10.80	366.0 I	5.04	0.16	0.1	3.0 I	73.80	2.36	0.9	23.6
37	1545	0.032	9.60	375.6 I	5.33	0.17	0.0	3.0 I	64.00	2.05	0.7	24.3
38	1550	0.032	9.60	395.2 I	4.97	0.16	0.0	3.1 I	58.80	1.88	0.6	24.9
39	1555	0.028	9.00	394.2 I	5.75	0.16	0.0	3.1 I	51.10	1.43	0.5	25.4
40	1600	0.024	7.80	402.0 I	4.54	0.11	0.0	3.1 I	50.00	1.20	0.4	25.8
41	1605	0.016	6.00	408.0 I	4.03	0.06	0.0	3.2 I	46.70	0.75	0.3	26.1
42	1610	0.012	4.20	412.2 I	3.19	0.04	0.0	3.2 I	48.90	0.59	0.2	26.3
43	1630	0.003	9.00	421.2 I	3.10	0.01	0.0	3.2 I	43.50	0.13	0.4	26.7
44	1700	0.002	4.50	425.7 I	2.91	0.01	0.0	3.2 I	41.20	0.08	0.2	26.9
45	1730	0.002	3.60	429.3 I	3.23	0.01	0.0	3.2 I	44.60	0.09	0.2	27.1

KITASUMADANCHI

KORE

AME

NO.1

520704

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1020	0.003	0.0	0.0 I	11.50	0.03	0.0	0.0 I				
2	1040	0.003	3.60	3.6 I	12.10	0.04	0.0	0.0 I	5.40	0.02	0.0	0.0
3	1100	0.004	4.20	7.8 I	10.70	0.04	0.0	0.1 I				
4	1110	0.012	4.80	12.6 I	11.30	0.14	0.1	0.1 I	5.00	0.06	0.1	0.1
5	1120	0.024	10.80	23.4 I	11.70	0.28	0.1	0.3 I				
6	1130	0.032	16.80	40.2 I	17.10	0.55	0.2	0.5 I	13.60	0.44	0.3	0.4
7	1140	0.024	16.80	57.0 I	18.50	0.44	0.3	0.8 I				
8	1150	0.024	14.40	71.4 I	20.80	0.50	0.3	1.1 I	25.00	0.60	0.6	1.0
9	1200	0.020	13.20	84.6 I	19.50	0.39	0.3	1.4 I				
10	1210	0.020	12.00	96.6 I	20.20	0.40	0.2	1.6 I	25.00	0.50	0.7	1.6
11	1220	0.020	12.00	108.6 I	16.80	0.34	0.2	1.8 I				
12	1230	0.016	10.80	119.4 I	16.60	0.27	0.2	2.0 I	17.00	0.27	0.5	2.1
13	1240	0.012	8.40	127.8 I	16.10	0.19	0.1	2.1 I				
14	1250	0.008	6.00	133.8 I	17.20	0.14	0.1	2.2 I	14.00	0.11	0.2	2.3
15	1300	0.004	3.60	137.4 I	16.80	0.07	0.1	2.3 I				
16	1320	0.003	4.20	141.6 I	15.70	0.05	0.1	2.4 I	13.50	0.04	0.1	2.5
17	1330	0.003	1.80	143.4 I	16.10	0.05	0.0	2.4 I				
18	1350	0.003	3.60	147.0 I	15.70	0.05	0.1	2.5 I	11.20	0.03	0.1	2.5
19	1410	0.004	4.20	151.2 I	15.30	0.06	0.1	2.5 I				
20	1420	0.032	10.80	162.0 I	15.10	0.48	0.2	2.7 I	12.00	0.38	0.4	2.9
21	1425	0.020	7.80	169.8 I	13.40	0.27	0.1	2.8 I				
22	1430	0.024	6.60	176.4 I	11.00	0.26	0.1	2.9 I	10.00	0.24	0.2	3.1
23	1435	0.032	8.40	184.8 I	12.70	0.41	0.1	3.0 I				
24	1440	0.032	9.60	194.4 I	13.90	0.44	0.1	3.1 I	12.90	0.41	0.2	3.3
25	1445	0.024	8.40	202.8 I	14.40	0.35	0.1	3.2 I				
26	1450	0.020	6.60	209.4 I	14.30	0.29	0.1	3.3 I	113.00	2.26	0.8	4.1
27	1455	0.016	5.40	214.8 I	14.70	0.24	0.1	3.4 I				
28	1500	0.020	5.40	220.2 I	14.20	0.28	0.1	3.5 I	11.80	0.24	0.7	4.9
29	1505	0.048	10.20	230.4 I	15.20	0.73	0.2	3.6 I				
30	1510	0.066	20.40	250.8 I	16.50	1.45	0.3	4.0 I	12.20	1.07	0.4	5.2
31	1515	0.088	26.40	277.2 I	18.50	1.63	0.5	4.4 I				
32	1520	0.080	25.20	302.4 I	20.60	1.65	0.5	4.9 I	23.60	1.89	0.9	6.1
33	1525	0.064	21.60	324.0 I	16.40	1.05	0.4	5.3 I				
34	1530	0.052	17.40	341.4 I	13.50	0.70	0.3	5.6 I	18.00	0.94	0.8	7.0
35	1535	0.040	13.80	355.2 I	11.70	0.47	0.2	5.8 I				
36	1540	0.032	10.80	366.0 I	11.80	0.38	0.1	5.9 I	14.40	0.46	0.4	7.4
37	1545	0.032	9.60	375.6 I	12.10	0.39	0.1	6.0 I				
38	1550	0.032	9.60	385.2 I	11.50	0.37	0.1	6.1 I	12.50	0.40	0.3	7.7
39	1555	0.028	9.00	394.2 I	10.30	0.29	0.1	6.2 I				
40	1600	0.024	7.80	402.0 I	9.95	0.24	0.1	6.3 I	12.20	0.29	0.2	7.9
41	1605	0.016	6.00	406.0 I	10.50	0.17	0.1	6.3 I				
42	1610	0.012	4.20	412.2 I	9.63	0.12	0.0	6.4 I	10.00	0.12	0.1	8.0
43	1630	0.003	9.00	421.2 I	9.82	0.03	0.1	6.5 I				
44	1700	0.002	4.50	425.7 I	9.95	0.02	0.0	6.5 I	7.20	0.01	0.2	8.2
45	1730	0.002	3.60	429.3 I	10.70	0.02	0.0	6.6 I				

KITASUMADANCHI

K08E

AME

NO.1

520704

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NO.	TIME	T-P				TKN						
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	1020	0.003	0.0	0.0 I								
2	1040	0.003	3.60	3.6 I	0.59	0.00	0.0	0.0 I	1.43	0.00	0.0	0.0
3	1100	0.004	4.20	7.8 I								
4	1110	0.012	4.80	12.6 I	0.59	0.01	7.9	7.9 I	1.24	0.01	17.3	17.3
5	1120	0.024	10.80	23.4 I								
6	1130	0.032	16.80	40.2 I	0.69	0.02	17.4	25.4 I	2.37	0.08	54.4	71.7
7	1140	0.024	16.80	57.0 I								
8	1150	0.024	14.40	71.4 I	0.45	0.01	19.7	45.1 I	3.06	0.07	89.6	161.3
9	1200	0.020	13.20	84.6 I								
10	1210	0.020	12.00	96.6 I	0.28	0.01	9.8	54.9 I	2.35	0.05	72.3	233.5
11	1220	0.020	12.00	108.6 I								
12	1230	0.016	10.80	119.4 I	0.25	0.00	5.8	60.7 I	1.71	0.03	44.6	278.1
13	1240	0.012	8.40	127.8 I								
14	1250	0.008	6.00	133.8 I	0.25	0.00	3.6	64.3 I	1.66	0.01	24.4	302.5
15	1300	0.004	3.60	137.4 I								
16	1320	0.003	4.20	141.6 I	0.23	0.00	2.4	66.7 I	1.36	0.00	15.6	318.1
17	1330	0.003	1.80	143.4 I								
18	1350	0.003	3.60	147.0 I	0.25	0.00	1.3	68.0 I	1.50	0.00	7.7	325.9
19	1410	0.004	4.20	151.2 I								
20	1420	0.032	10.80	162.0 I	0.24	0.01	7.6	75.6 I	1.94	0.06	59.9	385.8
21	1425	0.020	7.80	169.8 I								
22	1430	0.024	6.60	176.4 I	0.25	0.01	4.1	79.6 I	1.50	0.04	29.4	415.2
23	1435	0.032	8.40	184.8 I								
24	1440	0.032	9.60	194.4 I	0.19	0.01	3.5	83.2 I	1.79	0.06	28.0	443.2
25	1445	0.024	8.40	202.8 I								
26	1450	0.020	6.60	209.4 I	0.18	0.00	2.8	86.0 I	1.33	0.03	25.2	468.4
27	1455	0.016	5.40	214.8 I								
28	1500	0.020	5.40	220.2 I	0.23	0.00	2.4	88.4 I	1.56	0.03	17.3	485.7
29	1505	0.048	10.20	230.4 I								
30	1510	0.088	20.40	250.8 I	0.22	0.02	7.2	95.6 I	1.26	0.11	42.6	528.3
31	1515	0.088	26.40	277.2 I								
32	1520	0.080	25.20	302.4 I	0.21	0.02	10.8	106.5 I	1.48	0.12	68.8	597.1
33	1525	0.064	21.60	324.0 I								
34	1530	0.052	17.40	341.4 I	0.13	0.01	7.0	113.4 I	1.36	0.07	56.7	653.8
35	1535	0.040	13.80	355.2 I								
36	1540	0.032	10.80	366.0 I	0.18	0.01	3.7	117.1 I	0.88	0.03	29.7	683.5
37	1545	0.032	9.60	375.6 I								
38	1550	0.032	9.60	385.2 I	0.19	0.01	3.5	120.6 I	0.76	0.02	15.8	699.3
39	1555	0.028	9.00	394.2 I								
40	1600	0.024	7.80	402.0 I	0.14	0.00	2.8	123.4 I	0.68	0.02	12.2	711.5
41	1605	0.016	6.00	408.0 I								
42	1610	0.012	4.20	412.2 I	0.12	0.00	1.5	124.9 I	0.75	0.01	7.6	719.1
43	1630	0.003	9.00	421.2 I								
44	1700	0.002	4.50	425.7 I	0.13	0.00	2.5	127.5 I	0.76	0.00	15.7	734.8
45	1730	0.002	3.60	429.3 I								

KITASUMADANCHI

K08E

AME

NO.1

520704

0

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1020	0.003	0.0	0.0								
2	1040	0.003	3.60	3.6	0.0	1800.	0.10	0.04	0.00	0.00	0.04	0.02
3	1100	0.004	4.20	7.8								
4	1110	0.012	4.80	12.6	0.0	780.	0.05	0.03	0.00	0.00	0.04	0.01
5	1120	0.024	10.80	23.4								
6	1130	0.032	16.80	40.2	0.0	7000.	0.09	0.04	0.00	0.00	0.04	0.02
7	1140	0.024	16.80	57.0								
8	1150	0.024	14.40	71.4	0.0	2800.	0.33	0.06	0.00	0.00	0.03	0.02
9	1200	0.020	13.20	84.6								
10	1210	0.020	12.00	96.6	0.0	3200.	0.13	0.03	0.00	0.00	0.03	0.02
11	1220	0.020	12.00	108.6								
12	1230	0.016	10.80	119.4	0.0	2000.	0.11	0.02	0.00	0.00	0.02	0.02
13	1240	0.012	8.40	127.8								
14	1250	0.008	6.00	133.8	0.0	3100.	0.10	0.02	0.00	0.00	0.02	0.01
15	1300	0.004	3.60	137.4								
16	1320	0.003	4.20	141.6	0.0	2100.	0.10	0.02	0.00	0.00	0.01	0.01
17	1330	0.003	1.80	143.4								
18	1350	0.003	3.60	147.0	0.0	1900.	0.10	0.02	0.00	0.00	0.02	0.01
19	1410	0.004	4.20	151.2								
20	1420	0.032	10.80	162.0	0.0	730.	0.10	0.02	0.00	0.00	0.02	0.02
21	1425	0.020	7.80	169.8								
22	1430	0.024	6.60	176.4	0.0	240.	0.08	0.02	0.00	0.01	0.02	0.02
23	1435	0.032	8.40	184.8								
24	1440	0.032	9.60	194.4	0.0	1200.	0.10	0.02	0.00	0.00	0.02	0.02
25	1445	0.024	8.40	202.8								
26	1450	0.020	6.60	209.4	0.0	1600.	0.10	0.02	0.00	0.00	0.02	0.02
27	1455	0.016	5.40	214.8								
28	1500	0.020	5.40	220.2	0.0	1700.	0.11	0.02	0.00	0.00	0.02	0.02
29	1505	0.048	10.20	230.4								
30	1510	0.088	20.40	250.8	0.0	2800.	0.12	0.02	0.00	0.00	0.02	0.02
31	1515	0.088	26.40	277.2								
32	1520	0.080	25.20	302.4	0.0	1600.	0.26	0.03	0.00	0.00	0.02	0.03
33	1525	0.064	21.60	324.0								
34	1530	0.052	17.40	341.4	0.0	1400.	0.13	0.02	0.00	0.00	0.02	0.02
35	1535	0.040	13.80	355.2								
36	1540	0.032	10.80	366.0	0.0	2000.	0.11	0.02	0.00	0.00	0.02	0.02
37	1545	0.032	9.60	375.6								
38	1550	0.032	9.60	385.2	0.0	2400.	0.09	0.02	0.00	0.00	0.02	0.02
39	1555	0.028	9.00	394.2								
40	1600	0.024	7.20	402.0	0.0	1700.	0.08	0.01	0.00	0.00	0.03	0.01
41	1605	0.016	5.00	408.0								
42	1610	0.012	4.20	412.2	0.0	1900.	0.11	0.01	0.00	0.00	0.02	0.01
43	1630	0.003	9.00	421.2								
44	1700	0.002	4.50	425.7	0.0	1700.	0.08	0.01	0.00	0.00	0.02	0.02
45	1730	0.002	3.60	429.3								

KITASUMADANCHI

K08E

AME

NO.2

520928

520929

800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	2140	0.008	0.0	0.0 I	3.61	0.03	0.0	0.0 I	4.80	0.04	0.0	0.0
2	2210	0.012	18.00	18.0 I	6.48	0.08	0.1	0.1 I	16.20	0.19	0.2	0.2
3	2300	0.003	22.50	40.5 I	9.15	0.03	0.2	0.3 I	23.60	0.07	0.4	0.6
4	420	0.004	67.20	107.7 I	6.07	0.02	0.5	0.8 I	14.00	0.06	1.2	1.8
5	440	0.012	9.60	117.3 I	4.69	0.06	0.0	0.8 I	10.00	0.12	0.1	1.9
6	500	0.016	16.80	134.1 I	4.67	0.07	0.1	0.9 I	9.10	0.15	0.2	2.1
7	520	0.006	13.20	147.3 I	5.24	0.03	0.1	0.9 I	12.50	0.07	0.1	2.2
8	540	0.008	8.40	155.7 I	4.96	0.04	0.0	1.0 I	11.10	0.09	0.1	2.3
9	600	0.008	9.60	165.3 I	4.72	0.04	0.0	1.0 I	11.00	0.09	0.1	2.4
10	620	0.006	8.40	173.7 I	4.24	0.03	0.0	1.1 I	13.50	0.08	0.1	2.5
11	630	0.012	5.40	179.1 I	3.77	0.05	0.0	1.1 I	9.50	0.11	0.1	2.6
12	640	0.040	15.60	194.7 I	3.65	0.15	0.1	1.1 I	12.30	0.49	0.2	2.8
13	645	0.056	14.40	209.1 I	3.24	0.18	0.0	1.2 I	11.50	0.64	0.2	2.9
14	650	0.072	19.20	228.3 I	4.46	0.32	0.1	1.3 I	27.10	1.95	0.4	3.3
15	655	0.088	24.00	252.3 I	6.61	0.58	0.1	1.4 I	53.50	4.71	1.0	4.3
16	700	0.144	34.80	287.1 I	17.30	2.49	0.5	1.9 I	82.50	11.88	2.5	6.8
17	705	0.200	51.60	338.7 I	12.20	2.44	0.7	2.6 I	91.50	18.30	4.5	11.3
18	710	0.304	75.60	414.3 I	9.69	2.95	0.8	3.4 I	143.00	43.47	9.3	20.6
19	715	0.240	81.60	495.9 I	12.10	2.90	0.9	4.3 I	139.00	33.36	11.5	32.1
20	720	0.144	57.60	553.5 I	6.34	0.91	0.6	4.9 I	126.00	18.14	7.7	39.9
21	725	0.104	37.20	590.7 I	5.07	0.53	0.2	5.1 I	106.00	11.02	4.4	44.2
22	730	0.080	27.60	618.3 I	4.46	0.36	0.1	5.2 I	98.00	7.84	2.8	47.1
23	735	0.064	21.60	639.9 I	4.09	0.26	0.1	5.3 I	85.00	5.44	2.0	49.1
24	740	0.060	18.60	658.5 I	4.34	0.26	0.1	5.4 I	74.70	4.48	1.5	50.5
25	745	0.056	17.40	675.9 I	3.33	0.19	0.1	5.5 I	61.20	3.43	1.2	51.7
26	750	0.048	15.60	691.5 I	3.55	0.17	0.1	5.5 I	55.30	2.65	0.9	52.6
27	755	0.040	13.20	704.7 I	2.35	0.09	0.0	5.5 I	43.90	1.76	0.7	53.3
28	800	0.032	10.80	715.5 I	3.17	0.10	0.0	5.6 I	46.60	1.50	0.5	53.8
29	805	0.024	8.40	723.9 I	3.11	0.07	0.0	5.6 I	41.60	1.00	0.4	54.2
30	810	0.020	6.60	730.5 I	3.07	0.06	0.0	5.6 I	42.00	0.84	0.3	54.4
31	815	0.016	5.40	735.9 I	2.99	0.05	0.0	5.6 I	36.30	0.58	0.2	54.7
32	820	0.016	4.80	740.7 I	2.91	0.05	0.0	5.7 I	37.70	0.60	0.2	54.8
33	825	0.016	4.80	745.5 I	2.76	0.04	0.0	5.7 I	31.90	0.51	0.2	55.0
34	830	0.016	4.80	750.3 I	2.81	0.04	0.0	5.7 I	32.70	0.52	0.2	55.2
35	840	0.012	8.40	758.7 I	2.63	0.03	0.0	5.7 I	26.00	0.31	0.3	55.4
36	910	0.008	18.00	776.7 I	2.57	0.02	0.0	5.7 I	25.70	0.21	0.5	55.9
37	940	0.004	10.80	787.5 I	3.19	0.01	0.0	5.8 I	21.50	0.09	0.3	56.1

KITASUMADANCHI

K05E

AME

NO.2

520928

520929

COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	2140	0.008	0.0	0.0 I	10.20	0.08	0.0	0.0 I				
2	2210	0.012	18.00	18.0 I	13.10	0.16	0.2	0.2 I	5.60	0.07	0.0	0.0
3	2300	0.003	22.50	40.5 I	16.10	0.05	0.3	0.5 I				
4	420	0.004	67.20	107.7 I	14.90	0.06	1.0	1.6 I	5.00	0.02	1.0	1.0
5	440	0.012	9.60	117.3 I	12.80	0.15	0.1	1.7 I				
6	500	0.016	16.80	134.1 I	14.00	0.22	0.2	1.9 I	3.70	0.06	0.1	1.1
7	520	0.006	13.20	147.3 I	13.00	0.08	0.2	2.1 I				
8	540	0.008	8.40	155.7 I	14.80	0.12	0.1	2.2 I	7.90	0.06	0.1	1.2
9	600	0.008	9.60	165.3 I	14.50	0.12	0.1	2.4 I				
10	620	0.006	8.40	173.7 I	14.50	0.09	0.1	2.5 I	4.70	0.03	0.1	1.3
11	630	0.012	5.40	179.1 I	12.70	0.15	0.1	2.5 I				
12	640	0.040	15.60	194.7 I	14.20	0.57	0.2	2.8 I	3.50	0.14	0.1	1.4
13	645	0.056	14.40	209.1 I	13.10	0.73	0.2	3.0 I				
14	650	0.072	19.20	228.3 I	12.00	0.86	0.2	3.2 I	6.50	0.47	0.2	1.6
15	655	0.088	24.00	252.3 I	13.10	1.15	0.3	3.5 I				
16	700	0.144	34.80	287.1 I	15.30	2.20	0.5	4.0 I	22.00	3.17	1.1	2.7
17	705	0.200	51.60	338.7 I	14.90	2.98	0.8	4.8 I				
18	710	0.304	75.60	414.3 I	14.60	4.44	1.1	5.9 I	30.00	9.12	3.7	6.4
19	715	0.240	81.60	495.9 I	14.60	3.50	1.2	7.1 I				
20	720	0.144	57.60	553.5 I	12.30	1.77	0.8	7.9 I	23.00	3.31	3.7	10.1
21	725	0.104	37.20	590.7 I	8.98	0.93	0.4	8.3 I				
22	730	0.080	27.60	618.3 I	8.42	0.67	0.2	8.5 I	14.70	1.18	1.3	11.5
23	735	0.064	21.60	639.9 I	6.67	0.43	0.2	8.7 I				
24	740	0.060	18.60	658.5 I	7.23	0.43	0.1	8.8 I	11.40	0.68	0.6	12.0
25	745	0.056	17.40	675.9 I	6.34	0.36	0.1	8.9 I				
26	750	0.048	15.60	691.5 I	6.14	0.29	0.1	9.0 I	8.80	0.42	0.3	12.3
27	755	0.040	13.20	704.7 I	5.74	0.23	0.1	9.1 I				
28	800	0.032	10.80	715.5 I	7.72	0.25	0.1	9.2 I	7.20	0.23	0.2	12.5
29	805	0.024	8.40	723.9 I	6.27	0.15	0.1	9.2 I				
30	810	0.020	6.60	730.5 I	6.27	0.13	0.0	9.3 I	7.20	0.14	0.1	12.7
31	815	0.016	5.40	735.9 I	6.53	0.10	0.0	9.3 I				
32	820	0.016	4.80	740.7 I	8.25	0.13	0.0	9.4 I	6.00	0.10	0.1	12.7
33	825	0.016	4.80	745.5 I	5.81	0.09	0.0	9.4 I				
34	830	0.016	4.80	750.3 I	6.60	0.11	0.0	9.4 I	6.00	0.10	0.1	12.8
35	840	0.012	8.40	758.7 I	5.35	0.06	0.1	9.5 I				
36	910	0.008	18.00	778.7 I	6.27	0.05	0.1	9.6 I	4.00	0.03	0.2	12.9
37	940	0.004	10.80	787.5 I	6.86	0.03	0.1	9.6 I				

KITASUMADANCHI

KORE

AME

NO.2

520928

520929

NO.	TIME	T-P				TKN						
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	2140	0.008	0.0	0.0 I								
2	2210	0.012	18.00	18.0 I	0.91	0.01	0.0	0.0 I	1.62	0.02	0.0	0.0
3	2300	0.003	22.50	40.5 I								
4	420	0.004	67.20	107.7 I	0.76	0.00	155.0	155.0 I	2.13	0.01	310.4	310.4
5	440	0.012	9.60	117.3 I								
6	500	0.016	16.80	134.1 I	0.58	0.01	14.8	169.8 I	1.59	0.03	40.8	351.1
7	520	0.006	13.20	147.3 I								
8	540	0.008	8.40	155.7 I	0.49	0.00	15.8	185.6 I	1.70	0.01	46.8	398.0
9	600	0.008	9.60	165.3 I								
10	620	0.006	8.40	173.7 I	0.42	0.00	7.7	193.3 I	1.49	0.01	27.0	425.0
11	630	0.012	5.40	179.1 I								
12	640	0.040	15.60	194.7 I	0.42	0.02	11.5	204.8 I	1.96	0.08	52.4	477.4
13	645	0.056	14.40	209.1 I								
14	650	0.072	19.20	228.3 I	0.35	0.03	12.6	217.3 I	1.40	0.10	53.8	531.2
15	655	0.088	24.00	252.3 I								
16	700	0.144	34.80	297.1 I	0.07	0.01	10.5	227.8 I	1.92	0.28	113.2	644.4
17	705	0.200	51.60	338.7 I								
18	710	0.304	75.60	414.3 I	0.19	0.06	20.3	248.1 I	1.79	0.54	246.2	890.5
19	715	0.240	81.60	495.9 I								
20	720	0.144	57.60	553.5 I	0.19	0.03	25.4	273.5 I	1.15	0.17	212.9	1103.5
21	725	0.104	37.20	590.7 I								
22	730	0.080	27.60	618.3 I	0.12	0.01	11.0	284.6 I	0.93	0.07	72.0	1175.5
23	735	0.064	21.60	639.9 I								
24	740	0.060	18.60	658.5 I	0.13	0.01	5.3	289.8 I	0.99	0.06	40.1	1215.6
25	745	0.056	17.40	675.9 I								
26	750	0.048	15.60	691.5 I	0.12	0.01	4.0	293.9 I	0.73	0.04	28.3	1243.9
27	755	0.040	13.20	704.7 I								
28	800	0.032	10.80	715.5 I	0.16	0.01	3.2	297.1 I	0.87	0.03	18.9	1262.8
29	805	0.024	8.40	723.9 I								
30	810	0.020	6.60	730.5 I	0.09	0.00	2.1	299.1 I	0.75	0.01	12.9	1275.7
31	815	0.016	5.40	735.9 I								
32	820	0.016	4.80	740.7 I	0.02	0.00	0.6	299.8 I	0.93	0.01	9.0	1284.6
33	825	0.016	4.80	745.5 I								
34	830	0.016	4.80	750.3 I	0.12	0.00	0.7	300.4 I	0.80	0.01	8.3	1292.9
35	840	0.012	8.40	758.7 I								
36	910	0.008	18.00	776.7 I	0.19	0.00	4.1	304.5 I	0.94	0.01	24.4	1317.3
37	940	0.004	10.80	787.5 I								

KITASUMADANCHI

KOBE

AME

NO.2

520928

520929

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	V-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	2140	0.008	0.0	0.0								
2	2210	0.012	18.00	18.0	0.0	5300.	0.06	0.01	0.00	0.00	0.01	0.01
3	2300	0.003	22.50	40.5								
4	420	0.004	67.20	107.7	0.0	18000.	0.10	0.02	0.00	0.01	0.01	0.01
5	440	0.012	9.60	117.3								
6	500	0.016	16.80	134.1	0.0	12000.	0.08	0.01	0.00	0.00	0.01	0.01
7	520	0.006	13.20	147.3								
8	540	0.008	8.40	155.7	0.0	19000.	0.08	0.02	0.00	0.00	0.01	0.02
9	600	0.008	9.60	165.3								
10	620	0.006	8.40	173.7	0.0	15000.	0.10	0.01	0.00	0.00	0.01	0.01
11	630	0.012	5.40	179.1								
12	640	0.040	15.60	194.7	0.0	6900.	0.08	0.02	0.00	0.00	0.00	0.01
13	645	0.056	14.40	209.1								
14	650	0.072	19.20	226.3	0.0	6000.	0.08	0.01	0.00	0.00	0.00	0.01
15	655	0.088	24.00	252.3								
16	700	0.144	34.80	287.1	0.0	6300.	0.15	0.02	0.00	0.00	0.01	0.02
17	705	0.200	51.60	336.7								
18	710	0.304	75.60	414.3	0.0	5800.	0.22	0.02	0.00	0.01	0.01	0.03
19	715	0.240	81.60	495.9								
20	720	0.144	57.60	553.5	0.0	3300.	0.16	0.02	0.00	0.01	0.01	0.03
21	725	0.104	37.20	590.7								
22	730	0.080	27.60	618.3	0.0	1700.	0.14	0.01	0.00	0.00	0.01	0.02
23	735	0.064	21.60	639.9								
24	740	0.060	18.60	658.5	0.0	1500.	0.14	0.01	0.00	0.00	0.00	0.02
25	745	0.056	17.40	675.9								
26	750	0.048	15.60	691.5	0.0	1400.	0.09	0.01	0.00	0.00	0.00	0.01
27	755	0.040	13.20	704.7								
28	800	0.032	10.80	715.3	0.0	1400.	0.06	0.01	0.00	0.00	0.00	0.01
29	805	0.024	8.40	723.9								
30	810	0.020	6.60	730.5	0.0	1200.	0.06	0.01	0.00	0.00	0.00	0.01
31	815	0.016	5.40	735.9								
32	820	0.016	4.80	740.7	0.0	1200.	0.06	0.01	0.00	0.00	0.00	0.01
33	825	0.016	4.80	745.5								
34	830	0.016	4.80	750.3	0.0	1300.	0.07	0.01	0.00	0.00	0.00	0.01
35	840	0.012	5.40	754.7								
36	910	0.008	18.00	776.7	0.0	800.	0.05	0.01	0.00	0.00	0.00	0.00
37	940	0.004	10.20	787.5								

KITASUMADANCHI

KOBE

AME

NO.3

521108

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800

SS

NO.	TIME	FLOW (M3/S)	T#FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T#LOAD (KG)	SIG(LOAD) (KG)
1	1855	0.480	0.0	0.0	14.90	7.15	0.0	0.0	I	125.00	60.00	0.0
2	1900	0.688	175.20	175.2	17.80	12.25	2.9	2.9	I	149.00	102.51	24.4
3	1905	0.312	150.00	525.2	15.40	4.80	2.6	5.5	I	153.00	47.74	22.5
4	1910	0.272	87.60	412.8	13.50	3.67	1.3	6.7	I	136.00	36.99	12.7
5	1915	0.216	73.20	486.0	12.10	2.61	0.9	7.7	I	121.00	26.14	9.5
6	1920	0.080	44.40	530.4	8.07	0.65	0.5	8.2	I	117.00	9.36	5.3
7	1925	0.056	20.40	550.8	6.52	0.37	0.2	8.3	I	108.00	6.05	2.3
8	1930	0.040	14.40	565.2	5.34	0.21	0.1	8.4	I	99.00	3.96	1.5
9	1935	0.032	10.80	576.0	4.32	0.14	0.1	8.5	I	91.50	2.93	1.0
10	1940	0.028	9.00	585.0	5.01	0.14	0.0	8.5	I	84.00	2.35	0.8
11	1945	0.022	7.50	592.5	4.37	0.10	0.0	8.5	I	78.00	1.72	0.6
12	1950	0.016	5.70	598.2	3.55	0.06	0.0	8.6	I	62.50	1.00	0.4
13	1955	0.012	4.20	602.4	3.78	0.05	0.0	8.6	I	64.00	0.77	0.3
14	2000	0.008	3.00	605.4	3.49	0.03	0.0	8.6	I	61.00	0.49	0.2
15	2005	0.006	2.40	607.8	3.32	0.03	0.0	8.6	I	60.50	0.48	0.1
16	2010	0.008	2.40	610.2	3.24	0.03	0.0	8.6	I	55.50	0.44	0.1
17	2015	0.008	2.40	612.6	3.18	0.03	0.0	8.6	I	55.00	0.44	0.1
18	2020	0.008	2.40	615.0	3.12	0.02	0.0	8.6	I	57.00	0.46	0.1
19	2025	0.004	1.80	616.8	3.30	0.01	0.0	8.6	I	50.00	0.20	0.1
20	2030	0.004	1.20	618.0	2.98	0.01	0.0	8.6	I	46.50	0.19	0.1
21	2035	0.004	1.20	619.2	3.05	0.01	0.0	8.6	I	49.50	0.20	0.1
22	2040	0.003	1.05	620.2	2.70	0.01	0.0	8.6	I	38.50	0.12	0.0
23	2045	0.003	0.90	621.1	2.91	0.01	0.0	8.6	I	46.00	0.14	0.0
24	2050	0.003	0.90	622.0	2.98	0.01	0.0	8.6	I	44.00	0.13	0.0
25	2055	0.003	0.90	622.9	3.16	0.01	0.0	8.6	I	43.50	0.13	0.0

KITASUMADANCHI

K08E

AME

NO.3

521108

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (K3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1855	0.480	0.0	0.0 I	19.60	9.41	0.0	0.0 I				
2	1900	0.688	175.20	175.2 I	24.30	16.72	3.9	3.9 I	39.00	26.83	0.0	0.0
3	1905	0.312	150.00	325.2 I	21.50	6.71	3.5	7.4 I				
4	1910	0.272	87.60	412.8 I	19.40	5.28	1.8	9.2 I	31.00	8.43	10.6	10.6
5	1915	0.216	73.20	486.0 I	19.00	4.10	1.4	10.6 I				
6	1920	0.080	44.40	530.4 I	17.70	1.42	0.8	11.5 I	28.00	2.24	3.2	13.8
7	1925	0.056	20.40	550.8 I	15.50	0.87	0.3	11.8 I				
8	1930	0.040	14.40	565.2 I	12.10	0.48	0.2	12.0 I	23.00	0.92	0.9	14.7
9	1935	0.032	10.80	576.0 I	9.29	0.30	0.1	12.1 I				
10	1940	0.028	9.00	585.0 I	9.63	0.27	0.1	12.2 I	20.00	0.56	0.4	15.2
11	1945	0.022	7.50	592.5 I	10.20	0.22	0.1	12.3 I				
12	1950	0.016	5.70	598.2 I	8.16	0.13	0.1	12.3 I	15.30	0.24	0.2	15.4
13	1955	0.012	4.20	602.4 I	8.49	0.10	0.0	12.4 I				
14	2000	0.008	3.00	605.4 I	7.80	0.06	0.0	12.4 I	13.80	0.11	0.1	15.5
15	2005	0.008	2.40	607.8 I	8.06	0.06	0.0	12.4 I				
16	2010	0.008	2.40	610.2 I	7.92	0.06	0.0	12.4 I	9.30	0.07	0.1	15.6
17	2015	0.008	2.40	612.6 I	7.64	0.06	0.0	12.5 I				
18	2020	0.008	2.40	615.0 I	7.37	0.06	0.0	12.5 I	8.90	0.07	0.0	15.6
19	2025	0.004	1.80	616.8 I	6.95	0.03	0.0	12.5 I				
20	2030	0.004	1.20	618.0 I	6.76	0.03	0.0	12.5 I	7.70	0.03	0.0	15.7
21	2035	0.004	1.20	619.2 I	6.99	0.03	0.0	12.5 I				
22	2040	0.003	1.05	620.2 I	5.53	0.02	0.0	12.5 I	6.40	0.02	0.0	15.7
23	2045	0.003	0.90	621.1 I	5.87	0.02	0.0	12.5 I				
24	2050	0.003	0.90	622.0 I	6.34	0.02	0.0	12.5 I	6.60	0.02	0.0	15.7
25	2055	0.003	0.90	622.9 I	7.58	0.02	0.0	12.5 I				

KITASUMADANCHI

K08E

AME

NO.3

521108

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T-P

TKN

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	1855	0.480	0.0	0.0	I							
2	1900	0.688	175.20	175.2	I	0.32	0.22	0.0	I	3.75	2.58	0.0
3	1905	0.312	150.00	325.2	I			0.0	I			0.0
4	1910	0.272	87.60	412.8	I	0.19	0.05	81.1	I	2.21	0.60	954.3
5	1915	0.216	73.20	486.0	I			81.1	I			954.3
6	1920	0.080	44.40	530.4	I	0.17	0.01	19.6	I	1.62	0.13	219.2
7	1925	0.056	20.40	550.8	I			100.8	I			1173.6
8	1930	0.040	14.40	565.2	I	0.13	0.01	5.7	I	1.31	0.05	54.6
9	1935	0.032	10.80	576.0	I			106.5	I			1228.2
10	1940	0.028	9.00	585.0	I	0.14	0.00	2.8	I	0.82	0.02	22.6
11	1945	0.022	7.50	592.5	I			109.3	I			1250.7
12	1950	0.016	5.70	598.2	I	0.12	0.00	1.8	I	0.83	0.01	10.9
13	1955	0.012	4.20	602.4	I			111.1	I			1261.6
14	2000	0.008	3.00	605.4	I	0.12	0.00	0.9	I	0.68	0.01	5.6
15	2005	0.008	2.40	607.8	I			112.0	I			1267.3
16	2010	0.008	2.40	610.2	I	0.09	0.00	0.5	I	0.73	0.01	3.4
17	2015	0.008	2.40	612.6	I			112.4	I			1270.6
18	2020	0.008	2.40	615.0	I	0.07	0.00	0.4	I	0.70	0.01	3.4
19	2025	0.004	1.80	616.8	I			112.8	I			1274.1
20	2030	0.004	1.20	618.0	I	0.05	0.00	0.2	I	0.84	0.00	2.7
21	2035	0.004	1.20	619.2	I			113.1	I			1276.7
22	2040	0.003	1.05	620.2	I	0.08	0.00	0.1	I	0.84	0.00	1.8
23	2045	0.003	0.90	621.1	I			113.2	I			1278.5
24	2050	0.003	0.90	622.0	I	0.07	0.00	0.1	I	0.76	0.00	1.4
25	2055	0.003	0.90	622.9	I			113.4	I			1280.0

KITASUMADANCHI

KORE

AME

NO.3

521108

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NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1855	0.460	0.0	0.0								
2	1900	0.688	175.20	175.2	0.0	16000.	0.30	0.02	0.00	0.00	0.01	0.05
3	1905	0.312	150.00	325.2								
4	1910	0.272	87.60	412.8	0.0	8700.	0.23	0.02	0.00	0.00	0.01	0.04
5	1915	0.216	73.20	486.0								
6	1920	0.080	44.40	530.4	0.0	6300.	0.15	0.01	0.00	0.00	0.01	0.03
7	1925	0.056	20.40	550.8								
8	1930	0.040	14.40	565.2	0.0	1800.	0.08	0.01	0.00	0.00	0.01	0.02
9	1935	0.032	10.80	576.0								
10	1940	0.028	9.00	585.0	0.0	1300.	0.09	0.01	0.00	0.00	0.01	0.02
11	1945	0.022	7.50	592.5								
12	1950	0.016	5.70	598.2	0.0	1400.	0.07	0.01	0.00	0.00	0.01	0.02
13	1955	0.012	4.20	602.4								
14	2000	0.008	3.00	605.4	0.0	1200.	0.06	0.01	0.00	0.00	0.01	0.01
15	2005	0.008	2.40	607.8								
16	2010	0.008	2.40	610.2	0.0	1300.	0.07	0.01	0.00	0.00	0.01	0.02
17	2015	0.008	2.40	612.6								
18	2020	0.008	2.40	615.0	0.0	870.	0.06	0.01	0.00	0.00	0.00	0.01
19	2025	0.004	1.60	616.8								
20	2030	0.004	1.20	618.0	0.0	930.	0.06	0.00	0.00	0.00	0.00	0.01
21	2035	0.004	1.20	619.2								
22	2040	0.003	1.05	620.2	0.0	760.	0.06	0.01	0.00	0.00	0.00	0.01
23	2045	0.003	0.90	621.1								
24	2050	0.003	0.90	622.0	0.0	840.	0.06	0.01	0.00	0.00	0.00	0.01
25	2055	0.003	0.90	622.9								

KITASUMADANCHI

K09E

AME

NO.4

530113

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800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1720	0.006	0.0	0.0 I	19.50	0.16	0.0	0.0 I	10.00	0.08	0.0	0.0
2	1740	0.006	9.60	9.6 I	26.40	0.21	0.2	0.2 I	11.00	0.09	0.1	0.1
3	1800	0.008	9.60	19.2 I	30.40	0.24	0.3	0.5 I	10.00	0.08	0.1	0.2
4	1810	0.016	7.20	26.4 I	31.50	0.50	0.2	0.7 I	23.60	0.38	0.1	0.3
5	1820	0.020	10.80	37.2 I	32.30	0.65	0.3	1.1 I	19.50	0.39	0.2	0.6
6	1830	0.024	13.20	50.4 I	33.10	0.79	0.4	1.5 I	20.50	0.49	0.3	0.8
7	1840	0.016	12.00	62.4 I	31.40	0.50	0.4	1.9 I	20.70	0.33	0.2	1.1
8	1850	0.016	9.60	72.0 I	30.80	0.49	0.3	2.2 I	22.20	0.36	0.2	1.3
9	1900	0.006	7.20	79.2 I	33.50	0.27	0.2	2.4 I	20.70	0.17	0.2	1.4
10	1910	0.006	4.20	83.4 I	39.20	0.24	0.2	2.6 I	31.30	0.19	0.1	1.5
11	1920	0.004	3.00	86.4 I	36.90	0.15	0.1	2.7 I	33.00	0.13	0.1	1.6
12	2020	0.008	21.60	108.0 I	47.50	0.38	0.9	3.6 I	62.00	0.50	1.1	2.8
13	2025	0.012	3.00	111.0 I	52.30	0.63	0.2	3.8 I	75.70	0.91	0.2	3.0
14	2030	0.016	4.20	115.2 I	68.40	1.09	0.3	4.0 I	90.00	1.44	0.4	3.3
15	2035	0.024	6.00	121.2 I	64.40	1.55	0.4	4.4 I	104.00	2.50	0.6	3.9
16	2040	0.032	8.40	129.6 I	71.30	2.28	0.6	5.0 I	118.00	3.78	0.9	4.9
17	2045	0.036	10.20	139.8 I	67.60	2.43	0.7	5.7 I	112.00	4.03	1.2	6.0
18	2050	0.032	10.20	150.0 I	70.80	2.27	0.7	6.4 I	130.00	4.16	1.2	7.3
19	2100	0.020	15.60	165.6 I	67.20	1.34	1.1	7.5 I	122.00	2.44	2.0	9.2
20	2110	0.012	9.60	175.2 I	68.00	0.82	0.6	8.1 I	132.00	1.58	1.2	10.5
21	2120	0.016	8.40	183.6 I	69.10	1.11	0.6	8.7 I	110.00	1.76	1.0	11.5
22	2130	0.040	16.50	200.4 I	65.90	2.64	1.1	9.8 I	132.00	5.28	2.1	13.6
23	2135	0.048	13.20	213.6 I	88.60	4.25	1.0	10.9 I	154.00	7.39	1.9	15.5
24	2140	0.048	14.40	228.0 I	54.70	2.63	1.0	11.9 I	134.00	6.43	2.1	17.5
25	2145	0.040	13.20	241.2 I	57.80	2.31	0.7	12.7 I	128.00	5.12	1.7	19.3
26	2150	0.036	11.40	252.6 I	58.60	2.11	0.7	13.3 I	128.00	4.61	1.5	20.7
27	2155	0.028	9.60	262.2 I	55.00	1.54	0.5	13.9 I	98.00	2.74	1.1	21.8
28	2200	0.020	7.20	269.4 I	48.20	0.96	0.4	14.2 I	114.00	2.28	0.8	22.6
29	2210	0.016	10.80	280.2 I	46.70	0.75	0.5	14.8 I	102.00	1.63	1.2	23.8
30	2220	0.010	7.20	288.0 I	40.80	0.41	0.3	15.1 I	112.00	1.12	0.8	24.6
31	2230	0.006	5.40	293.4 I	36.30	0.29	0.2	15.3 I	96.00	0.77	0.6	25.2
32	2250	0.004	7.20	300.6 I	34.80	0.14	0.3	15.6 I	94.00	0.38	0.7	25.8
33	2310	0.002	3.60	304.2 I	30.40	0.06	0.1	15.7 I	78.00	0.16	0.3	26.2

KITASUMADANCHI

KOBE

AME

NO.4

530113

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1720	0.008	0.0	0.0 I	18.10	0.14	0.0	0.0 I				
2	1740	0.008	9.60	9.6 I	18.10	0.14	0.2	0.2 I	10.00	0.08	0.0	0.0
3	1800	0.008	9.60	19.2 I	16.00	0.14	0.2	0.3 I				
4	1810	0.016	7.20	26.4 I	28.20	0.45	0.2	0.5 I	16.80	0.27	0.3	0.3
5	1820	0.020	10.80	37.2 I	28.70	0.57	0.3	0.8 I				
6	1830	0.024	13.20	50.4 I	28.00	0.67	0.4	1.2 I	14.50	0.35	0.4	0.7
7	1840	0.016	12.00	62.4 I	27.00	0.43	0.3	1.5 I				
8	1850	0.016	9.60	72.0 I	23.90	0.39	0.2	1.8 I	13.90	0.22	0.3	1.0
9	1900	0.008	7.20	79.2 I	28.90	0.23	0.2	2.0 I				
10	1910	0.006	4.20	83.4 I	33.60	0.20	0.1	2.1 I	19.40	0.12	0.2	1.2
11	1920	0.004	3.00	86.4 I	30.50	0.12	0.1	2.2 I				
12	2020	0.008	21.60	108.0 I	41.20	0.33	0.8	3.0 I	28.00	0.22	0.7	1.9
13	2025	0.012	3.00	111.0 I	47.90	0.57	0.1	3.1 I				
14	2030	0.016	4.20	115.2 I	63.80	1.02	0.2	3.4 I	34.00	0.54	0.2	2.2
15	2035	0.024	6.00	121.2 I	50.00	1.20	0.3	3.7 I				
16	2040	0.032	8.40	129.6 I	65.90	2.11	0.5	4.2 I	40.00	1.28	0.5	2.7
17	2045	0.036	10.20	139.8 I	54.60	1.97	0.6	4.8 I				
18	2050	0.032	10.20	150.0 I	57.90	1.85	0.6	5.4 I	34.00	1.09	0.7	3.4
19	2100	0.020	15.60	165.6 I	53.30	1.07	0.9	6.3 I				
20	2110	0.012	9.60	175.2 I	46.20	0.55	0.5	6.8 I	38.00	0.46	0.9	4.4
21	2120	0.016	6.40	163.6 I	54.20	0.87	0.4	7.2 I				
22	2130	0.040	16.80	200.4 I	50.80	2.03	0.9	8.1 I	34.00	1.36	1.1	5.4
23	2135	0.048	13.20	213.6 I	72.80	3.49	0.8	8.9 I				
24	2140	0.046	14.40	228.0 I	42.00	2.02	0.8	9.7 I	40.00	1.92	1.0	6.4
25	2145	0.040	13.20	241.2 I	48.90	1.96	0.6	10.3 I				
26	2150	0.036	11.40	252.6 I	50.40	1.81	0.6	10.9 I	44.00	1.58	1.1	7.5
27	2155	0.028	9.60	262.2 I	42.70	1.20	0.5	11.3 I				
28	2200	0.020	7.20	269.4 I	37.40	0.75	0.3	11.6 I	34.00	0.68	0.7	8.2
29	2210	0.016	10.80	280.2 I	41.10	0.66	0.4	12.0 I				
30	2220	0.010	7.20	286.0 I	28.00	0.28	0.3	12.3 I	36.00	0.36	0.6	8.8
31	2230	0.008	5.40	293.4 I	30.60	0.24	0.2	12.5 I				
32	2250	0.004	7.20	300.6 I	30.10	0.12	0.2	12.7 I	28.00	0.11	0.4	9.2
33	2310	0.002	3.60	304.2 I	23.30	0.05	0.1	12.8 I				

KITASUMADANCHI

KOBE

AME

NO.4

530113

0

NO.	TIME	T-P				TKN						
		FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	1720	0.008	0.0	0.0 I								
2	1740	0.008	9.60	9.6 I	0.87	0.01	0.0	0.0 I	1.94	0.02	0.0	0.0
3	1800	0.008	9.60	19.2 I								
4	1810	0.016	7.20	26.4 I	1.09	0.02	22.0	22.0 I	2.96	0.05	56.6	56.6
5	1820	0.020	10.80	37.2 I								
6	1830	0.024	13.20	50.4 I	1.10	0.03	26.3	48.3 I	2.73	0.07	67.7	124.3
7	1840	0.016	12.00	62.4 I								
8	1850	0.016	9.60	72.0 I	1.01	0.02	25.5	73.8 I	2.49	0.04	63.2	187.5
9	1900	0.008	7.20	79.2 I								
10	1910	0.006	4.20	83.4 I	1.00	0.01	13.3	87.1 I	2.69	0.02	33.6	221.1
11	1920	0.004	3.00	86.4 I								
12	2020	0.008	21.60	108.0 I	0.85	0.01	26.9	114.0 I	2.97	0.02	83.8	304.9
13	2025	0.012	3.00	111.0 I								
14	2030	0.016	4.20	115.2 I	0.68	0.01	5.3	119.3 I	3.26	0.05	22.8	327.7
15	2035	0.024	6.00	121.2 I								
16	2040	0.032	8.40	129.6 I	0.64	0.02	9.4	128.7 I	3.58	0.11	50.0	377.7
17	2045	0.036	10.20	139.8 I								
18	2050	0.032	10.20	150.0 I	0.49	0.02	10.8	139.5 I	3.86	0.12	71.4	449.1
19	2100	0.020	15.60	165.6 I								
20	2110	0.012	9.60	175.2 I	0.19	0.00	10.7	150.2 I	3.40	0.04	98.6	547.7
21	2120	0.016	8.40	183.6 I								
22	2130	0.040	16.80	200.4 I	0.73	0.03	18.9	169.1 I	3.02	0.12	97.0	644.7
23	2135	0.048	13.20	213.6 I								
24	2140	0.048	14.40	228.0 I	0.26	0.01	12.5	181.6 I	2.75	0.13	75.8	720.5
25	2145	0.040	13.20	241.2 I								
26	2150	0.036	11.40	252.6 I	0.19	0.01	5.7	187.4 I	2.78	0.10	69.6	790.1
27	2155	0.028	9.60	262.2 I								
28	2200	0.020	7.20	269.4 I	0.30	0.01	3.8	191.2 I	2.49	0.05	45.0	835.1
29	2210	0.016	10.80	280.2 I								
30	2220	0.010	7.80	288.0 I	0.21	0.00	4.9	196.1 I	2.15	0.02	42.8	877.9
31	2230	0.008	5.40	293.4 I								
32	2250	0.004	7.20	300.6 I	0.16	0.00	2.6	198.6 I	2.13	0.01	27.0	904.9
33	2310	0.002	3.60	304.2 I								

KITASUMADANCHI

K08E

AME

NO.4

530113

0

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	V-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1720	0.008	0.0	0.0								
2	1740	0.008	9.60	9.6	0.0	890.	0.10	0.00	0.00	0.00	0.00	0.01
3	1800	0.008	9.60	19.2								
4	1810	0.016	7.20	26.4	0.0	1200.	0.17	0.01	0.00	0.00	0.01	0.01
5	1820	0.020	10.80	37.2								
6	1830	0.024	13.20	50.4	0.0	840.	0.12	0.01	0.00	0.00	0.00	0.01
7	1840	0.016	12.00	62.4								
8	1850	0.016	9.60	72.0	0.0	530.	0.15	0.01	0.00	0.00	0.00	0.01
9	1900	0.008	7.20	79.2								
10	1910	0.006	4.20	83.4	0.0	560.	0.15	0.01	0.00	0.01	0.00	0.02
11	1920	0.004	3.00	86.4								
12	2020	0.008	21.60	108.0	0.0	860.	0.18	0.01	0.00	0.01	0.00	0.02
13	2025	0.012	3.00	111.0								
14	2030	0.016	4.20	115.2	0.0	1100.	0.19	0.01	0.00	0.01	0.01	0.02
15	2035	0.024	6.00	121.2								
16	2040	0.032	8.40	129.6	0.0	1600.	0.22	0.02	0.00	0.01	0.01	0.03
17	2045	0.036	10.20	139.8								
18	2050	0.032	10.20	150.0	0.0	890.	0.30	0.02	0.00	0.01	0.01	0.03
19	2100	0.020	15.60	165.6								
20	2110	0.012	9.60	175.2	0.0	1200.	0.22	0.01	0.00	0.01	0.01	0.03
21	2120	0.016	8.40	183.6								
22	2130	0.040	16.80	200.4	0.0	650.	0.23	0.02	0.00	0.01	0.00	0.03
23	2135	0.048	13.20	213.6								
24	2140	0.048	14.40	228.0	0.0	780.	0.23	0.01	0.00	0.01	0.00	0.03
25	2145	0.040	13.20	241.2								
26	2150	0.036	11.40	252.6	0.0	840.	0.22	0.01	0.00	0.01	0.01	0.03
27	2155	0.028	9.60	262.2								
28	2200	0.020	7.20	269.4	0.0	660.	0.20	0.14	0.00	0.01	0.00	0.03
29	2210	0.016	10.80	280.2								
30	2220	0.010	7.20	286.0	0.0	770.	0.21	0.01	0.00	0.01	0.01	0.03
31	2230	0.006	5.40	293.4								
32	2250	0.004	7.20	300.6	0.0	670.	0.21	0.01	0.00	0.01	0.01	0.03
33	2310	0.002	3.60	304.2								

KITASUMADANCHI

KORE

AME

NO.1

530928

530929

800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	445	0.003	0.0	0.0 I	12.30	0.04	0.0	0.0 I	14.40	0.04	0.0	0.0
2	505	0.104	64.20	64.2 I	9.70	1.01	0.6	0.6 I	5.80	0.60	0.4	0.4
3	515	0.064	50.40	114.6 I	11.50	0.74	0.5	1.2 I	53.30	3.41	1.2	1.6
4	525	0.028	27.60	142.2 I	14.30	0.40	0.3	1.5 I	58.70	1.64	1.5	3.1
5	545	0.008	21.60	163.8 I	16.70	0.13	0.3	1.8 I	61.30	0.49	1.3	4.4
6	605	0.003	6.60	170.4 I	10.80	0.03	0.1	1.9 I	43.60	0.13	0.4	4.8
7	625	0.002	3.00	173.4 I	13.40	0.03	0.0	1.9 I	36.40	0.07	0.1	4.9
8	710	0.011	17.55	190.9 I	5.26	0.06	0.1	2.1 I	9.60	0.11	0.2	5.1
9	730	0.014	15.00	205.9 I	8.67	0.12	0.1	2.2 I	23.50	0.33	0.3	5.4
10	735	0.048	9.30	215.2 I	7.33	0.35	0.1	2.2 I	14.30	0.69	0.2	5.5
11	740	0.064	16.80	232.0 I	7.26	0.46	0.1	2.4 I	19.00	1.22	0.3	5.8
12	745	0.064	19.20	251.2 I	8.33	0.53	0.1	2.5 I	15.70	1.00	0.3	6.2
13	750	0.056	18.00	269.2 I	7.91	0.44	0.1	2.7 I	24.30	1.36	0.4	6.5
14	755	0.048	15.60	284.8 I	6.84	0.33	0.1	2.8 I	28.30	1.36	0.4	6.9
15	800	0.040	13.20	298.0 I	7.44	0.30	0.1	2.9 I	32.00	1.28	0.4	7.3
16	805	0.038	11.70	309.7 I	6.97	0.26	0.1	3.0 I	29.70	1.13	0.4	7.7
17	810	0.037	11.25	321.0 I	6.31	0.23	0.1	3.0 I	28.70	1.06	0.3	8.0
18	815	0.060	14.55	335.5 I	6.39	0.38	0.1	3.1 I	21.70	1.30	0.4	8.4
19	820	0.064	18.60	354.1 I	5.60	0.36	0.1	3.2 I	21.70	1.39	0.4	8.8
20	825	0.060	18.00	372.7 I	5.18	0.31	0.1	3.3 I	17.70	1.06	0.4	9.1
21	830	0.058	17.70	390.4 I	6.84	0.40	0.1	3.4 I	18.80	1.09	0.3	9.5
22	835	0.064	18.30	408.7 I	5.47	0.35	0.1	3.5 I	20.50	1.31	0.4	9.8
23	840	0.096	24.00	432.7 I	5.37	0.52	0.1	3.7 I	21.80	2.09	0.5	10.3
24	845	0.136	34.80	467.5 I	4.45	0.61	0.2	3.8 I	23.60	3.21	0.8	11.1
25	850	0.204	51.00	518.5 I	7.47	1.52	0.3	4.2 I	60.00	12.24	2.3	13.4
26	855	0.200	60.60	579.1 I	11.40	2.28	0.6	4.7 I	99.70	19.94	4.8	18.3
27	900	0.176	56.40	635.5 I	13.90	2.45	0.7	5.4 I	98.40	17.32	5.6	23.9
28	905	0.264	66.00	701.5 I	11.80	3.12	0.8	6.3 I	91.20	24.08	6.2	30.1
29	910	0.504	115.20	816.7 I	15.50	7.81	1.6	7.9 I	300.00	151.20	26.3	56.4
30	915	0.400	135.60	952.3 I	15.60	6.24	2.1	10.0 I	248.00	99.20	37.6	93.9
31	920	0.272	100.80	1053.1 I	8.20	2.23	1.3	11.3 I	189.00	51.41	22.6	116.5
32	925	0.144	62.40	1115.5 I	8.83	1.27	0.5	11.8 I	184.00	26.50	11.7	128.2
33	930	0.112	38.40	1153.9 I	6.31	0.71	0.3	12.1 I	133.00	14.90	6.2	134.4
34	935	0.060	25.80	1179.7 I	4.10	0.25	0.1	12.3 I	122.00	7.32	3.3	137.7
35	940	0.056	17.40	1197.1 I	3.55	0.20	0.1	12.3 I	84.70	4.74	1.8	139.5
36	945	0.056	16.50	1213.9 I	3.87	0.22	0.1	12.4 I	102.00	5.71	1.6	141.1
37	950	0.060	17.40	1231.3 I	4.71	0.28	0.1	12.5 I	74.00	4.44	1.5	142.6
38	955	0.060	18.00	1249.3 I	3.58	0.21	0.1	12.5 I	80.70	4.84	1.4	144.0
39	1000	0.056	17.40	1266.7 I	3.42	0.19	0.1	12.6 I	76.50	4.28	1.4	145.4
40	1010	0.056	33.60	1300.3 I	3.61	0.20	0.1	12.7 I	68.70	3.85	2.4	147.8
41	1020	0.040	28.80	1329.1 I	3.47	0.14	0.1	12.8 I	60.50	2.42	1.9	149.7
42	1030	0.032	21.60	1350.7 I	3.40	0.11	0.1	12.9 I	53.30	1.71	1.2	151.0
43	1040	0.016	14.40	1365.1 I	3.82	0.06	0.1	12.9 I	49.50	0.79	0.7	151.7
44	1050	0.012	8.40	1373.5 I	3.37	0.04	0.0	13.0 I	48.50	0.58	0.4	152.1
45	1100	0.010	6.60	1380.1 I	3.74	0.04	0.0	13.0 I	49.50	0.50	0.3	152.4
46	1120	0.006	9.60	1389.7 I	3.32	0.02	0.0	13.0 I	44.50	0.27	0.3	152.9
47	1140	0.004	6.00	1395.7 I	3.03	0.01	0.0	13.1 I	46.00	0.18	0.3	153.2
48	1200	0.002	3.60	1399.3 I	3.24	0.01	0.0	13.1 I	42.50	0.08	0.2	153.3

KITASUNAGACHI

KQBE

AME

NO.1

530928

530929

COD

VSS

NO.	TIME	FLUX (L3/S)	T*FLUX (L3)	SIG(FLUX) (L3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	445	0.003	0.0	0.0 I	16.90	0.05	0.0	0.0 I	10.80	0.03	0.0	0.0
2	505	0.104	64.20	64.2 I	13.80	1.44	0.9	0.9 I				
3	515	0.064	50.40	114.6 I	19.00	1.22	0.8	1.7 I	14.30	0.92	0.9	0.9
4	525	0.028	27.60	142.2 I	17.80	0.50	0.5	2.2 I				
5	545	0.008	21.60	163.8 I	10.00	0.13	0.4	2.6 I	15.30	0.12	0.9	1.8
6	605	0.003	6.60	170.4 I	13.90	0.04	0.1	2.7 I				
7	625	0.002	3.00	173.4 I	13.80	0.03	0.0	2.7 I	10.00	0.02	0.2	2.0
8	710	0.011	17.55	190.9 I	10.60	0.12	0.2	2.9 I				
9	730	0.014	15.00	205.9 I	12.40	0.17	0.2	3.1 I	7.50	0.10	0.2	2.2
10	735	0.048	9.30	215.2 I	11.60	0.56	0.1	3.2 I				
11	740	0.064	16.80	232.0 I	12.50	0.81	0.2	3.4 I	5.50	0.35	0.1	2.3
12	745	0.064	19.20	251.2 I	12.70	0.81	0.2	3.6 I				
13	750	0.050	18.00	269.2 I	12.20	0.68	0.2	3.9 I	7.30	0.41	0.2	2.6
14	755	0.048	15.60	284.8 I	13.40	0.64	0.2	4.1 I				
15	800	0.040	13.20	298.0 I	12.80	0.51	0.2	4.2 I	9.70	0.39	0.2	2.8
16	805	0.038	11.70	309.7 I	12.80	0.49	0.1	4.4 I				
17	810	0.037	11.25	321.0 I	12.50	0.46	0.1	4.5 I	6.30	0.23	0.2	3.0
18	815	0.060	14.55	335.5 I	11.50	0.69	0.2	4.7 I				
19	820	0.064	18.60	354.1 I	11.50	0.74	0.2	4.9 I	7.70	0.49	0.2	3.2
20	825	0.060	16.60	372.7 I	11.00	0.66	0.2	5.1 I				
21	830	0.058	17.70	390.4 I	9.91	0.57	0.2	5.3 I	5.80	0.34	0.2	3.5
22	835	0.064	18.30	408.7 I	9.59	0.61	0.2	5.5 I				
23	840	0.095	24.00	432.7 I	8.56	0.82	0.2	5.7 I	5.80	0.56	0.3	3.7
24	845	0.136	34.30	467.5 I	8.32	1.13	0.3	6.0 I				
25	850	0.204	51.00	514.5 I	12.00	2.45	0.5	6.5 I	15.30	3.12	1.1	4.8
26	855	0.200	60.60	579.1 I	12.70	2.54	0.7	7.3 I				
27	900	0.176	56.40	635.5 I	12.10	2.13	0.7	8.0 I	21.60	3.80	2.1	6.9
28	905	0.264	66.30	701.5 I	9.83	2.54	0.7	8.7 I				
29	910	0.504	115.20	818.7 I	23.70	11.94	2.2	10.9 I	73.00	36.79	12.2	19.1
30	915	0.400	135.60	952.3 I	17.80	7.12	2.9	13.7 I				
31	920	0.272	100.80	1063.1 I	17.30	4.71	1.8	15.5 I	27.00	7.34	13.2	32.3
32	925	0.144	62.40	1115.5 I	9.39	1.35	0.9	16.4 I				
33	930	0.112	38.40	1153.9 I	6.13	0.91	0.3	16.7 I	18.00	2.02	2.8	35.1
34	935	0.060	25.80	1179.7 I	7.41	0.44	0.2	16.9 I				
35	940	0.056	17.40	1197.1 I	6.14	0.34	0.1	17.1 I	10.00	0.56	0.8	35.9
36	945	0.056	16.80	1213.4 I	6.66	0.37	0.1	17.2 I				
37	950	0.060	17.40	1231.3 I	6.46	0.39	0.1	17.3 I	8.00	0.48	0.3	36.2
38	955	0.060	18.00	1249.3 I	6.06	0.36	0.1	17.4 I				
39	1000	0.056	17.40	1266.7 I	6.82	0.38	0.1	17.5 I	4.50	0.25	0.2	36.4
40	1010	0.056	33.60	1303.3 I	6.42	0.36	0.2	17.7 I				
41	1020	0.040	28.80	1329.1 I	6.42	0.26	0.2	17.9 I	2.50	0.10	0.2	36.6
42	1030	0.032	21.60	1350.7 I	6.92	0.22	0.1	18.1 I				
43	1040	0.018	14.40	1365.1 I	6.46	0.10	0.1	18.2 I	3.00	0.05	0.1	36.7
44	1050	0.012	8.40	1373.5 I	6.94	0.08	0.1	18.2 I				
45	1100	0.010	7.20	1380.1 I	6.25	0.08	0.0	18.3 I	6.00	0.06	0.1	36.8
46	1120	0.008	6.00	1389.7 I	6.62	0.04	0.1	18.3 I				
47	1140	0.004	3.00	1395.7 I	6.42	0.03	0.0	18.4 I	4.50	0.02	0.1	36.9
48	1200	0.002	3.00	1399.3 I	6.46	0.01	0.0	18.4 I				

KITASUMADAYCHI

KORE

AME

NO.1

530928

530929

NO.	TIME	T-P											
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	
1	445	0.003	0.0	0.0 I	1.10	0.00	0.0	0.0 I	3.65	0.01	0.0	0.0	
2	505	0.104	64.20	64.2 I				I					
3	515	0.064	50.40	114.6 I	0.51	0.03	32.2	32.2 I	2.58	0.17	158.5	158.5	
4	525	0.028	27.60	142.2 I				I					
5	545	0.008	21.60	163.8 I	0.55	0.00	33.2	65.4 I	2.48	0.02	166.5	324.9	
6	605	0.003	6.60	170.4 I				I					
7	625	0.002	3.00	173.4 I	0.12	0.00	5.5	71.0 I	1.94	0.00	28.5	353.4	
8	710	0.011	17.55	190.9 I				I					
9	730	0.014	15.00	205.9 I	0.25	0.00	7.4	78.4 I	1.83	0.03	57.5	410.9	
10	735	0.048	9.30	215.2 I				I					
11	740	0.064	16.80	232.0 I	0.31	0.02	6.9	85.3 I	1.58	0.10	38.0	448.9	
12	745	0.064	19.20	251.2 I				I					
13	750	0.056	18.00	269.2 I	0.19	0.01	9.1	94.4 I	1.43	0.08	54.4	503.3	
14	755	0.048	15.60	284.8 I				I					
15	800	0.040	13.20	298.0 I	0.40	0.02	8.0	102.4 I	1.46	0.06	41.5	544.8	
16	805	0.038	11.70	309.7 I				I					
17	810	0.037	11.25	321.0 I	0.21	0.01	7.2	109.6 I	1.38	0.05	32.8	577.7	
18	815	0.060	14.55	335.5 I				I					
19	820	0.064	18.60	354.1 I	0.31	0.02	8.3	117.8 I	1.24	0.08	39.1	616.8	
20	825	0.060	18.60	372.7 I	0.20	0.01	9.4	127.2 I	1.06	0.06	42.3	659.1	
21	830	0.058	17.70	390.4 I				I					
22	835	0.064	18.30	406.7 I	0.15	0.01	7.7	134.9 I	0.94	0.09	45.5	704.6	
23	840	0.096	24.00	432.7 I				I					
24	845	0.136	34.80	467.5 I	0.35	0.07	25.8	160.7 I	1.31	0.27	107.3	811.9	
25	850	0.204	51.00	518.5 I				I					
26	855	0.200	60.60	579.1 I	0.08	0.01	25.9	186.6 I	1.51	0.27	159.9	971.8	
27	900	0.176	56.40	635.5 I				I					
28	905	0.264	66.00	701.5 I	0.00	0.00	4.8	191.4 I	2.19	1.10	410.9	1382.6	
29	910	0.564	115.20	816.7 I				I					
30	915	0.400	135.60	952.3 I	0.15	0.04	13.1	204.5 I	1.25	0.34	433.1	1815.8	
31	920	0.272	100.60	1053.1 I				I					
32	925	0.144	62.40	1115.5 I	0.11	0.01	16.3	220.9 I	0.86	0.10	131.0	1946.8	
33	930	0.112	38.40	1153.9 I				I					
34	935	0.060	25.80	1179.7 I	0.12	0.01	5.8	226.6 I	0.77	0.04	42.1	1988.8	
35	940	0.056	17.40	1197.1 I				I					
36	945	0.056	16.80	1213.9 I	0.10	0.01	3.9	230.6 I	0.69	0.04	25.5	2014.3	
37	950	0.060	16.00	1231.3 I				I					
38	955	0.060	16.00	1249.3 I	0.12	0.01	3.8	234.3 I	0.79	0.04	25.7	2040.0	
39	1000	0.056	17.40	1266.7 I				I					
40	1010	0.056	33.60	1300.3 I	0.15	0.01	7.4	241.7 I	0.79	0.03	45.4	2085.4	
41	1020	0.040	28.80	1329.1 I				I					
42	1030	0.032	21.60	1350.7 I	0.00	0.00	3.6	245.3 I	1.23	0.02	30.7	2116.2	
43	1040	0.016	14.40	1365.1 I				I					
44	1050	0.012	8.40	1373.5 I	0.17	0.00	1.1	246.4 I	0.95	0.01	17.5	2133.6	
45	1100	0.010	6.60	1380.1 I				I					
46	1120	0.006	9.60	1389.7 I	0.13	0.00	2.7	249.1 I	0.71	0.00	14.8	2148.4	
47	1140	0.004	6.00	1395.7 I				I					
48	1200	0.002	3.60	1399.3 I				I					

KITASUMADANCHI

KOBÉ

AME

NO.1

530928

530929

NO.	TIME	FLOW (M3/S)	TRFLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	445	0.003	0.0	0.0	0.0	4000.	0.13	0.02	0.00	0.00	0.00	0.00
2	505	0.104	64.20	64.2	0.0		0.00	0.00	0.00	0.00	0.00	0.00
3	515	0.064	50.40	114.6	0.0	4500.	0.13	0.02	0.00	0.00	0.00	0.02
4	525	0.028	27.60	142.2	0.0		0.00	0.00	0.00	0.00	0.00	0.00
5	545	0.008	21.00	163.8	0.0	2200.	0.16	0.02	0.00	0.00	0.00	0.02
6	605	0.003	6.60	170.4	0.0		0.00	0.00	0.00	0.00	0.00	0.00
7	625	0.002	3.00	173.4	0.0	1400.	0.12	0.02	0.00	0.00	0.00	0.01
8	710	0.011	17.55	190.9	0.0		0.00	0.00	0.00	0.00	0.00	0.00
9	730	0.014	15.00	205.9	0.0	3500.	0.09	0.01	0.00	0.00	0.00	0.00
10	735	0.048	9.30	215.2	0.0		0.00	0.00	0.00	0.00	0.00	0.00
11	740	0.064	16.00	232.0	0.0	1900.	0.07	0.01	0.00	0.00	0.00	0.01
12	745	0.064	19.20	251.2	0.0		0.00	0.00	0.00	0.00	0.00	0.00
13	750	0.056	16.70	269.2	0.0	3200.	0.09	0.01	0.00	0.00	0.00	0.01
14	755	0.048	15.60	284.8	0.0		0.00	0.00	0.00	0.00	0.00	0.00
15	800	0.040	13.20	298.0	0.0	3700.	0.11	0.01	0.00	0.00	0.00	0.01
16	805	0.038	11.70	309.7	0.0		0.00	0.00	0.00	0.00	0.00	0.00
17	810	0.037	11.25	321.0	0.0	1500.	0.10	0.01	0.00	0.00	0.00	0.01
18	815	0.060	14.55	335.5	0.0		0.00	0.00	0.00	0.00	0.00	0.00
19	820	0.064	18.60	354.1	0.0	950.	0.09	0.01	0.00	0.00	0.00	0.01
20	825	0.060	18.60	372.7	0.0		0.00	0.00	0.00	0.00	0.00	0.00
21	830	0.055	17.70	390.4	0.0	1000.	0.07	0.01	0.00	0.00	0.00	0.00
22	835	0.064	16.30	406.7	0.0		0.00	0.00	0.00	0.00	0.00	0.00
23	840	0.096	24.00	432.7	0.0	1000.	0.06	0.01	0.00	0.00	0.00	0.01
24	845	0.136	34.80	467.5	0.0		0.00	0.00	0.00	0.00	0.00	0.00
25	850	0.204	51.00	518.5	0.0	1600.	0.13	0.01	0.00	0.00	0.00	0.02
26	855	0.200	60.60	579.1	0.0		0.00	0.00	0.00	0.00	0.00	0.00
27	900	0.176	56.40	635.5	0.0	1500.	0.13	0.01	0.00	0.00	0.00	0.02
28	905	0.264	66.80	701.5	0.0		0.00	0.00	0.00	0.00	0.00	0.00
29	910	0.504	115.20	816.7	0.0	3500.	0.36	0.05	0.00	0.01	0.01	0.04
30	915	0.400	135.60	952.3	0.0		0.00	0.00	0.00	0.00	0.00	0.00
31	920	0.272	100.00	1053.1	0.0	1100.	0.14	0.01	0.00	0.00	0.01	0.02
32	925	0.144	62.40	1115.5	0.0		0.00	0.00	0.00	0.00	0.00	0.00
33	930	0.112	38.40	1153.9	0.0	1900.	0.09	0.07	0.00	0.00	0.00	0.01
34	935	0.060	25.80	1179.7	0.0		0.00	0.00	0.00	0.00	0.00	0.00
35	940	0.056	17.40	1197.1	0.0	1500.	0.06	0.00	0.00	0.01	0.00	0.01
36	945	0.056	15.60	1213.9	0.0		0.00	0.00	0.00	0.00	0.00	0.00
37	950	0.060	17.40	1231.3	0.0	1800.	0.07	0.01	0.00	0.00	0.00	0.01
38	955	0.060	18.00	1249.3	0.0		0.00	0.00	0.00	0.00	0.00	0.00
39	1000	0.056	17.40	1266.7	0.0	1700.	0.07	0.00	0.00	0.00	0.00	0.00
40	1010	0.056	33.60	1300.3	0.0		0.00	0.00	0.00	0.00	0.00	0.00
41	1020	0.046	24.00	1329.1	0.0	1100.	0.06	0.01	0.00	0.00	0.00	0.01
42	1030	0.032	21.60	1350.7	0.0		0.00	0.00	0.00	0.00	0.00	0.00
43	1040	0.016	14.40	1365.1	0.0	1200.	0.07	0.00	0.00	0.00	0.00	0.00
44	1050	0.012	6.60	1373.5	0.0		0.00	0.00	0.00	0.00	0.00	0.00
45	1100	0.010	6.60	1380.1	0.0	1300.	0.06	0.01	0.00	0.00	0.00	0.01
46	1120	0.006	4.60	1389.7	0.0		0.00	0.00	0.00	0.00	0.00	0.00
47	1140	0.004	4.60	1395.7	0.0	1300.	0.07	0.01	0.00	0.00	0.00	0.00
48	1200	0.002	3.60	1399.3	0.0		0.00	0.00	0.00	0.00	0.00	0.00

AME

NO.2

531204

0

B0D

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1350	0.004	0.0	0.0	9.15	0.04	0.0	0.0	12.80	0.05	0.0	0.0
2	1355	0.004	1.20	1.2	7.38	0.03	0.0	0.0	8.20	0.03	0.0	0.0
3	1400	0.004	1.20	2.4	6.66	0.03	0.0	0.0	8.80	0.04	0.0	0.0
4	1405	0.008	1.80	4.2	7.08	0.06	0.0	0.0	7.80	0.06	0.0	0.0
5	1410	0.016	3.60	7.8	7.82	0.13	0.0	0.1	7.00	0.11	0.0	0.1
6	1415	0.024	6.00	13.8	8.13	0.20	0.0	0.1	8.60	0.21	0.0	0.1
7	1420	0.072	14.40	28.2	7.96	0.57	0.1	0.2	10.80	0.78	0.1	0.3
8	1425	0.104	26.40	54.6	16.80	1.75	0.3	0.6	56.60	5.89	1.0	1.3
9	1430	0.128	34.80	89.4	22.20	2.84	0.7	1.3	125.00	16.00	3.3	4.5
10	1435	0.224	52.80	142.2	19.40	4.35	1.1	2.3	156.00	34.94	7.6	12.2
11	1440	0.192	62.40	204.6	15.80	3.03	1.1	3.4	199.00	38.21	11.0	23.2
12	1445	0.136	49.20	253.8	14.30	1.94	0.7	4.2	147.00	19.99	8.7	31.9
13	1450	0.104	36.00	289.8	12.70	1.32	0.5	4.7	138.00	14.35	5.2	37.0
14	1455	0.192	44.40	334.2	10.50	2.02	0.5	5.2	100.00	19.20	5.0	42.1
15	1500	0.464	98.40	432.6	12.30	5.71	1.2	6.3	196.00	90.94	16.5	58.6
16	1505	0.408	130.80	563.4	13.80	5.63	1.7	8.0	317.00	129.34	33.0	91.6
17	1510	0.304	106.80	670.2	11.40	3.47	1.4	9.4	285.00	86.64	32.4	124.0
18	1515	0.216	78.00	748.2	8.36	1.81	0.8	10.2	229.00	49.46	20.4	144.4
19	1520	0.200	62.40	810.6	7.36	1.47	0.5	10.7	202.00	40.40	13.5	157.9
20	1525	0.192	58.40	869.4	7.34	1.41	0.4	11.1	169.00	32.45	10.9	168.9
21	1530	0.208	60.00	929.4	6.45	1.34	0.4	11.5	169.00	35.15	10.1	179.0
22	1535	0.208	62.40	991.8	6.83	1.42	0.4	11.9	150.00	31.20	10.0	188.9
23	1540	0.096	45.60	1037.4	6.85	0.66	0.3	12.3	136.00	13.06	6.6	195.6
24	1545	0.080	26.40	1063.8	5.57	0.45	0.2	12.4	114.00	9.12	3.3	198.9
25	1550	0.072	22.80	1086.6	6.34	0.46	0.1	12.6	105.00	7.56	2.5	201.4
26	1555	0.080	22.80	1109.4	5.73	0.46	0.1	12.7	85.30	6.82	2.2	203.6
27	1600	0.064	21.60	1131.0	6.41	0.41	0.1	12.8	83.30	5.33	1.8	205.4
28	1605	0.064	19.20	1150.2	6.01	0.38	0.1	12.9	75.30	4.82	1.5	206.9
29	1610	0.036	15.00	1165.2	6.15	0.22	0.1	13.0	70.00	2.52	1.1	208.0
30	1615	0.036	10.80	1176.0	5.90	0.21	0.1	13.1	75.00	2.70	0.8	208.8
31	1620	0.064	15.00	1191.0	6.78	0.43	0.1	13.2	68.00	4.35	1.1	209.9
32	1625	0.080	21.60	1212.6	6.57	0.53	0.1	13.3	62.00	4.96	1.4	211.3
33	1630	0.080	24.00	1236.6	5.63	0.45	0.1	13.5	55.00	4.40	1.4	212.7
34	1635	0.072	22.80	1259.4	6.10	0.44	0.1	13.6	49.50	3.56	1.2	213.9
35	1640	0.096	25.20	1284.6	6.55	0.63	0.2	13.8	49.20	4.72	1.2	215.1
36	1645	0.128	33.60	1318.2	5.59	0.72	0.2	14.0	46.50	5.95	1.6	216.7
37	1650	0.224	52.80	1371.0	9.27	2.08	0.4	14.4	72.40	16.22	3.3	220.0
38	1655	0.164	61.20	1432.2	7.55	1.39	0.5	14.9	84.00	15.46	4.8	224.8
39	1700	0.120	45.60	1477.8	6.80	0.82	0.3	15.3	99.60	11.95	4.1	228.9
40	1705	0.120	36.00	1513.8	5.99	0.72	0.2	15.5	105.00	12.60	3.7	232.6
41	1710	0.096	32.40	1546.2	6.17	0.59	0.2	15.7	102.00	9.79	3.4	235.9
42	1715	0.088	27.60	1573.8	4.38	0.39	0.1	15.8	94.00	8.27	2.7	238.6
43	1720	0.112	30.00	1603.8	5.29	0.59	0.1	16.0	93.30	10.45	2.8	241.4
44	1725	0.104	32.40	1636.2	4.33	0.45	0.2	16.1	82.70	8.60	2.9	244.3
45	1730	0.072	26.40	1662.6	5.71	0.41	0.1	16.3	74.70	5.38	2.1	246.4
46	1735	0.064	20.40	1683.0	3.70	0.24	0.1	16.4	70.50	4.51	1.5	247.9
47	1740	0.048	16.80	1699.8	5.71	0.27	0.1	16.4	69.50	3.34	1.2	249.1
48	1745	0.046	14.40	1714.2	2.15	0.10	0.1	16.5	64.00	3.07	1.0	250.0
49	1750	0.056	15.60	1729.8	8.71	0.49	0.1	16.6	63.00	3.53	1.0	251.0
50	1755	0.072	19.20	1749.0	7.56	0.54	0.2	16.7	56.00	4.03	1.1	252.1

KITASUMADANCHI

KOBE

AME

NO.2

531204

0

BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	1800	0.086	24.00	1773.0 I	7.76	0.68	0.2	16.9 I	53.50	4.71	1.3	253.5
52	1805	0.104	28.60	1801.8 I	5.40	0.56	0.2	17.1 I	50.00	5.20	1.5	254.9
53	1810	0.144	37.20	1839.0 I	6.41	0.92	0.2	17.3 I	56.00	8.06	2.0	256.9
54	1815	0.144	43.20	1882.2 I	4.70	0.68	0.2	17.6 I	58.00	8.35	2.5	259.4
55	1820	0.100	36.60	1918.8 I	4.20	0.42	0.2	17.7 I	58.40	5.84	2.1	261.5
56	1825	0.080	27.00	1945.8 I	5.21	0.42	0.1	17.9 I	62.50	5.00	1.6	263.1
57	1830	0.080	24.00	1969.8 I	7.69	0.62	0.2	18.0 I	68.40	5.47	1.6	264.7
58	1835	0.072	22.80	1992.6 I	6.60	0.48	0.2	18.2 I	64.00	4.61	1.5	266.2
59	1840	0.056	19.20	2011.8 I	5.99	0.34	0.1	18.3 I	62.00	3.47	1.2	267.4
60	1845	0.032	13.20	2025.0 I	4.84	0.15	0.1	18.4 I	60.50	1.94	0.8	268.3
61	1850	0.024	8.40	2033.4 I	4.79	0.11	0.0	18.4 I	59.50	1.43	0.5	268.8
62	1855	0.016	6.00	2039.4 I	4.31	0.07	0.0	18.4 I	54.00	0.86	0.3	269.1
63	1900	0.016	4.80	2044.2 I	6.24	0.10	0.0	18.5 I	56.00	0.90	0.3	269.4
64	1910	0.012	8.40	2052.6 I	5.26	0.06	0.0	18.5 I	55.00	0.66	0.5	269.8
65	1920	0.010	6.60	2059.2 I	5.78	0.06	0.0	18.5 I	55.50	0.56	0.4	270.2
66	1930	0.008	5.40	2064.6 I	5.45	0.04	0.0	18.6 I	55.50	0.44	0.3	270.5
67	1940	0.006	4.20	2066.6 I	5.22	0.03	0.0	18.6 I	56.00	0.34	0.2	270.7
68	1950	0.004	3.00	2071.8 I	5.17	0.02	0.0	18.6 I	55.50	0.22	0.2	270.9
69	2000	0.003	2.10	2073.9 I	5.93	0.02	0.0	18.6 I	56.50	0.17	0.1	271.0
70	2010	0.003	1.80	2075.7 I	5.72	0.02	0.0	18.6 I	55.00	0.16	0.1	271.1
71	2020	0.003	1.80	2077.5 I	5.80	0.02	0.0	18.6 I	54.00	0.16	0.1	271.2
72	2030	0.003	1.80	2079.3 I	5.69	0.02	0.0	18.7 I	52.00	0.16	0.1	271.3
73	2040	0.003	1.80	2081.1 I	5.76	0.02	0.0	18.7 I	51.00	0.15	0.1	271.4
74	2050	0.003	1.80	2082.9 I	5.21	0.02	0.0	18.7 I	52.50	0.16	0.1	271.5
75	2100	0.003	1.80	2084.7 I	5.18	0.02	0.0	18.7 I	54.00	0.16	0.1	271.6

COD

VSS

NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1350	0.004	0.0	0.0 I	13.40	0.05	0.0	0.0 I	7.80	0.03	0.0	0.0
2	1355	0.004	1.20	1.2 I	12.20	0.05	0.0	0.0 I				
3	1400	0.004	1.20	2.4 I	12.50	0.05	0.0	0.0 I	5.20	0.02	0.0	0.0
4	1405	0.006	1.80	4.2 I	12.40	0.10	0.0	0.1 I				
5	1410	0.016	3.60	7.8 I	13.10	0.21	0.0	0.1 I	3.00	0.05	0.0	0.0
6	1415	0.024	6.00	13.8 I	14.90	0.36	0.1	0.2 I				
7	1420	0.072	14.40	28.2 I	12.70	0.91	0.2	0.4 I	4.00	0.29	0.1	0.1
8	1425	0.104	26.40	54.6 I	21.00	2.18	0.5	0.8 I				
9	1430	0.128	34.80	89.4 I	26.90	3.44	0.8	1.7 I	36.60	4.68	1.5	1.6
10	1435	0.224	52.80	142.2 I	24.20	5.42	1.3	3.0 I				
11	1440	0.192	62.40	204.6 I	25.10	4.82	1.5	4.5 I	38.00	7.30	3.6	5.2
12	1445	0.136	49.20	253.8 I	21.00	2.86	1.2	5.7 I				
13	1450	0.104	36.00	289.8 I	17.10	1.78	0.7	6.4 I	25.00	2.60	3.0	8.2
14	1455	0.192	44.40	334.2 I	15.20	2.92	0.7	7.1 I				
15	1500	0.464	98.40	432.6 I	20.70	9.60	1.9	9.0 I	37.00	17.17	5.9	14.1
16	1505	0.408	130.80	563.4 I	21.50	8.77	2.8	11.7 I				
17	1510	0.304	106.80	670.2 I	20.40	6.20	2.2	14.0 I	40.00	12.16	8.8	22.9
18	1515	0.216	78.00	746.2 I	15.70	3.39	1.4	15.4 I				
19	1520	0.200	62.40	810.6 I	15.70	3.14	1.0	16.4 I	24.00	4.80	5.1	28.0
20	1525	0.192	58.80	869.4 I	13.50	2.59	0.9	17.3 I				
21	1530	0.208	60.00	929.4 I	13.10	2.72	0.8	18.1 I	23.00	4.78	2.9	30.9
22	1535	0.208	62.40	991.8 I	10.90	2.27	0.7	18.8 I				
23	1540	0.096	45.60	1037.4 I	10.50	1.01	0.5	19.3 I	15.00	1.44	1.9	32.8
24	1545	0.080	26.40	1063.8 I	9.27	0.74	0.3	19.6 I				
25	1550	0.072	22.80	1086.6 I	10.50	0.76	0.2	19.8 I	13.30	0.96	0.7	33.5
26	1555	0.080	22.80	1109.4 I	9.47	0.76	0.2	20.0 I				
27	1600	0.064	21.60	1131.0 I	9.27	0.59	0.2	20.2 I	10.60	0.68	0.5	34.0
28	1605	0.064	19.20	1150.2 I	9.70	0.62	0.2	20.4 I				
29	1610	0.036	15.00	1165.2 I	9.82	0.35	0.1	20.5 I	7.30	0.26	0.3	34.2
30	1615	0.036	10.80	1176.0 I	9.51	0.34	0.1	20.6 I				
31	1620	0.064	15.00	1191.0 I	10.80	0.69	0.2	20.8 I	8.60	0.55	0.2	34.5
32	1625	0.080	21.60	1212.6 I	8.80	0.70	0.2	21.0 I				
33	1630	0.080	24.00	1236.6 I	9.47	0.76	0.2	21.2 I	7.50	0.60	0.3	34.8
34	1635	0.072	22.80	1259.4 I	8.96	0.65	0.2	21.4 I				
35	1640	0.096	25.20	1284.6 I	9.82	0.94	0.2	21.7 I	7.60	0.73	0.4	35.2
36	1645	0.128	33.60	1318.2 I	9.00	1.15	0.3	22.0 I				
37	1650	0.224	52.80	1371.0 I	18.20	4.08	0.8	22.8 I	10.80	2.42	0.9	36.2
38	1655	0.184	61.20	1432.2 I	12.60	2.32	1.0	23.7 I				
39	1700	0.120	45.60	1477.8 I	13.30	1.60	0.6	24.3 I	11.20	1.34	1.1	37.3
40	1705	0.120	36.00	1513.8 I	10.50	1.26	0.4	24.8 I				
41	1710	0.096	32.40	1546.2 I	9.97	0.96	0.3	25.1 I	12.00	1.15	0.7	38.1
42	1715	0.088	27.60	1573.8 I	9.23	0.81	0.3	25.3 I				
43	1720	0.112	30.00	1603.8 I	9.35	1.05	0.3	25.6 I	11.30	1.27	0.7	38.8
44	1725	0.104	32.40	1636.2 I	9.39	0.98	0.3	25.9 I				
45	1730	0.072	26.40	1662.6 I	9.55	0.69	0.2	26.2 I	10.60	0.76	0.6	39.4
46	1735	0.064	20.40	1683.0 I	8.53	0.55	0.2	26.4 I				
47	1740	0.048	16.80	1699.8 I	9.35	0.45	0.1	26.5 I	8.00	0.38	0.3	39.7
48	1745	0.048	14.40	1714.2 I	9.66	0.46	0.1	26.7 I				
49	1750	0.056	15.60	1729.8 I	10.20	0.57	0.2	26.8 I	8.60	0.48	0.3	40.0
50	1755	0.072	19.20	1749.0 I	10.60	0.76	0.2	27.0 I				

KITASUNAGANCHI

K03E

AME

NO.2

531204

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	1800	0.088	24.00	1773.0 I	9.97	0.88	0.2	27.3 I	8.00	0.70	0.4	40.3
52	1805	0.104	28.80	1801.5 I	10.40	1.08	0.3	27.5 I				
53	1810	0.144	37.20	1839.0 I	9.43	1.36	0.4	27.9 I	8.50	1.22	0.6	40.9
54	1815	0.144	43.20	1882.2 I	9.43	1.36	0.4	28.3 I				
55	1820	0.100	36.60	1918.4 I	8.65	0.87	0.3	28.7 I	6.40	0.64	0.6	41.5
56	1825	0.080	27.00	1945.8 I	9.16	0.73	0.2	28.9 I				
57	1830	0.080	24.00	1969.8 I	10.40	0.83	0.2	29.1 I	9.20	0.74	0.4	41.9
58	1835	0.072	22.80	1992.6 I	9.04	0.65	0.2	29.4 I				
59	1840	0.050	19.20	2011.8 I	8.73	0.49	0.2	29.5 I	6.50	0.36	0.3	42.2
60	1845	0.032	13.20	2025.0 I	8.57	0.27	0.1	29.6 I				
61	1850	0.024	8.40	2033.4 I	8.88	0.21	0.1	29.7 I	5.50	0.13	0.1	42.4
62	1855	0.016	6.00	2039.4 I	8.45	0.14	0.1	29.8 I				
63	1900	0.016	4.30	2044.2 I	8.57	0.14	0.0	29.8 I	4.50	0.07	0.1	42.4
64	1910	0.012	8.40	2052.6 I	9.31	0.11	0.1	29.9 I				
65	1920	0.010	6.50	2059.2 I	9.35	0.09	0.1	29.9 I	7.00	0.07	0.1	42.5
66	1930	0.008	5.40	2064.6 I	8.94	0.07	0.0	30.0 I				
67	1940	0.006	4.20	2068.8 I	9.27	0.06	0.0	30.0 I	9.50	0.06	0.1	42.6
68	1950	0.004	3.00	2071.6 I	9.25	0.04	0.0	30.1 I				
69	2000	0.003	2.10	2073.9 I	9.43	0.03	0.0	30.1 I	7.50	0.02	0.0	42.6
70	2010	0.003	1.30	2075.7 I	9.35	0.03	0.0	30.1 I				
71	2020	0.003	1.80	2077.5 I	9.00	0.03	0.0	30.1 I	5.00	0.01	0.0	42.7
72	2030	0.003	1.80	2079.3 I	9.16	0.03	0.0	30.1 I				
73	2040	0.003	1.30	2081.1 I	9.27	0.03	0.0	30.1 I	6.00	0.02	0.0	42.7
74	2050	0.003	1.30	2082.9 I	9.12	0.03	0.0	30.2 I				
75	2100	0.003	1.50	2084.7 I	9.23	0.03	0.0	30.2 I	8.00	0.02	0.0	42.7

KITASUMADANCHI

KOBÉ

AME

NO.2

531204

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T-P

TKN

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	1350	0.004	0.0	0.0 I	0.72	0.00	0.0	0.0 I	1.80	0.01	0.0	0.0
2	1355	0.004	1.20	1.2 I								
3	1400	0.004	1.20	2.4 I	0.74	0.00	1.8	1.8 I	1.82	0.01	4.3	4.3
4	1405	0.008	1.80	4.2 I								
5	1410	0.016	3.60	7.8 I	0.74	0.01	4.4	6.2 I	1.83	0.03	11.0	15.3
6	1415	0.024	6.00	13.8 I								
7	1420	0.072	14.40	28.2 I	0.71	0.05	18.8	25.0 I	1.76	0.13	46.8	62.1
8	1425	0.104	26.40	54.6 I								
9	1430	0.128	34.80	99.4 I	0.85	0.11	48.0	73.0 I	4.21	0.54	199.7	261.8
10	1435	0.224	52.80	142.2 I								
11	1440	0.192	62.40	204.6 I	0.04	0.01	35.0	108.1 I	2.68	0.51	316.0	577.8
12	1445	0.136	49.20	253.8 I								
13	1450	0.104	36.00	289.8 I	0.34	0.04	12.8	120.9 I	1.93	0.20	214.6	792.4
14	1455	0.192	44.40	334.2 I								
15	1500	0.464	98.40	432.6 I	0.26	0.12	46.2	167.1 I	1.99	0.92	337.2	1129.6
16	1505	0.408	130.80	563.4 I								
17	1510	0.304	106.80	670.2 I	0.11	0.03	46.0	213.1 I	2.04	0.62	463.1	1592.7
18	1515	0.216	78.00	748.2 I								
19	1520	0.200	62.40	810.6 I	0.25	0.05	25.6	238.8 I	1.50	0.30	276.0	1868.7
20	1525	0.192	58.80	869.4 I								
21	1530	0.208	60.00	929.4 I	0.21	0.04	28.2	266.9 I	1.05	0.22	155.5	2024.3
22	1535	0.208	62.40	991.8 I								
23	1540	0.096	45.60	1037.4 I	0.06	0.01	14.7	281.7 I	0.94	0.09	92.5	2116.8
24	1545	0.080	26.40	1063.8 I								
25	1550	0.072	22.80	1086.6 I	0.17	0.01	5.5	287.2 I	0.95	0.07	47.5	2164.3
26	1555	0.080	22.80	1109.4 I								
27	1600	0.064	21.60	1131.0 I	0.14	0.01	6.5	293.7 I	0.91	0.06	37.9	2202.2
28	1605	0.064	19.20	1150.2 I								
29	1610	0.036	15.00	1165.2 I	0.15	0.01	4.4	298.0 I	0.80	0.03	26.1	2228.3
30	1615	0.036	10.80	1176.0 I								
31	1620	0.064	15.00	1191.0 I	0.09	0.01	3.4	301.5 I	0.98	0.06	27.4	2255.7
32	1625	0.080	21.60	1212.6 I								
33	1630	0.080	24.00	1236.6 I	0.02	0.00	2.4	303.8 I	1.17	0.09	46.8	2302.6
34	1635	0.072	22.80	1259.4 I								
35	1640	0.096	25.20	1284.6 I	0.22	0.02	6.9	310.7 I	1.07	0.10	58.9	2361.5
36	1645	0.128	33.60	1318.2 I								
37	1650	0.224	52.80	1371.0 I	0.18	0.04	18.4	329.1 I	1.12	0.25	106.1	2467.5
38	1655	0.184	61.20	1432.2 I								
39	1700	0.120	45.60	1477.8 I	0.06	0.01	14.1	343.2 I	1.02	0.12	112.0	2579.5
40	1705	0.120	36.00	1513.8 I								
41	1710	0.096	32.40	1546.2 I	0.11	0.01	5.1	348.4 I	0.96	0.09	64.3	2643.8
42	1715	0.088	27.60	1573.8 I								
43	1720	0.112	30.00	1603.8 I	0.14	0.02	7.8	356.1 I	0.87	0.10	56.8	2700.7
44	1725	0.104	32.40	1636.2 I								
45	1730	0.072	26.40	1662.6 I	0.13	0.01	7.4	363.6 I	0.92	0.07	49.1	2749.7
46	1735	0.064	20.40	1683.0 I								
47	1740	0.048	16.80	1699.8 I	0.14	0.01	4.8	368.4 I	0.79	0.04	31.3	2781.0
48	1745	0.048	14.40	1714.2 I								
49	1750	0.056	15.60	1729.8 I	0.07	0.00	3.3	371.7 I	0.84	0.05	25.5	2806.5
50	1755	0.072	19.20	1749.0 I								

KITASUMADANCHI

KOBE

AME

NO.2

531204

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T-P

TKN

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
51	1800	0.096	24.00	1773.0	0.15	0.01	5.3	377.0	1.00	0.09	40.4	2846.9
52	1805	0.104	28.80	1801.8								
53	1810	0.144	37.20	1639.0	0.15	0.02	10.8	387.8	0.91	0.13	65.6	2912.5
54	1815	0.144	43.20	1882.2								
55	1820	0.100	36.60	1918.8	0.16	0.02	11.9	399.8	1.03	0.10	70.2	2982.7
56	1825	0.080	27.00	1945.8								
57	1830	0.080	24.00	1969.8	0.13	0.01	8.4	408.2	0.90	0.07	52.5	3035.2
58	1835	0.072	22.80	1992.6								
59	1840	0.056	19.20	2011.8	0.17	0.01	6.0	414.2	0.88	0.05	36.3	3071.5
60	1845	0.032	13.20	2025.0								
61	1850	0.024	8.40	2033.4	0.14	0.00	3.5	417.9	0.79	0.02	20.5	3092.0
62	1855	0.016	6.00	2039.4								
63	1900	0.016	4.50	2044.2	0.15	0.00	1.8	419.7	0.84	0.01	9.7	3101.7
64	1910	0.012	8.40	2052.6								
65	1920	0.010	6.50	2059.2	0.15	0.00	2.4	422.1	0.77	0.01	12.7	3114.4
66	1930	0.008	5.40	2064.6								
67	1940	0.006	4.20	2068.8	0.15	0.00	1.5	423.6	0.74	0.00	7.3	3121.7
68	1950	0.004	3.00	2071.8								
69	2000	0.003	2.10	2073.9	0.18	0.00	0.9	424.4	0.84	0.00	4.2	3125.9
70	2010	0.003	1.80	2075.7								
71	2020	0.003	1.80	2077.5	0.20	0.00	0.7	425.1	0.85	0.00	3.0	3129.0
72	2030	0.003	1.30	2079.3								
73	2040	0.003	1.30	2081.1	0.14	0.00	0.6	425.7	0.79	0.00	3.0	3131.9
74	2050	0.003	1.30	2082.9								
75	2100	0.003	1.30	2084.7	0.14	0.00	0.5	426.2	0.83	0.00	2.9	3134.8

KITASUMADANCHI

KOBÉ

A4E

NO.2

531204

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NO.	TIME	FLOW (M3/S)	THFLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1350	0.004	0.0	0.0	0.0	1300.	0.21	0.01	0.00	0.00	0.01	0.02
2	1355	0.004	1.20	1.2			0.00	0.00	0.00	0.00	0.00	0.00
3	1400	0.004	1.20	2.4	0.0	1200.	0.12	0.01	0.00	0.01	0.03	0.03
4	1405	0.008	1.80	4.2			0.00	0.00	0.00	0.00	0.00	0.00
5	1410	0.016	3.60	7.8	0.0	1200.	0.08	0.01	0.00	0.00	0.00	0.01
6	1415	0.024	6.00	13.3			0.00	0.00	0.00	0.00	0.00	0.00
7	1420	0.072	14.40	28.2	0.0	980.	0.07	0.01	0.00	0.00	0.02	0.02
8	1425	0.104	26.40	54.6			0.00	0.00	0.00	0.00	0.00	0.00
9	1430	0.128	34.80	89.4	0.0	6500.	0.33	0.03	0.00	0.00	0.02	0.03
10	1435	0.224	52.80	142.2			0.00	0.00	0.00	0.00	0.00	0.00
11	1440	0.192	62.40	204.6	0.0	2800.	0.32	0.02	0.00	0.00	0.02	0.03
12	1445	0.136	49.20	253.6			0.00	0.00	0.00	0.00	0.00	0.00
13	1450	0.104	36.00	289.8	0.0	900.	0.26	0.01	0.00	0.01	0.01	0.04
14	1455	0.192	44.40	334.2			0.00	0.00	0.00	0.00	0.00	0.00
15	1500	0.464	98.40	432.6	0.0	740.	0.29	0.02	0.00	0.00	0.01	0.06
16	1505	0.408	130.80	563.4			0.00	0.00	0.00	0.00	0.00	0.00
17	1510	0.304	106.80	670.2	0.0	670.	0.28	0.02	0.00	0.01	0.01	0.03
18	1515	0.216	76.80	748.2			0.00	0.00	0.00	0.00	0.00	0.00
19	1520	0.200	62.40	810.6	0.0	550.	0.17	0.01	0.00	0.00	0.01	0.03
20	1525	0.192	58.80	869.4			0.00	0.00	0.00	0.00	0.00	0.00
21	1530	0.208	60.00	929.4	0.0	620.	0.14	0.01	0.00	0.00	0.00	0.03
22	1535	0.208	62.40	991.8			0.00	0.00	0.00	0.00	0.00	0.00
23	1540	0.096	45.60	1037.4	0.0	550.	0.11	0.01	0.00	0.00	0.00	0.03
24	1545	0.080	26.40	1063.8			0.00	0.00	0.00	0.00	0.00	0.00
25	1550	0.072	22.80	1086.6	0.0	480.	0.10	0.01	0.00	0.00	0.13	0.02
26	1555	0.080	22.80	1109.4			0.00	0.00	0.00	0.00	0.00	0.00
27	1600	0.064	21.60	1131.0	0.0	450.	0.09	0.01	0.00	0.00	0.00	0.02
28	1605	0.064	19.20	1150.2			0.00	0.00	0.00	0.00	0.00	0.00
29	1610	0.036	15.00	1165.2	0.0	420.	0.09	0.01	0.00	0.00	0.00	0.01
30	1615	0.036	10.80	1176.0			0.00	0.00	0.00	0.00	0.00	0.00
31	1620	0.064	15.00	1191.0	0.0	370.	0.09	0.01	0.00	0.00	0.00	0.00
32	1625	0.080	21.60	1212.6			0.00	0.00	0.00	0.00	0.00	0.00
33	1630	0.080	24.00	1236.6	0.0	400.	0.09	0.01	0.00	0.00	0.01	0.01
34	1635	0.072	22.80	1259.4			0.00	0.00	0.00	0.00	0.00	0.00
35	1640	0.096	25.20	1284.6	0.0	360.	0.09	0.01	0.00	0.00	0.00	0.00
36	1645	0.128	33.60	1318.2			0.00	0.00	0.00	0.00	0.00	0.00
37	1650	0.224	52.80	1371.0	0.0	140.	0.12	0.01	0.00	0.00	0.00	0.02
38	1655	0.184	51.20	1432.2			0.00	0.00	0.00	0.00	0.00	0.00
39	1700	0.120	45.60	1477.8	0.0	130.	0.12	0.01	0.00	0.00	0.00	0.02
40	1705	0.120	36.00	1513.8			0.00	0.00	0.00	0.00	0.00	0.00
41	1710	0.096	32.40	1546.2	0.0	100.	0.09	0.01	0.00	0.00	0.00	0.02
42	1715	0.089	27.60	1573.8			0.00	0.00	0.00	0.00	0.00	0.00
43	1720	0.112	30.00	1603.8	0.0	300.	0.08	0.01	0.00	0.00	0.00	0.02
44	1725	0.104	32.40	1636.2			0.00	0.00	0.00	0.00	0.00	0.00
45	1730	0.072	26.40	1662.6	0.0	448.	0.08	0.01	0.00	0.00	0.00	0.01
46	1735	0.064	20.40	1683.0			0.00	0.00	0.00	0.00	0.00	0.00
47	1740	0.048	16.80	1699.8	0.0	480.	0.08	0.01	0.00	0.00	0.01	0.00
48	1745	0.048	14.40	1714.2			0.00	0.00	0.00	0.00	0.00	0.00
49	1750	0.056	15.60	1729.8	0.0	510.	0.08	0.01	0.00	0.00	0.00	0.01
50	1755	0.072	19.20	1749.0			0.00	0.00	0.00	0.00	0.00	0.00

KITASUMADANCHI

KORE

AME

NO.2

531204

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NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
51	1800	0.086	24.00	1773.0	0.0	620.	0.08	0.01	0.00	0.00	0.01	0.02
52	1805	0.104	28.80	1801.8			0.00	0.00	0.00	0.00	0.00	0.00
53	1810	0.144	37.20	1839.0	0.0	460.	0.10	0.01	0.00	0.00	0.00	0.03
54	1815	0.144	43.20	1882.2			0.00	0.00	0.00	0.00	0.00	0.00
55	1820	0.100	36.60	1918.8	0.0	390.	0.09	0.01	0.00	0.00	0.00	0.02
56	1825	0.080	27.00	1945.8			0.00	0.00	0.00	0.00	0.00	0.00
57	1830	0.080	24.00	1969.8	0.0	280.	0.08	0.01	0.00	0.01	0.00	0.01
58	1835	0.072	22.30	1992.6			0.00	0.00	0.00	0.00	0.00	0.00
59	1840	0.056	19.20	2011.8	0.0	290.	0.08	0.01	0.00	0.00	0.00	0.01
60	1845	0.032	13.20	2025.0			0.00	0.00	0.00	0.00	0.00	0.00
61	1850	0.024	8.40	2033.4	0.0	300.	0.07	0.01	0.00	0.00	0.00	0.01
62	1855	0.016	6.00	2039.4			0.00	0.00	0.00	0.00	0.00	0.00
63	1900	0.016	4.80	2044.2	0.0	430.	0.07	0.01	0.00	0.00	0.00	0.01
64	1910	0.012	3.40	2052.6			0.00	0.00	0.00	0.00	0.00	0.00
65	1920	0.010	6.60	2059.2	0.0	380.	0.07	0.00	0.00	0.00	0.00	0.02
66	1930	0.008	5.40	2064.6			0.00	0.00	0.00	0.00	0.00	0.00
67	1940	0.006	4.20	2068.8	0.0	400.	0.06	0.01	0.00	0.00	0.00	0.01
68	1950	0.004	3.00	2071.8			0.00	0.00	0.00	0.00	0.00	0.00
69	2000	0.003	2.10	2073.9	0.0	450.	0.07	0.01	0.00	0.00	0.00	0.01
70	2010	0.003	1.80	2075.7			0.00	0.00	0.00	0.00	0.00	0.00
71	2020	0.003	1.80	2077.5	0.0	540.	0.07	0.01	0.00	0.01	0.00	0.00
72	2030	0.003	1.50	2079.3			0.00	0.00	0.00	0.00	0.00	0.00
73	2040	0.003	1.50	2081.1	0.0	290.	0.06	0.01	0.00	0.00	0.00	0.00
74	2050	0.003	1.80	2082.9			0.00	0.00	0.00	0.00	0.00	0.00
75	2100	0.003	1.80	2084.7	0.0	360.	0.07	0.01	0.00	0.01	0.00	0.00

KITASUMADANCHI

KOBÉ

AME

NO.3

540129

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800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	935	0.004	0.0	0.0	3.44	0.01	0.0	0.0	4.40	0.02	0.0	0.0
2	940	0.004	1.20	1.2	3.98	0.02	0.0	0.0	4.80	0.02	0.0	0.0
3	945	0.004	1.20	2.4	3.30	0.01	0.0	0.0	4.60	0.02	0.0	0.0
4	950	0.004	1.20	3.6	2.97	0.01	0.0	0.0	5.60	0.02	0.0	0.0
5	955	0.006	1.50	5.1	3.20	0.02	0.0	0.0	4.20	0.03	0.0	0.0
6	1000	0.008	2.10	7.2	3.39	0.03	0.0	0.0	4.80	0.04	0.0	0.0
7	1005	0.012	3.00	10.2	3.91	0.05	0.0	0.0	3.20	0.04	0.0	0.0
8	1010	0.016	4.20	14.4	3.65	0.06	0.0	0.1	5.40	0.09	0.0	0.1
9	1015	0.016	4.80	19.2	5.86	0.09	0.0	0.1	20.50	0.33	0.1	0.1
10	1020	0.016	4.80	24.0	6.65	0.14	0.0	0.1	32.30	0.52	0.1	0.3
11	1025	0.016	4.80	28.8	9.71	0.16	0.0	0.2	43.50	0.70	0.2	0.4
12	1030	0.016	4.80	33.6	9.75	0.16	0.0	0.2	52.70	0.84	0.2	0.7
13	1035	0.016	4.80	38.4	9.17	0.15	0.0	0.2	65.50	1.05	0.3	0.9
14	1040	0.016	4.80	43.2	8.70	0.14	0.0	0.3	67.00	1.07	0.3	1.3
15	1045	0.016	4.80	48.0	10.50	0.17	0.0	0.3	75.30	1.20	0.3	1.6
16	1050	0.016	4.80	52.8	7.78	0.12	0.0	0.4	69.00	1.10	0.3	2.0
17	1055	0.016	4.80	57.6	8.37	0.13	0.0	0.4	68.00	1.09	0.3	2.3
18	1100	0.016	4.80	62.4	6.75	0.11	0.0	0.5	65.00	1.04	0.3	2.6
19	1105	0.020	5.40	67.8	7.24	0.14	0.0	0.5	65.30	1.31	0.4	3.0
20	1110	0.024	5.60	74.4	6.49	0.16	0.0	0.5	60.00	1.44	0.4	3.4
21	1115	0.040	9.60	84.0	6.82	0.27	0.1	0.6	53.30	2.13	0.5	3.9
22	1120	0.064	15.60	99.6	4.56	0.29	0.1	0.7	48.70	3.12	0.8	4.7
23	1125	0.112	26.40	126.0	7.99	0.89	0.2	0.9	107.00	11.98	2.3	7.0
24	1130	0.100	31.80	157.8	9.10	0.91	0.3	1.1	135.00	13.50	3.8	10.8
25	1135	0.088	28.20	186.0	11.60	1.02	0.3	1.4	154.00	13.55	4.1	14.8
26	1140	0.064	22.80	208.8	11.80	0.76	0.3	1.7	132.00	8.45	3.3	18.1
27	1145	0.056	18.00	226.8	8.09	0.45	0.2	1.9	125.00	7.00	2.3	20.5
28	1150	0.052	16.20	243.0	8.39	0.44	0.1	2.0	98.00	5.10	1.8	22.3
29	1155	0.048	15.00	258.0	6.25	0.30	0.1	2.1	94.70	4.55	1.4	23.7
30	1200	0.032	12.00	270.0	5.62	0.18	0.1	2.2	84.70	2.71	1.1	24.8
31	1205	0.028	9.00	279.0	5.32	0.15	0.0	2.2	84.70	2.37	0.8	25.6
32	1210	0.024	7.80	286.8	4.28	0.10	0.0	2.3	76.00	1.82	0.6	26.2
33	1215	0.016	6.00	292.8	4.33	0.07	0.0	2.3	69.30	1.11	0.4	26.6
34	1220	0.016	4.80	297.6	4.54	0.07	0.0	2.3	66.50	1.06	0.3	27.0
35	1225	0.012	4.20	301.8	4.24	0.05	0.0	2.3	65.50	0.79	0.3	27.2
36	1230	0.008	3.00	304.8	4.78	0.04	0.0	2.4	61.00	0.49	0.2	27.4
37	1235	0.008	2.40	307.2	3.86	0.03	0.0	2.4	61.00	0.49	0.1	27.6
38	1240	0.006	2.10	309.3	3.70	0.02	0.0	2.4	53.50	0.32	0.1	27.7
39	1245	0.006	1.80	311.1	3.84	0.02	0.0	2.4	56.00	0.34	0.1	27.8
40	1250	0.006	1.80	312.9	3.32	0.02	0.0	2.4	52.00	0.31	0.1	27.9
41	1255	0.004	1.50	314.4	4.19	0.02	0.0	2.4	55.50	0.22	0.1	28.0
42	1315	0.004	4.80	319.2	3.70	0.01	0.0	2.4	53.50	0.21	0.3	28.2
43	1335	0.003	4.20	323.4	3.55	0.01	0.0	2.4	53.50	0.16	0.2	28.5

KITASUMADANCHI

K08E

AME

NO.3

540129

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CDD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	935	0.004	0.0	0.0	9.92	0.04	0.0	0.0	2.00	0.01	0.0	0.0
2	940	0.004	1.20	1.2	9.80	0.04	0.0	0.0				
3	945	0.004	1.20	2.4	8.97	0.04	0.0	0.0	2.20	0.01	0.0	0.0
4	950	0.004	1.20	3.6	10.10	0.04	0.0	0.0				
5	955	0.006	1.50	5.1	9.32	0.06	0.0	0.0	1.80	0.01	0.0	0.0
6	1000	0.005	2.10	7.2	9.64	0.08	0.0	0.1				
7	1005	0.012	3.00	10.2	8.69	0.10	0.0	0.1	2.40	0.03	0.0	0.0
8	1010	0.016	4.20	14.4	9.80	0.16	0.0	0.1				
9	1015	0.016	4.80	19.2	12.10	0.19	0.1	0.2	6.50	0.10	0.0	0.1
10	1020	0.016	4.80	24.0	14.40	0.23	0.1	0.3				
11	1025	0.016	4.80	28.8	15.90	0.25	0.1	0.3	11.00	0.18	0.1	0.1
12	1030	0.016	4.80	33.6	16.70	0.27	0.1	0.4				
13	1035	0.016	4.80	38.4	16.90	0.27	0.1	0.5	15.00	0.24	0.1	0.3
14	1040	0.016	4.80	43.2	17.20	0.28	0.1	0.6				
15	1045	0.016	4.80	48.0	16.30	0.26	0.1	0.6	13.30	0.21	0.1	0.4
16	1050	0.016	4.80	52.8	17.10	0.27	0.1	0.7				
17	1055	0.016	4.80	57.6	16.00	0.26	0.1	0.8	13.30	0.21	0.1	0.5
18	1100	0.016	4.80	62.4	16.00	0.26	0.1	0.9				
19	1105	0.020	5.40	67.8	14.40	0.29	0.1	1.0	12.00	0.24	0.1	0.7
20	1110	0.024	6.60	74.4	15.00	0.36	0.1	1.1				
21	1115	0.040	9.60	84.0	13.30	0.53	0.1	1.2	8.70	0.35	0.2	0.8
22	1120	0.064	15.60	99.6	14.10	0.90	0.2	1.4				
23	1125	0.112	26.40	126.0	14.50	1.62	0.4	1.8	26.70	2.99	1.0	1.8
24	1130	0.100	31.80	157.8	17.30	1.73	0.5	2.3				
25	1135	0.088	28.20	186.0	17.50	1.54	0.5	2.8	26.00	2.29	1.6	3.4
26	1140	0.064	22.80	206.6	15.90	1.02	0.4	3.2				
27	1145	0.056	18.00	226.8	16.30	1.02	0.3	3.5	23.00	1.29	1.1	4.5
28	1150	0.052	16.20	243.0	13.50	0.70	0.3	3.7				
29	1155	0.048	15.00	258.0	11.90	0.57	0.2	3.9	17.30	0.83	0.6	5.1
30	1200	0.032	12.00	270.0	11.70	0.37	0.1	4.1				
31	1205	0.028	9.00	279.0	10.30	0.29	0.1	4.2	14.00	0.39	0.4	5.5
32	1210	0.024	7.80	286.8	10.50	0.25	0.1	4.2				
33	1215	0.016	6.00	292.8	10.00	0.16	0.1	4.3	9.30	0.15	0.2	5.7
34	1220	0.016	4.80	297.6	9.48	0.15	0.0	4.4				
35	1225	0.012	4.20	301.8	9.44	0.11	0.0	4.4	7.50	0.09	0.1	5.7
36	1230	0.008	3.00	304.8	10.00	0.08	0.0	4.4				
37	1235	0.008	2.40	307.2	9.40	0.08	0.0	4.4	8.50	0.07	0.0	5.8
38	1240	0.006	2.10	309.2	8.65	0.05	0.0	4.5				
39	1245	0.006	1.80	311.1	9.01	0.05	0.0	4.5	5.50	0.03	0.0	5.8
40	1250	0.006	1.50	312.9	8.69	0.05	0.0	4.5				
41	1255	0.004	1.50	314.4	9.56	0.04	0.0	4.5	8.00	0.03	0.0	5.8
42	1315	0.004	4.50	319.2	9.09	0.04	0.0	4.6				
43	1335	0.003	4.20	323.4	8.57	0.03	0.0	4.6	5.50	0.02	0.1	5.9

KITASUMADANCHI

KOBE

AME

NO.3

540129

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T-P

TKN

NO.	TIME	FLOW (M ³ /S)	TWFLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	TWLOAD (G)	SIG(LOAD) (G)
1	935	0.004	0.0	0.0 I	0.52	0.00	0.0	0.0 I	1.70	0.01	0.0	0.0
2	940	0.004	1.20	1.2 I				I				
3	945	0.004	1.20	2.4 I	0.59	0.00	1.3	1.3 I	1.71	0.01	4.1	4.1
4	950	0.004	1.20	3.6 I				I				
5	955	0.006	1.50	5.1 I	0.62	0.00	1.8	3.2 I	1.51	0.01	4.8	8.9
6	1000	0.008	2.10	7.2 I				I				
7	1005	0.012	3.00	10.2 I	0.60	0.01	3.3	6.4 I	1.54	0.02	8.3	17.1
8	1010	0.016	4.20	14.4 I				I				
9	1015	0.016	4.80	19.2 I	0.48	0.01	4.5	10.9 I	1.74	0.03	13.9	31.0
10	1020	0.016	4.80	24.0 I				I				
11	1025	0.016	4.80	28.8 I	0.46	0.01	4.5	15.4 I	2.49	0.04	20.3	51.3
12	1030	0.016	4.80	33.6 I				I				
13	1035	0.016	4.80	38.4 I	0.37	0.01	4.0	19.4 I	2.58	0.04	24.3	75.7
14	1040	0.016	4.80	43.2 I				I				
15	1045	0.016	4.80	48.0 I	0.48	0.01	4.1	23.5 I	2.54	0.04	24.6	100.2
16	1050	0.016	4.80	52.8 I				I				
17	1055	0.016	4.80	57.6 I	0.34	0.01	3.9	27.4 I	2.36	0.04	23.5	123.8
18	1100	0.016	4.80	62.4 I				I				
19	1105	0.020	5.40	67.8 I	0.38	0.01	3.9	31.3 I	2.09	0.04	23.9	147.6
20	1110	0.024	6.60	74.4 I				I				
21	1115	0.040	9.60	84.0 I	0.14	0.01	4.0	35.3 I	1.70	0.07	32.9	180.6
22	1120	0.064	15.60	99.6 I				I				
23	1125	0.112	26.40	126.0 I	0.06	0.01	3.9	39.3 I	2.11	0.24	91.3	271.9
24	1130	0.100	31.80	157.8 I				I				
25	1135	0.088	28.20	186.0 I	0.38	0.03	12.3	51.6 I	2.11	0.19	126.6	398.5
26	1140	0.064	22.80	206.8 I				I				
27	1145	0.056	18.00	226.8 I	0.05	0.00	11.1	62.7 I	1.66	0.09	83.6	482.1
28	1150	0.052	16.20	243.0 I				I				
29	1155	0.048	15.00	258.0 I	0.02	0.00	1.2	63.9 I	1.35	0.06	47.3	529.4
30	1200	0.032	12.00	270.0 I				I				
31	1205	0.028	9.00	279.0 I	0.21	0.01	2.1	66.0 I	1.13	0.03	28.9	558.3
32	1210	0.024	7.80	286.8 I				I				
33	1215	0.016	6.00	292.8 I	0.06	0.00	2.1	68.1 I	1.08	0.02	14.7	573.0
34	1220	0.016	4.80	297.6 I				I				
35	1225	0.012	4.20	301.8 I	0.05	0.00	0.5	68.6 I	1.07	0.01	9.0	582.0
36	1230	0.008	3.00	304.8 I				I				
37	1235	0.008	2.40	307.2 I	0.02	0.00	0.2	68.8 I	1.02	0.01	6.3	588.3
38	1240	0.006	2.10	309.3 I				I				
39	1245	0.006	1.80	311.1 I	0.05	0.00	0.1	68.9 I	1.04	0.01	4.3	592.6
40	1250	0.006	1.80	312.9 I				I				
41	1255	0.004	1.50	314.4 I	0.05	0.00	0.1	69.1 I	1.03	0.00	3.1	595.8
42	1315	0.004	4.80	319.2 I				I				
43	1335	0.003	4.20	323.4 I	0.18	0.00	0.9	69.9 I	0.94	0.00	8.3	604.1

KITASUMAGACHI

KOBE

AME

NO.3

540129

0

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	935	0.004	0.0	0.0	0.0	330.	0.16	0.01	0.00	0.00	0.00	0.01
2	940	0.004	1.20	1.2	0.0		0.00	0.00	0.00	0.00	0.00	0.00
3	945	0.004	1.20	2.4	0.0	590.	0.11	0.01	0.00	0.00	0.01	0.01
4	950	0.004	1.20	3.6			0.00	0.00	0.00	0.00	0.00	0.00
5	955	0.006	1.50	5.1	0.0	510.	0.09	0.01	0.00	0.00	0.02	0.02
6	1000	0.008	2.10	7.2			0.00	0.00	0.00	0.00	0.00	0.00
7	1005	0.012	3.00	10.2	0.0	550.	0.08	0.01	0.00	0.00	0.01	0.00
8	1010	0.016	4.20	14.4			0.00	0.00	0.00	0.00	0.00	0.00
9	1015	0.016	4.80	19.2	0.0	930.	0.12	0.01	0.00	0.00	0.00	0.01
10	1020	0.016	4.80	24.0			0.00	0.00	0.00	0.00	0.00	0.00
11	1025	0.016	4.80	28.8	0.0	1000.	0.18	0.01	0.00	0.00	0.09	0.00
12	1030	0.016	4.80	33.6			0.00	0.00	0.00	0.00	0.00	0.00
13	1035	0.016	4.80	38.4	0.0	490.	0.40	0.02	0.00	0.00	0.01	0.03
14	1040	0.016	4.80	43.2			0.00	0.00	0.00	0.00	0.00	0.00
15	1045	0.016	4.80	48.0	0.0	700.	0.42	0.02	0.00	0.00	0.15	0.03
16	1050	0.016	4.80	52.8			0.00	0.00	0.00	0.00	0.00	0.00
17	1055	0.016	4.80	57.6	0.0	390.	0.19	0.02	0.00	0.00	0.01	0.01
18	1100	0.016	4.80	62.4			0.00	0.00	0.00	0.00	0.00	0.00
19	1105	0.020	5.40	67.8	0.0	600.	0.20	0.02	0.00	0.00	0.01	0.04
20	1110	0.024	6.60	74.4			0.00	0.00	0.00	0.00	0.00	0.00
21	1115	0.040	9.60	84.0	0.0	440.	0.18	0.01	0.00	0.00	0.00	0.03
22	1120	0.064	15.60	99.6			0.00	0.00	0.00	0.00	0.00	0.00
23	1125	0.112	26.40	126.0	0.0	940.	0.19	0.02	0.00	0.00	0.01	0.02
24	1130	0.100	31.80	157.8			0.00	0.00	0.00	0.00	0.00	0.00
25	1135	0.088	28.20	186.0	0.0	2100.	0.21	0.02	0.00	0.00	0.01	0.04
26	1140	0.064	22.80	208.8			0.00	0.00	0.00	0.00	0.00	0.00
27	1145	0.056	18.00	226.8	0.0	1500.	0.20	0.02	0.00	0.00	0.00	0.03
28	1150	0.052	16.20	243.0			0.00	0.00	0.00	0.00	0.00	0.00
29	1155	0.048	15.00	259.2	0.0	1000.	0.17	0.02	0.00	0.00	0.01	0.04
30	1200	0.032	12.00	270.0			0.00	0.00	0.00	0.00	0.00	0.00
31	1205	0.028	9.00	279.0	0.0	670.	0.16	0.01	0.00	0.00	0.01	0.02
32	1210	0.024	7.80	286.8			0.00	0.00	0.00	0.00	0.00	0.00
33	1215	0.016	6.00	292.8	0.0	350.	0.15	0.01	0.00	0.00	0.01	0.02
34	1220	0.016	4.80	297.6			0.00	0.00	0.00	0.00	0.00	0.00
35	1225	0.012	4.20	301.8	0.0	640.	0.15	0.01	0.00	0.00	0.01	0.01
36	1230	0.008	3.00	304.8			0.00	0.00	0.00	0.00	0.00	0.00
37	1235	0.008	2.40	307.2	0.0	490.	0.14	0.01	0.00	0.00	0.00	0.04
38	1240	0.008	2.10	309.6			0.00	0.00	0.00	0.00	0.00	0.00
39	1245	0.006	1.80	311.1	0.0	930.	0.14	0.01	0.00	0.00	0.00	0.01
40	1250	0.006	1.50	312.9			0.00	0.00	0.00	0.00	0.00	0.00
41	1255	0.004	1.50	314.4	0.0	660.	0.14	0.01	0.00	0.00	0.03	0.02
42	1315	0.004	4.50	319.2			0.14	0.01	0.00	0.00	0.01	0.02
43	1335	0.003	4.20	323.4	0.0	470.	0.13	0.01	0.00	0.00	0.02	0.04

3. 緑町（山形市）

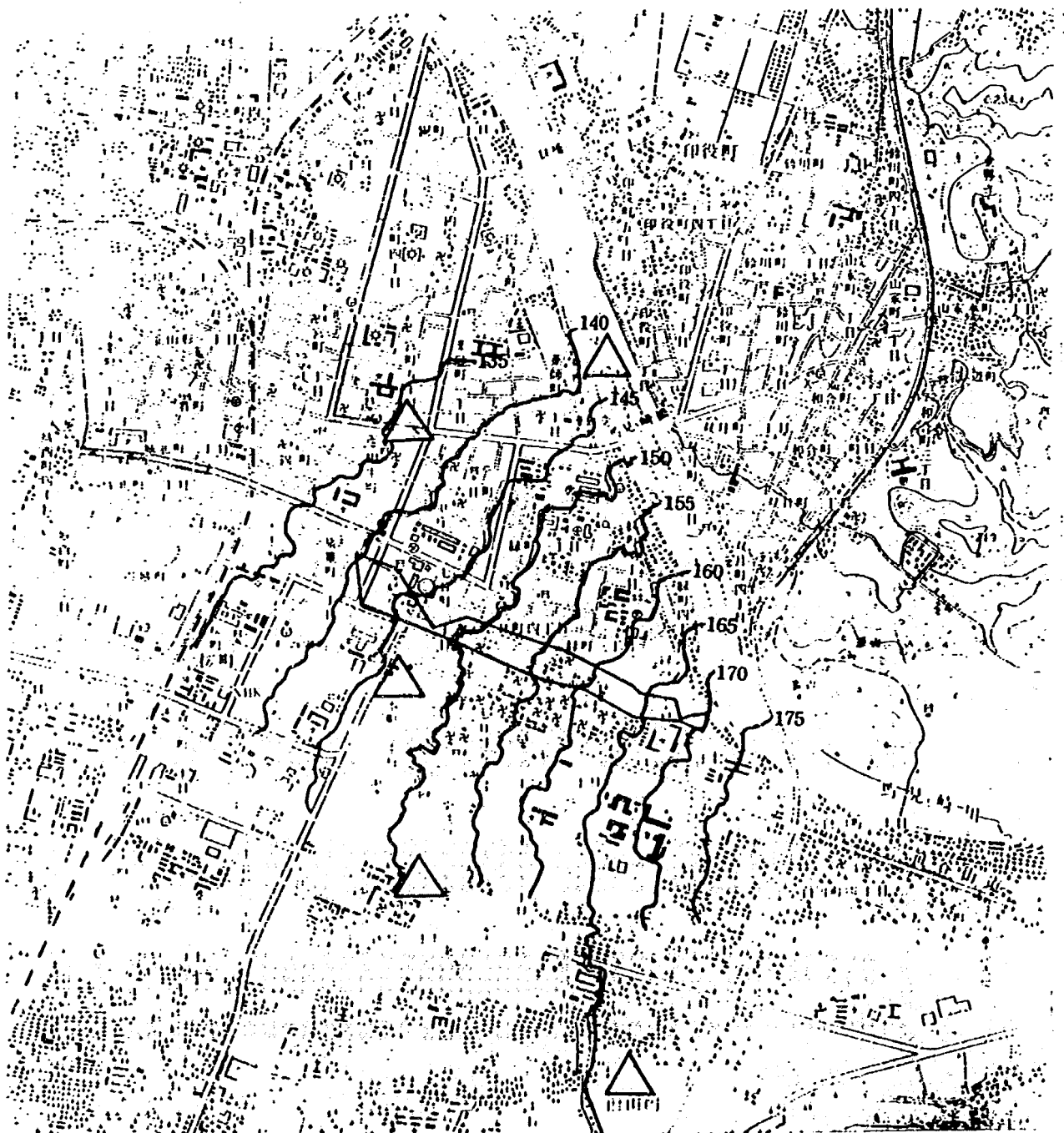
3.1 区域の概要

山形市は、東は奥羽山脈で宮城県境に接し、西は出羽丘陵に達しており、その間に開けている南北40km、東西10～20kmにわたる村山盆地の南部に位置し、海拔149.93m、経緯度は極東140°29′、極西140°10′、極南38°20′の間の面積約382km²、人口約23万人の都市で、市街地は蔵王山系を源とする馬見ヶ崎川の扇状地堆積層上に形成され、市街地の周辺は住居地及び水田から成っており、須川が市街地の西縁地を縫い蛇行しながら北流し最上川に合流している。

調査区域のある市街地の中央部は、東西に平均で約2.2‰傾斜しており、小白川-専称寺-霞城公園を結ぶ線を分水界とし、それぞれ南北に緩く傾斜しており、調査区域は北斜の南縁に位置している。

（図-1参照）

図-1



3.2 土地利用状況

調査区域の面積は約13.69 ha で、東部は第2種住居地域及び住居地域で、一般住宅・寺院が、西部は商業地域で、官公署 事務所 店舗集合住宅が立地している。

なお、同区域の屋根面積は航空写真（昭和45年山形市撮影）から概算すると区域面積に対し約41%である。

昭和53年1月1日現在の世帯数、人口等（山形市市民部調べ）は表-1のとおりで、人口密度は東部の住居・住居専用地域及び最西部の商業地域においてはそれぞれ98.81人/ha、113.72人/haであるが、西部の官公署事務所が立地しているところは36.56人/ha となっている。

表-1

町 名	面 積 (ha)	世 帯 数	夜間人口 (人)	人口密度 (人 / ha)
旅 籠 町 1 丁 目	0.8 3	3 1	9 4	1 1 3.7 2
旅 籠 町 2 丁 目	3.0 1	2 2	8 3	2 7.4 5
七 日 町 3 丁 目	1.4 2	2 5	7 9	5 5.7 2
七 日 町 4 丁 目	2.8 7	1 1 5	3 3 0	1 1 5.0 8
緑 町 3 丁 目	3.8 9	1 0 8	3 5 7	9 1.7 1
緑 町 4 丁 目	1.6 7	4 7	1 4 6	8 7.1 9
合 計	1 3.6 9	3 4 8	1,0 8 9	7 9.5 5

3.3 調査箇所

流量の測定は、あらかじめ浮子法による表面流速を測定し、このデータに基づく流量曲線図を作成し、採水毎に水位観測による流量調査を行なった。（農業土木学詳論P32牧隆恭著による）

流量測定値（実測）

観 測 (NO)	観 測 年 月 日	水 位 h (m)	測定流量Q(m ³ /sec)	備 考
1	49. 7. 15	0.0 1	0.0 0 3	
2	7 27	0.0 2	0.0 0 9	
3	"	0.0 5	0.0 3 6	
4	"	0.0 7	0.0 5 9	
5	"	0.0 8	0.0 7 3	
6	"	0.1 0	0.0 9 7	
7	"	0.1 4	0.1 3 9	
8	"	0.1 7	0.1 7 0	
9	"	0.2 0	0.2 0 0	
10	"	0.2 2	0.2 2 2	

水位測定は量水標を設置した。量水標は長さ 90 cm 巾 15 cm で 1 cm 目盛のもので厚さは 2 mm の鉄板にホウロウびきのものである。

観測地点の側壁は石積面でコンクリート釘で固定した。

$$Q = a + b h + c h^2 \quad (1)$$

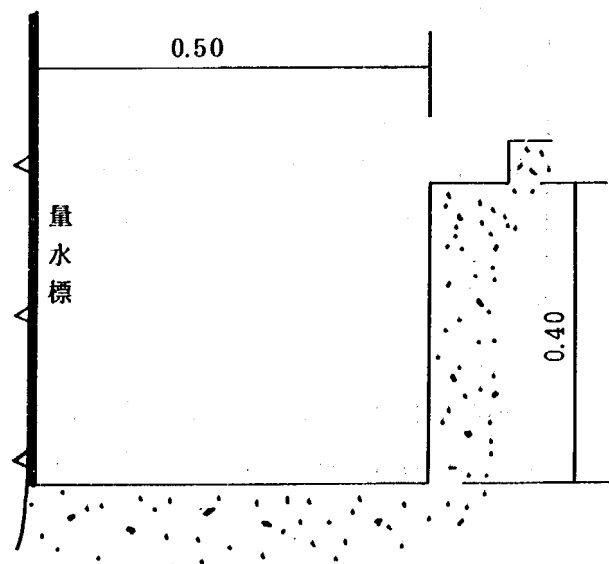
として、上表より a, b, c を求めた結果、水位 h と流量 Q の関係式として

$$Q = -0.0116 + 1.0512h + 0.0615h^2 \quad (2)$$

ただし、Q : 流量 (m³/sec), h : 水位 (m)

を得たので、本調査における流量測定は、量水標から水位 h を読み取り、これを (2) 式へ代入して求めた。

採水は、採水間隔を 5 分とし、1 採水毎に量水標（山形市建設部既設置）による水位測定
のうえ採水は 2 ℓ ポリ瓶 4 本、1 ℓ・100mℓ
ガラス瓶各 1 本に採水し、直ちに現地前処理
を行い分析室に搬入した。



調査地点の水路断面

3.4 降雨, 流出量データ

S 49. 9. 19

時	分	ΔR (mm/10分)	WWF (m ³ /s)	時	分	ΔR (mm/10分)	WWF (m ³ /s)	時	分	ΔR (mm/10分)	WWF (m ³ /s)
0	00	0.		3	30	1.0	0.0200				
	5				35		"				
	10	0.			40	0.	0.0253				
	15				45		"				
	20	0.5			50	0.	"				
	25				55		0.0200				
	30	0.5	0.0200	4	00	0.	"				
	35		0.0305		5		0.0147				
	40	0.	"		10	0.5	"				
	45		0.0253		15		0.0094				
	50	0.5	0.0200		20	0.	"				
	55		0.0147		25		"				
1	00	0.	"		30	0.	"				
	5		"		35		"				
	10	0.	"		40	0.	"				
	15		0.0094		45		0.0042				
	20	0.5	"		50	0.	"				
	25		0.0147		55		"				
	30	0.5	0.0200	5	00	0.	"				
	35		"								
	40	0.	"								
	45		"								
	50	0.	"								
	55		"								
2	00	0.5	"								
	5		"								
	10	0.	"								
	15		0.0147								
	20	0.	"								
	25		"								
	30	0.	"								
	35		0.0094								
	40	0.5	"								
	45		"								
	50	0.	"								
	55		"								
3	00	0.	"								
	5		"								
	10	0.	"								
	15		"								
	20	0.	"								
	25		"								

S 49. 10. 15

[illegible]

S 49. 11. 22

時	分	ΔR (mm/10分)	WWF (m^3/s)	時	分	ΔR (mm/10分)	WWF (m^3/s)	時	分	ΔR (mm/10分)	WWF (m^3/s)
9	25			12	55		0.0042				
	30	0.	0.0253	13	00	0.	"				
	35		"		5		"				
	40	0.5	"		10	0.	"				
	45		"		15		0.0011				
	50	0.5	"		20	0.	"				
	55		"		25		"				
10	00	0.5	"		30	0.	"				
	5		0.0200		35		"				
	10	0.5	"		40	0.	"				
	15		"								
	20	0.	"								
	25		"								
	30	0.	0.0147								
	35		"								
	40	0.	"								
	45		0.0200								
	50	0.5	0.0253								
	55		"								
11	00	0.5	"								
	5		0.0305								
	10	0.	"								
	15		0.0253								
	20	0.	"								
	25		0.0200								
	30	0.5	"								
	35		"								
	40	0.	0.0147								
	45		0.0097								
	50	0.	"								
	55		"								
12	00	0.	"								
	5		"								
	10	0.	"								
	15		0.0042								
	20	0.	"								
	25		"								
	30	0.	"								
	35		"								
	40	0.	"								
	45		"								
	50	0.	"								

S 49. 12. 14

[illegible]

MIDORIMACHI (YAMAGATA CITY) S.49.09.19 JWF

800													SS			
NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	
1	30	0.020	0.	0. I	15.70	0.33	0.	0. I	81.00	1.52	0.	0.				
2	35	0.031	7.58	7.6 I	15.50	0.50	0.1	0.1 I	103.00	3.14	0.7	0.7				
3	40	0.031	9.15	16.7 I	12.20	0.37	0.1	0.3 I	81.00	2.47	0.8	1.6				
4	45	0.025	8.37	25.1 I	13.20	0.46	0.1	0.4 I	64.50	1.63	0.6	2.2				
5	50	0.020	6.80	31.9 I	9.10	0.18	0.1	0.5 I	59.00	1.18	0.4	2.6				
6	55	0.015	5.20	37.1 I	8.30	0.12	0.0	0.5 I	44.00	0.65	0.3	2.9				
7	100	0.015	4.41	41.5 I	8.30	0.12	0.0	0.6 I	58.00	0.85	0.2	3.1				
8	105	0.015	4.41	45.9 I	7.10	0.10	0.0	0.6 I	52.00	0.76	0.2	3.3				
9	110	0.015	4.41	50.3 I	20.30	0.30	0.1	0.7 I	49.00	0.72	0.2	3.6				
10	115	0.009	3.62	53.9 I	15.90	0.15	0.1	0.7 I	44.00	0.41	0.2	3.7				
11	120	0.009	2.82	56.8 I	8.00	0.08	0.0	0.8 I	32.50	0.31	0.1	3.8				
12	125	0.015	3.62	60.4 I	8.80	0.13	0.0	0.8 I	37.00	0.54	0.1	4.0				
13	130	0.020	5.20	65.6 I	7.30	0.15	0.0	0.8 I	42.50	0.85	0.2	4.2				
14	135	0.020	6.00	71.6 I	5.10	0.12	0.0	0.9 I	39.00	0.78	0.2	4.4				
15	140	0.020	6.00	77.6 I	6.80	0.14	0.0	0.9 I	38.00	0.76	0.2	4.6				
16	145	0.020	6.00	83.6 I	4.20	0.08	0.0	0.9 I	41.50	0.83	0.2	4.9				
17	150	0.020	6.00	89.6 I	4.90	0.10	0.0	1.0 I	40.00	0.80	0.2	5.1				
18	155	0.020	6.00	95.6 I	3.90	0.08	0.0	1.0 I	33.00	0.56	0.2	5.3				
19	200	0.020	6.00	101.6 I	5.10	0.10	0.0	1.0 I	27.00	0.54	0.2	5.5				
20	205	0.020	6.00	107.6 I	3.90	0.08	0.0	1.0 I	17.50	0.35	0.1	5.7				
21	210	0.020	6.00	113.6 I	3.10	0.06	0.0	1.1 I	15.50	0.31	0.1	5.8				
22	215	0.015	5.20	118.8 I	3.60	0.05	0.0	1.1 I	15.80	0.23	0.1	5.8				
23	220	0.015	4.41	123.2 I	3.70	0.05	0.0	1.1 I	14.30	0.21	0.1	5.9				
24	225	0.015	4.41	127.6 I	5.20	0.08	0.0	1.1 I	18.80	0.28	0.1	6.0				
25	230	0.015	4.41	132.0 I	4.90	0.07	0.0	1.1 I	19.50	0.29	0.1	6.1				
26	235	0.009	3.62	135.6 I	3.70	0.03	0.0	1.2 I	18.00	0.17	0.1	6.1				
27	240	0.009	2.82	138.5 I	4.00	0.04	0.0	1.2 I	16.00	0.15	0.0	6.2				
28	245	0.009	2.82	141.5 I	3.40	0.03	0.0	1.2 I	9.80	0.09	0.0	6.2				
29	250	0.009	2.82	144.1 I	3.70	0.03	0.0	1.2 I	8.50	0.08	0.0	6.2				
30	255	0.009	2.82	146.9 I	4.30	0.04	0.0	1.2 I	15.80	0.15	0.0	6.3				
31	300	0.009	2.82	149.7 I	4.00	0.04	0.0	1.2 I	16.00	0.15	0.0	6.3				
32	305	0.009	2.82	152.5 I	4.20	0.04	0.0	1.2 I	13.20	0.12	0.0	6.4				
33	310	0.009	2.82	155.4 I	3.70	0.03	0.0	1.2 I	12.40	0.12	0.0	6.4				
34	315	0.009	2.82	158.2 I	5.40	0.05	0.0	1.2 I	12.80	0.12	0.0	6.4				
35	320	0.009	2.82	161.0 I	5.60	0.05	0.0	1.3 I	11.80	0.11	0.0	6.5				
36	325	0.009	2.82	163.8 I	4.00	0.04	0.0	1.3 I	18.00	0.17	0.0	6.5				
37	330	0.020	4.41	168.2 I	3.60	0.07	0.0	1.3 I	29.80	0.60	0.1	6.6				
38	335	0.020	6.00	174.2 I	3.90	0.08	0.0	1.3 I	32.20	0.64	0.2	6.8				
39	340	0.025	6.80	181.0 I	5.00	0.13	0.0	1.3 I	28.60	0.72	0.2	7.0				
40	345	0.025	7.59	188.6 I	4.30	0.11	0.0	1.4 I	51.80	1.56	0.3	7.4				
41	350	0.025	7.59	196.2 I	6.00	0.15	0.0	1.4 I	37.00	0.94	0.4	7.7				
42	355	0.020	6.80	203.0 I	5.10	0.10	0.0	1.5 I	28.20	0.56	0.2	8.0				
43	400	0.020	6.00	209.0 I	3.90	0.08	0.0	1.5 I	29.60	0.59	0.2	8.1				
44	405	0.015	5.20	214.2 I	3.40	0.05	0.0	1.5 I	20.00	0.29	0.1	8.3				
45	410	0.015	4.41	218.6 I	3.30	0.05	0.0	1.5 I	17.00	0.25	0.1	8.4				
46	415	0.009	3.62	222.2 I	3.10	0.03	0.0	1.5 I	12.40	0.12	0.1	8.4				
47	420	0.009	2.82	225.1 I	3.50	0.03	0.0	1.5 I	11.60	0.11	0.0	8.4				
48	425	0.009	2.82	227.9 I	5.40	0.05	0.0	1.6 I	13.20	0.12	0.0	8.5				

COD												VSS			
NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)			
1	30	0.020	0.	0. I	5.50	0.11	0.	0. I	44.00	0.88	0.	0.			
2	35	0.031	7.58	7.6 I	4.10	0.13	0.0	0.0 I							
3	40	0.031	9.15	16.7 I	4.70	0.14	0.0	0.1 I	47.50	1.45	0.7	0.7			
4	45	0.025	8.37	25.1 I	2.70	0.07	0.0	0.1 I							
5	50	0.020	6.80	31.9 I	2.90	0.06	0.0	0.1 I	29.00	0.58	0.6	1.3			
6	55	0.015	5.20	37.1 I	2.60	0.04	0.0	0.1 I							
7	100	0.015	4.41	41.5 I	2.60	0.04	0.0	0.2 I	21.50	0.32	0.3	1.6			
8	105	0.015	4.41	45.9 I	2.20	0.03	0.0	0.2 I							
9	110	0.015	4.41	50.3 I	2.20	0.03	0.0	0.2 I	19.00	0.28	0.2	1.8			
10	115	0.009	3.62	53.9 I	1.50	0.01	0.0	0.2 I							
11	120	0.009	2.82	56.8 I	1.50	0.01	0.0	0.2 I	12.00	0.11	0.1	1.9			
12	125	0.015	3.62	60.4 I	2.00	0.03	0.0	0.2 I							
13	130	0.020	5.20	65.6 I	1.80	0.04	0.0	0.2 I	14.00	0.28	0.1	2.0			
14	135	0.020	6.00	71.6 I	1.70	0.03	0.0	0.2 I							
15	140	0.020	6.00	77.6 I	2.20	0.04	0.0	0.2 I	18.00	0.36	0.2	2.2			
16	145	0.020	6.00	83.6 I	1.40	0.03	0.0	0.2 I							
17	150	0.020	6.00	89.6 I	1.60	0.03	0.0	0.2 I	23.50	0.47	0.2	2.4			
18	155	0.020	6.00	95.6 I	1.40	0.03	0.0	0.3 I							
19	200	0.020	6.00	101.6 I	1.40	0.03	0.0	0.3 I	12.00	0.24	0.2	2.6			
20	205	0.020	6.00	107.6 I	1.40	0.03	0.0	0.3 I							
21	210	0.020	6.00	113.6 I	1.30	0.03	0.0	0.3 I	8.50	0.17	0.1	2.8			
22	215	0.015	5.20	118.8 I	1.00	0.01	0.0	0.3 I							
23	220	0.015	4.41	123.2 I	1.10	0.02	0.0	0.3 I	7.30	0.11	0.1	2.9			
24	225	0.015	4.41	127.6 I	1.10	0.02	0.0	0.3 I							
25	230	0.015	4.41	132.0 I	1.20	0.02	0.0	0.3 I	5.50	0.08	0.1	2.9			
26	235	0.009	3.62	135.6 I	0.80	0.01	0.0	0.3 I							
27	240	0.009	2.82	138.5 I	0.70	0.01	0.0	0.3 I	6.30	0.06	0.0	2.9			
28	245	0.009	2.82	141.3 I	1.00	0.01	0.0	0.3 I							
29	250	0.009	2.82	144.1 I	0.90	0.01	0.0	0.3 I	4.00	0.04	0.0	3.0			
30	255	0.009	2.82	146.9 I	0.40	0.00	0.0	0.3 I							
31	300	0.009	2.82	149.7 I	0.50	0.00	0.0	0.3 I	5.00	0.05	0.0	3.0			
32	305	0.009	2.82	152.5 I	0.80	0.01	0.0	0.3 I							
33	310	0.009	2.82	155.4 I	1.10	0.01	0.0	0.3 I	3.40	0.03	0.0	3.0			
34	315	0.009	2.82	158.2 I	0.80	0.01	0.0	0.3 I							
35	320	0.009	2.82	161.0 I	0.70	0.01	0.0	0.3 I	3.60	0.03	0.0	3.0			
36	325	0.009	2.82	163.8 I	0.90	0.01	0.0	0.3 I							
37	330	0.020	4.41	168.2 I	0.70	0.01	0.0	0.3 I	17.00	0.34	0.1	3.2			
38	335	0.020	6.00	174.2 I	1.50	0.03	0.0	0.3 I							
39	340	0.025	6.80	181.0 I	1.30	0.03	0.0	0.3 I	15.80	0.40	0.2	3.4			
40	345	0.025	7.59	188.6 I	2.40	0.06	0.0	0.4 I							
41	350	0.025	7.59	196.2 I	2.10	0.05	0.0	0.4 I	23.00	0.58	0.3	3.7			
42	355	0.020	6.80	203.0 I	1.50	0.03	0.0	0.4 I							
43	400	0.020	6.00	209.0 I	1.20	0.02	0.0	0.4 I	15.80	0.32	0.3	3.9			
44	405	0.015	5.20	214.2 I	0.90	0.01	0.0	0.4 I							
45	410	0.015	4.41	218.6 I	1.10	0.02	0.0	0.4 I	8.40	0.12	0.1	4.1			
46	415	0.009	3.62	222.2 I	1.20	0.01	0.0	0.4 I							
47	420	0.009	2.82	225.1 I	1.10	0.01	0.0	0.4 I	4.60	0.04	0.1	4.1			
48	425	0.009	2.82	227.9 I	1.20	0.01	0.0	0.4 I							

MIDORIMACHI (YAMAGATA CITY) S.49.09.19 WWF

NO.	TIME	T-P				TKN						
		FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	30	0.020	0.	0. I	0.30	0.01	0.	0. I	0.70	0.01	0.	0.
2	35	0.031	7.58	7.6								
3	40	0.051	9.15	16.7 I	0.19	0.01	3.5	3.5 I	0.70	0.02	10.6	10.6
4	45	0.025	8.37	25.1								
5	50	0.020	6.80	31.9 I	0.16	0.00	2.7	6.2 I	1.90	0.04	17.8	28.4
6	55	0.015	5.20	37.1								
7	100	0.015	4.41	41.5 I	0.16	0.00	1.7	7.9 I	0.60	0.01	14.0	42.5
8	105	0.015	4.41	45.9								
9	110	0.015	4.41	50.3 I	0.17	0.00	1.5	9.4 I	1.90	0.03	11.0	53.5
10	115	0.009	3.62	53.9								
11	120	0.009	2.82	56.8 I	0.13	0.00	1.1	10.5 I	0.60	0.01	10.1	63.6
12	125	0.015	3.62	60.4								
13	130	0.020	5.20	65.6 I	0.50	0.01	4.0	14.4 I	5.90	0.08	25.1	88.6
14	135	0.020	6.00	71.6								
15	140	0.020	6.00	77.6 I	0.16	0.00	4.6	19.0 I	0.70	0.01	27.6	116.2
16	145	0.020	6.00	83.6								
17	150	0.020	6.00	89.6 I	0.14	0.00	1.8	20.8 I	0.70	0.01	8.4	124.6
18	155	0.020	6.00	95.6								
19	200	0.020	6.00	101.6 I	0.10	0.00	1.4	22.2 I	0.	0.	4.2	128.8
20	205	0.020	6.00	107.6								
21	210	0.020	6.00	113.6 I	0.11	0.00	1.3	23.5 I	0.	0.	0.	128.8
22	215	0.015	5.20	118.8								
23	220	0.015	4.41	123.2 I	0.12	0.00	1.2	24.7 I	0.	0.	0.	128.8
24	225	0.015	4.41	127.6								
25	230	0.015	4.41	132.0 I	0.20	0.00	1.4	26.1 I	0.70	0.01	3.1	131.9
26	235	0.009	3.62	135.6								
27	240	0.009	2.82	138.5 I	0.12	0.00	1.2	27.3 I	0.70	0.01	5.1	137.0
28	245	0.009	2.82	141.3								
29	250	0.009	2.82	144.1 I	0.12	0.00	0.7	28.0 I	0.70	0.01	3.9	140.9
30	255	0.009	2.82	146.9								
31	300	0.009	2.82	149.7 I	0.14	0.00	0.7	28.7 I	0.70	0.01	3.9	144.9
32	305	0.009	2.82	152.5								
33	310	0.009	2.82	155.4 I	0.19	0.00	0.9	29.7 I	0.70	0.01	3.9	148.8
34	315	0.009	2.82	158.2								
35	320	0.009	2.82	161.0 I	0.19	0.00	1.1	30.7 I	0.70	0.01	3.9	152.8
36	325	0.009	2.82	163.8								
37	330	0.020	4.41	168.2 I	0.13	0.00	1.3	32.0 I	0.70	0.01	6.2	159.0
38	335	0.020	6.00	174.2								
39	340	0.025	6.80	181.0 I	0.11	0.00	1.6	33.7 I	0.70	0.02	9.5	168.5
40	345	0.025	7.59	188.6								
41	350	0.025	7.59	196.2 I	0.12	0.00	1.7	35.4 I	0.	0.	5.3	175.8
42	355	0.020	6.80	203.0								
43	400	0.020	6.00	207.0 I	0.55	0.01	4.8	40.2 I	0.70	0.01	4.2	178.0
44	405	0.015	5.20	214.2								
45	410	0.015	4.41	218.6 I	0.09	0.00	4.3	44.5 I	0.	0.	4.2	182.2
46	415	0.009	3.62	222.2								
47	420	0.009	2.82	225.1 I	0.10	0.00	0.7	45.2 I	0.70	0.01	2.0	184.2
48	425	0.009	2.82	227.9								

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	30	0.020	0.	0.	13.00	15000.	0.59	0.03	0.01	-10.00	0.02	-10.00
2	35	0.031	7.58	7.6			0.59	0.03	0.01	-10.00	0.02	-10.00
3	40	0.031	9.15	16.7	10.00	7400.	0.50	0.02	0.01	-10.00	0.02	-10.00
4	45	0.025	8.37	25.1			0.50	0.02	0.01	-10.00	0.02	-10.00
5	50	0.020	6.80	31.9	9.30	7500.	0.37	0.03	0.02	-10.00	0.02	-10.00
6	55	0.015	5.20	37.1			0.37	0.03	0.02	-10.00	0.02	-10.00
7	100	0.015	4.41	41.5	8.30	18000.	0.40	0.03	0.01	-10.00	0.01	-10.00
8	105	0.015	4.41	45.9			0.42	0.02	0.01	-10.00	0.01	-10.00
9	110	0.015	4.41	50.3	8.40	21000.	0.36	0.02	0.01	-10.00	0.01	-10.00
10	115	0.009	3.62	53.9			0.36	0.02	0.01	-10.00	0.01	-10.00
11	120	0.009	2.82	56.8	7.70	64000.	0.16	0.07	0.02	-10.00	0.02	-10.00
12	125	0.015	3.62	60.4			0.32	0.01	0.01	-10.00	0.01	-10.00
13	130	0.020	5.20	65.6	8.90	56000.	0.13	0.04	0.02	-10.00	0.02	-10.00
14	135	0.020	6.00	71.6			0.34	0.01	0.01	-10.00	0.01	-10.00
15	140	0.020	6.00	77.6	8.90	23000.	0.36	0.01	0.00	-10.00	0.02	-10.00
16	145	0.020	6.00	83.6			0.13	0.04	0.02	-10.00	0.02	-10.00
17	150	0.020	6.00	89.6	8.00	28000.	0.36	0.02	0.01	-10.00	0.02	-10.00
18	155	0.020	6.00	95.6			0.12	0.04	0.01	-10.00	0.02	-10.00
19	200	0.020	6.00	101.6	7.30	26000.	0.28	0.01	0.02	-10.00	0.01	-10.00
20	205	0.020	6.00	107.6			0.11	0.04	0.01	-10.00	0.03	-10.00
21	210	0.020	6.00	113.6	9.30	24000.	0.28	0.06	0.02	-10.00	0.01	-10.00
22	215	0.015	5.20	118.8			0.28	0.03	0.02	-10.00	0.01	-10.00
23	220	0.015	4.41	123.2	8.40	28000.	0.29	0.04	0.03	-10.00	0.01	-10.00
24	225	0.015	4.41	127.6			0.26	0.03	0.02	-10.00	0.01	-10.00
25	230	0.015	4.41	132.0	6.50	1100.	0.26	0.03	0.	-10.00	0.02	-10.00
26	235	0.009	3.62	135.6			0.28	0.01	0.03	-10.00	0.03	-10.00
27	240	0.009	2.82	138.5	6.20	3100.	0.28	0.01	0.02	-10.00	0.02	-10.00
28	245	0.009	2.82	141.3			0.27	0.03	0.01	-10.00	0.01	-10.00
29	250	0.009	2.82	144.1	7.30	1800.	0.31	0.06	0.01	-10.00	0.01	-10.00
30	255	0.009	2.82	146.9			0.27	0.03	0.01	-10.00	0.01	-10.00
31	300	0.009	2.82	149.7	9.00	2300.	0.27	0.02	0.01	-10.00	0.02	-10.00
32	305	0.009	2.82	152.5			0.28	0.01	0.02	-10.00	0.01	-10.00
33	310	0.009	2.82	155.4	9.00	2600.	0.30	0.02	0.02	-10.00	0.01	-10.00
34	315	0.009	2.82	158.2			0.20	0.01	0.01	-10.00	0.02	-10.00
35	320	0.009	2.82	161.0	5.60	3000.	0.27	0.01	0.01	-10.00	0.00	-10.00
36	325	0.009	2.82	163.8			0.27	0.02	0.00	-10.00	0.01	-10.00
37	330	0.020	4.41	168.2	6.30	2300.	0.30	0.03	0.01	-10.00	0.02	-10.00
38	335	0.020	6.00	174.2			0.36	0.01	0.01	-10.00	0.02	-10.00
39	340	0.025	6.80	181.0	7.70	2900.	0.35	0.01	0.01	-10.00	0.02	-10.00
40	345	0.025	7.59	188.6			0.41	0.02	0.02	-10.00	0.01	-10.00
41	350	0.025	7.59	196.2	8.50	2900.	0.38	0.02	0.05	-10.00	0.02	-10.00
42	355	0.020	6.80	203.0			0.30	0.02	0.01	-10.00	0.01	-10.00
43	400	0.020	6.00	209.0	6.20	1800.	0.28	0.03	0.02	-10.00	0.01	-10.00
44	405	0.015	5.20	214.2			0.27	0.02	0.01	-10.00	0.01	-10.00
45	410	0.015	4.41	218.6	5.70	2300.	0.25	0.02	0.01	-10.00	0.02	-10.00
46	415	0.009	3.62	222.2			0.11	0.04	0.01	-10.00	0.01	-10.00
47	420	0.009	2.82	225.1	4.30	3000.	0.26	0.00	0.01	-10.00	0.01	-10.00
48	425	0.009	2.82	227.9			0.30	0.01	0.02	-10.00	0.02	-10.00

MIDORIMACHI (YAMAGATA CITY) S.49.10.15 WWF

BDD												SS			
NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)			
1	1350	0.001	0.	0. I	42.60	0.05	0.	0. I	92.00	0.10	0.	0.			
2	1355	0.001	0.33	0.3 I	45.30	0.05	0.0	0.0 I	91.50	0.10	0.3	0.0			
3	1400	0.001	0.33	0.7 I	55.60	0.06	0.0	0.0 I	80.50	0.09	0.0	0.1			
4	1405	0.001	0.33	1.0 I	44.80	0.05	0.0	0.0 I	70.50	0.08	0.0	0.1			
5	1410	0.001	0.33	1.3 I	44.40	0.05	0.0	0.1 I	70.00	0.08	0.0	0.1			
6	1415	0.004	0.80	2.1 I	49.80	0.21	0.0	0.1 I	66.00	0.28	0.1	0.2			
7	1420	0.004	1.26	3.4 I	50.20	0.21	0.1	0.2 I	95.00	0.39	0.1	0.3			
8	1425	0.009	2.04	5.4 I	55.40	0.52	0.1	0.3 I	79.50	0.75	0.2	0.4			
9	1430	0.009	2.82	8.2 I	40.20	0.38	0.1	0.4 I	131.00	1.23	0.3	0.7			
10	1435	0.009	2.82	11.1 I	54.80	0.61	0.1	0.6 I	82.00	0.77	0.3	1.0			
11	1440	0.004	2.04	13.1 I	58.00	0.29	0.1	0.7 I	95.50	0.40	0.2	1.2			
12	1445	0.004	1.26	14.4 I	53.50	0.22	0.1	0.8 I	79.50	0.33	0.1	1.3			
13	1450	0.004	1.26	15.6 I	48.20	0.20	0.1	0.8 I	67.00	0.28	0.1	1.4			
14	1455	0.004	1.26	16.9 I	39.60	0.17	0.1	0.9 I	73.00	0.31	0.1	1.5			
15	1500	0.004	1.26	18.1 I	54.60	0.23	0.1	0.9 I	89.50	0.38	0.1	1.6			
16	1505	0.004	1.26	19.4 I	45.40	0.19	0.1	1.0 I	68.00	0.29	0.1	1.7			
17	1510	0.004	1.26	20.7 I	51.40	0.22	0.1	1.1 I	81.50	0.34	0.1	1.8			
18	1515	0.004	1.26	21.9 I	50.80	0.21	0.1	1.1 I	59.50	0.25	0.1	1.9			
19	1520	0.004	1.26	23.2 I	53.90	0.23	0.1	1.2 I	84.50	0.35	0.1	2.0			
20	1525	0.004	1.26	24.4 I	35.50	0.15	0.1	1.3 I	75.50	0.32	0.1	2.1			
21	1530	0.004	1.26	25.7 I	34.40	0.14	0.0	1.3 I	83.50	0.35	0.1	2.2			
22	1535	0.009	2.04	27.7 I	34.10	0.32	0.1	1.4 I	59.50	0.56	0.1	2.3			
23	1540	0.009	2.82	30.6 I	34.80	0.33	0.1	1.5 I	73.00	0.69	0.2	2.5			
24	1545	0.009	2.82	33.4 I	54.10	0.51	0.1	1.6 I	61.50	0.58	0.2	2.7			
25	1550	0.009	2.82	36.2 I	37.30	0.35	0.1	1.7 I	79.50	0.75	0.2	2.9			
26	1555	0.009	2.82	39.0 I	34.60	0.33	0.1	1.8 I	65.00	0.61	0.2	3.1			
27	1600	0.004	2.04	41.1 I	41.70	0.18	0.1	1.9 I	104.00	0.44	0.2	3.2			
28	1605	0.001	0.80	41.9 I	25.90	0.03	0.0	1.9 I	186.00	0.20	0.1	3.3			
29	1610	0.001	0.33	42.2 I	24.20	0.03	0.0	1.9 I	90.00	0.10	0.0	3.4			
30	1615	0.001	0.33	42.5 I	28.90	0.03	0.0	1.9 I	79.50	0.09	0.0	3.4			

COD												VSS			
NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)			
1	1350	0.001	0.	0. I	5.00	0.01	0.	0. I	40.50	0.04	0.	0.			
2	1355	0.001	0.33	0.3 I	5.50	0.01	0.0	0.0 I							
3	1400	0.001	0.33	0.7 I	7.40	0.01	0.0	0.0 I	37.00	0.04	0.0	0.0			
4	1405	0.001	0.33	1.0 I	5.60	0.01	0.0	0.0 I							
5	1410	0.001	0.33	1.3 I	5.00	0.01	0.0	0.0 I	28.00	0.03	0.0	0.0			
6	1415	0.004	0.80	2.1 I	8.00	0.03	0.0	0.0 I							
7	1420	0.004	1.26	3.4 I	11.20	0.05	0.0	0.0 I	41.50	0.17	0.1	0.1			
8	1425	0.009	2.04	5.4 I	13.80	0.13	0.0	0.1 I							
9	1430	0.009	2.82	8.2 I	13.70	0.13	0.0	0.1 I	76.50	0.72	0.3	0.4			
10	1435	0.009	2.82	11.1 I	12.60	0.12	0.0	0.1 I							
11	1440	0.004	2.04	13.1 I	8.90	0.04	0.0	0.2 I	51.00	0.21	0.3	0.7			
12	1445	0.004	1.26	14.4 I	8.20	0.03	0.0	0.2 I							
13	1450	0.004	1.26	15.6 I	7.30	0.03	0.0	0.2 I	37.50	0.16	0.1	0.8			
14	1455	0.004	1.26	16.9 I	8.00	0.03	0.0	0.2 I							
15	1500	0.004	1.26	18.1 I	7.90	0.03	0.0	0.2 I	52.50	0.22	0.1	0.9			
16	1505	0.004	1.26	19.4 I	7.90	0.03	0.0	0.2 I							
17	1510	0.004	1.26	20.7 I	8.00	0.03	0.0	0.2 I	45.50	0.19	0.1	1.0			
18	1515	0.004	1.26	21.9 I	7.50	0.03	0.0	0.2 I							
19	1520	0.004	1.26	23.2 I	7.50	0.03	0.0	0.2 I	51.50	0.22	0.1	1.1			
20	1525	0.004	1.26	24.4 I	7.00	0.03	0.0	0.2 I							
21	1530	0.004	1.26	25.7 I	5.10	0.03	0.0	0.2 I	47.00	0.20	0.1	1.3			
22	1535	0.009	2.04	27.7 I	5.30	0.06	0.0	0.3 I							
23	1540	0.009	2.82	30.6 I	5.10	0.06	0.0	0.3 I	47.00	0.44	0.2	1.4			
24	1545	0.009	2.82	33.4 I	8.60	0.08	0.0	0.3 I							
25	1550	0.009	2.82	36.2 I	8.20	0.08	0.0	0.3 I	39.00	0.37	0.2	1.7			
26	1555	0.009	2.82	39.0 I	7.70	0.07	0.0	0.3 I							
27	1600	0.004	2.04	41.1 I	9.20	0.04	0.0	0.4 I	63.00	0.26	0.2	1.9			
28	1605	0.001	0.80	41.9 I	7.80	0.01	0.0	0.4 I							
29	1610	0.001	0.33	42.2 I	8.20	0.01	0.0	0.4 I	59.00	0.06	0.1	2.0			
30	1615	0.001	0.33	42.5 I	7.80	0.01	0.0	0.4 I							

MIDORIMACHI (YAMAGATA CITY) S.49.10.15 WWF

NO.	TIME	T-P											TKN		
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)			
1	1350	0.001	0.	0. I	0.55	0.00	0.	0. I	7.10	0.01	0.	0.			
2	1355	0.001	0.33	0.3											
3	1400	0.001	0.33	0.7 I	0.46	0.00	0.3	0.3 I	3.30	0.00	3.4	3.4			
4	1405	0.001	0.33	1.0											
5	1410	0.001	0.33	1.3 I	0.52	0.00	0.3	0.7 I	4.00	0.00	2.4	5.8			
6	1415	0.004	0.80	2.1											
7	1420	0.004	1.26	3.4 I	0.86	0.00	1.3	1.9 I	11.20	0.05	15.4	21.3			
8	1425	0.009	2.04	5.4											
9	1430	0.009	2.82	8.2 I	0.88	0.01	3.6	5.5 I	15.60	0.15	58.1	79.4			
10	1435	0.009	2.82	11.1											
11	1440	0.004	2.04	13.1 I	0.67	0.00	3.3	8.8 I	14.10	0.06	61.8	141.1			
12	1445	0.004	1.26	14.4											
13	1450	0.004	1.26	15.6 I	0.55	0.00	1.5	10.3 I	13.50	0.06	34.8	175.9			
14	1455	0.004	1.26	16.9											
15	1500	0.004	1.26	18.1 I	1.39	0.01	2.4	12.8 I	13.50	0.06	34.0	209.9			
16	1505	0.004	1.26	19.4											
17	1510	0.004	1.26	20.7 I	1.13	0.00	3.2	16.0 I	13.00	0.05	33.4	243.3			
18	1515	0.004	1.26	21.9											
19	1520	0.004	1.26	23.2 I	1.67	0.01	3.5	19.5 I	12.40	0.05	32.0	275.3			
20	1525	0.004	1.26	24.4											
21	1530	0.004	1.26	25.7 I	0.92	0.00	3.1	22.6 I	12.40	0.05	31.2	306.6			
22	1535	0.009	2.04	27.7											
23	1540	0.009	2.82	30.6 I	0.67	0.01	2.9	25.5 I	12.40	0.12	50.6	357.2			
24	1545	0.009	2.82	33.4											
25	1550	0.009	2.82	36.2 I	0.77	0.01	4.1	29.6 I	11.80	0.11	68.2	425.4			
26	1555	0.009	2.82	39.0											
27	1600	0.004	2.04	41.1 I	0.37	0.00	2.6	32.2 I	11.80	0.05	48.1	473.6			
28	1605	0.001	0.80	41.9											
29	1610	0.001	0.33	42.2 I	0.42	0.00	0.6	32.9 I	12.40	0.01	19.0	492.5			
30	1615	0.001	0.33	42.5											

NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1350	0.001	0.	0.	8.90	5200.	0.75	0.04	0.02	-10.00	0.03	0.04
2	1355	0.001	0.33	0.3			0.94	0.04	0.01	-10.00	0.03	0.05
3	1400	0.001	0.33	0.7	9.30	2400.	1.19	0.04	0.01	-10.00	0.02	0.04
4	1405	0.001	0.33	1.0			1.25	0.04	0.01	-10.00	0.03	0.05
5	1410	0.001	0.33	1.3	7.60	3500.	1.07	0.04	0.01	-10.00	0.03	0.04
6	1415	0.004	0.80	2.1			0.97	0.05	0.02	-10.00	0.03	0.04
7	1420	0.004	1.26	3.4	10.30	12000.	1.30	0.04	0.02	-10.00	0.04	0.13
8	1425	0.009	2.04	5.4			1.38	0.03	0.02	-10.00	0.05	0.06
9	1430	0.009	2.82	8.2	11.80	3300.	1.27	0.04	0.02	-10.00	0.04	0.07
10	1435	0.009	2.82	11.1			0.97	0.03	0.02	-10.00	0.	0.05
11	1440	0.004	2.04	13.1	8.00	2600.	0.81	0.03	0.02	-10.00	0.02	0.05
12	1445	0.004	1.26	14.4			0.90	0.04	0.02	-10.00	0.03	0.05
13	1450	0.004	1.26	15.6	9.20	5200.	0.98	0.04	0.01	-10.00	0.04	0.11
14	1455	0.004	1.26	16.9			0.98	0.03	0.02	-10.00	0.03	0.20
15	1500	0.004	1.26	18.1	7.70	7600.	0.94	0.03	0.01	-10.00	0.03	0.06
16	1505	0.004	1.26	19.4			0.98	0.03	0.02	-10.00	0.03	0.09
17	1510	0.004	1.26	20.7	6.20	2100.	0.97	0.04	0.01	-10.00	0.03	0.09
18	1515	0.004	1.26	21.9			0.94	0.03	0.01	-10.00	0.02	0.09
19	1520	0.004	1.26	23.2	5.40	3600.	0.85	0.03	0.02	-10.00	0.03	0.09
20	1525	0.004	1.26	24.4			0.78	0.03	0.03	-10.00	0.04	0.11
21	1530	0.004	1.26	25.7	6.30	1000.	0.85	0.03	0.01	-10.00	0.04	0.36
22	1535	0.009	2.04	27.7			0.76	0.03	0.01	-10.00	0.03	0.08
23	1540	0.009	2.82	30.6	8.10	600.	0.94	0.03	0.02	-10.00	0.03	0.10
24	1545	0.009	2.82	33.4			0.75	0.03	0.01	-10.00	0.03	0.07
25	1550	0.009	2.82	36.2	7.20	1800.	1.05	0.03	0.01	-10.00	0.03	0.11
26	1555	0.009	2.82	39.0			1.09	0.04	0.02	-10.00	0.04	1.88
27	1600	0.004	2.04	41.1	3.40	1100.	1.07	0.04	0.01	-10.00	0.04	0.63
28	1605	0.001	0.33	41.9			1.00	0.03	0.02	-10.00	0.03	0.14
29	1610	0.001	0.33	42.2	11.60	730.	0.85	0.04	0.01	-10.00	0.04	0.13
30	1615	0.001	0.33	42.5			0.80	0.03	0.01	-10.00	0.03	0.12

MIDORINACHI (YAMAGATA CITY) S.49.11.22 WWF

BJD										SS			
NO.	TIME	FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	
1	930	0.025	0.	0.	52.00	1.32	0.	0.	115.20	2.91	0.	0.	
2	935	0.025	7.59	7.6	49.70	1.23	0.4	0.4	100.20	2.54	0.8	0.8	
3	940	0.025	7.59	15.2	40.10	1.01	0.3	0.7	104.20	2.64	0.8	1.6	
4	945	0.025	7.59	22.8	34.00	0.86	0.3	1.0	84.70	2.14	0.7	2.3	
5	950	0.025	7.59	30.4	31.70	0.80	0.2	1.2	84.70	2.14	0.6	3.0	
6	955	0.025	7.59	38.0	33.20	0.84	0.2	1.5	77.20	1.95	0.6	3.6	
7	1000	0.025	7.59	45.5	70.40	1.78	0.4	1.9	88.70	2.24	0.6	4.2	
8	1005	0.020	6.80	52.3	55.00	1.52	0.5	2.4	67.70	1.35	0.5	4.7	
9	1010	0.020	6.00	58.3	39.90	0.80	0.3	2.7	70.70	1.41	0.4	5.2	
10	1015	0.020	6.00	64.3	48.50	0.97	0.3	2.9	82.20	1.64	0.5	5.6	
11	1020	0.020	6.00	70.3	29.00	0.58	0.2	3.2	94.20	1.88	0.5	6.1	
12	1025	0.020	6.00	76.3	23.50	0.47	0.2	3.3	83.20	1.66	0.5	6.7	
13	1030	0.015	5.20	81.5	30.80	0.45	0.1	3.5	90.20	1.33	0.4	7.1	
14	1035	0.015	4.41	86.0	40.00	0.59	0.2	3.6	56.70	0.83	0.3	7.4	
15	1040	0.015	4.41	90.4	31.60	0.46	0.2	3.8	70.20	1.03	0.3	7.7	
16	1045	0.020	5.20	95.6	34.40	0.69	0.2	4.0	93.70	1.87	0.4	8.2	
17	1050	0.025	6.80	102.4	39.00	0.99	0.3	4.2	175.70	4.45	0.9	9.1	
18	1055	0.025	7.59	110.0	35.70	0.93	0.3	4.5	109.20	2.76	1.1	10.2	
19	1100	0.025	7.59	117.5	29.30	0.74	0.3	4.7	106.70	2.70	0.8	11.0	
20	1105	0.031	8.37	125.9	24.30	0.74	0.2	5.0	122.20	3.73	1.0	12.0	
21	1110	0.031	9.15	135.1	31.70	0.97	0.3	5.2	151.20	4.61	1.3	13.2	
22	1115	0.025	8.37	143.4	24.90	0.63	0.2	5.5	120.20	3.04	1.1	14.4	
23	1120	0.025	7.59	151.0	29.20	0.74	0.2	5.7	111.20	2.81	0.9	15.2	
24	1125	0.020	6.80	157.8	25.20	0.50	0.2	5.9	127.20	2.54	0.8	16.1	
25	1130	0.020	6.00	163.8	27.40	0.55	0.2	6.0	87.20	1.74	0.6	16.7	
26	1135	0.020	6.00	169.8	31.30	0.63	0.2	6.2	91.20	1.82	0.5	17.2	
27	1140	0.015	5.20	175.0	34.00	0.50	0.2	6.4	93.20	1.37	0.5	17.7	
28	1145	0.009	3.52	178.6	29.10	0.27	0.1	6.5	71.70	0.67	0.3	18.0	
29	1150	0.009	2.82	181.5	23.10	0.22	0.1	6.5	66.20	0.62	0.2	18.2	
30	1155	0.009	2.82	184.3	23.90	0.22	0.1	6.6	65.20	0.59	0.2	18.4	
31	1200	0.009	2.82	187.1	24.50	0.23	0.1	6.7	64.20	0.60	0.2	18.6	
32	1205	0.009	2.82	189.9	20.90	0.20	0.1	6.7	47.70	0.45	0.2	18.7	
33	1210	0.009	2.82	192.7	27.20	0.26	0.1	6.8	58.20	0.55	0.1	18.9	
34	1215	0.004	2.04	194.8	28.40	0.12	0.1	6.9	27.70	0.12	0.1	19.0	
35	1220	0.004	1.26	196.0	47.00	0.20	0.0	6.9	44.70	0.19	0.0	19.0	
36	1225	0.004	1.26	197.3	19.30	0.08	0.0	7.0	34.70	0.15	0.1	19.1	
37	1230	0.004	1.26	198.6	30.10	0.13	0.0	7.0	33.70	0.14	0.0	19.1	
38	1235	0.004	1.26	199.8	34.00	0.14	0.0	7.0	35.70	0.15	0.0	19.2	
39	1240	0.004	1.26	201.1	25.90	0.11	0.0	7.1	35.70	0.15	0.0	19.2	
40	1245	0.004	1.26	202.3	30.30	0.13	0.0	7.1	34.20	0.14	0.0	19.3	
41	1250	0.004	1.26	203.6	40.70	0.17	0.0	7.1	43.20	0.18	0.0	19.3	
42	1255	0.004	1.26	204.9	38.60	0.16	0.0	7.2	45.20	0.19	0.1	19.4	
43	1300	0.004	1.26	206.1	52.40	0.22	0.1	7.3	69.20	0.29	0.1	19.4	
44	1305	0.004	1.26	207.4	46.20	0.19	0.1	7.3	47.20	0.20	0.1	19.5	
45	1310	0.004	1.26	208.6	52.70	0.22	0.1	7.4	56.20	0.24	0.1	19.6	
46	1315	0.001	0.80	209.4	59.40	0.07	0.0	7.4	49.70	0.05	0.0	19.6	
47	1320	0.001	0.33	209.8	66.70	0.07	0.0	7.4	50.70	0.06	0.0	19.6	
48	1325	0.001	0.33	210.1	53.20	0.06	0.0	7.5	54.20	0.06	0.0	19.6	

NO.	TIME	COD							VSS			
		FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	930	0.025	0.	0.	5.10	0.13	0.	0.	79.70	2.02	0.	0.
2	935	0.025	7.59	7.6	4.90	0.12	0.0	0.0				
3	940	0.025	7.59	15.2	4.70	0.12	0.0	0.1	76.70	1.94	1.2	1.2
4	945	0.025	7.59	22.8	5.00	0.13	0.0	0.1				
5	950	0.025	7.59	30.4	4.90	0.12	0.0	0.1	45.70	1.16	0.9	2.1
6	955	0.025	7.59	38.0	4.00	0.10	0.0	0.2				
7	1000	0.025	7.59	45.5	5.80	0.15	0.0	0.2	53.70	1.36	0.8	2.9
8	1005	0.020	5.80	52.3	5.20	0.10	0.0	0.3				
9	1010	0.020	6.00	58.3	4.50	0.09	0.0	0.3	40.20	0.80	0.6	3.5
10	1015	0.020	6.00	64.3	4.10	0.08	0.0	0.3				
11	1020	0.020	6.00	70.3	4.40	0.09	0.0	0.3	58.20	1.16	0.6	4.1
12	1025	0.020	6.00	76.3	4.10	0.08	0.0	0.4				
13	1030	0.015	5.20	81.5	4.10	0.06	0.0	0.4	51.70	0.76	0.6	4.7
14	1035	0.015	4.41	86.0	4.80	0.07	0.0	0.4				
15	1040	0.015	4.41	90.4	4.40	0.06	0.0	0.4	46.70	0.69	0.4	5.1
16	1045	0.020	5.20	95.6	4.10	0.08	0.0	0.4				
17	1050	0.025	6.80	102.4	4.40	0.11	0.0	0.5	107.20	2.71	1.0	6.1
18	1055	0.025	7.59	110.0	5.40	0.14	0.0	0.5				
19	1100	0.025	7.59	117.5	5.40	0.14	0.0	0.6	54.70	1.38	1.2	7.4
20	1105	0.031	8.37	125.9	5.20	0.15	0.0	0.6				
21	1110	0.031	9.15	135.1	5.80	0.18	0.1	0.6	116.70	3.56	1.5	8.9
22	1115	0.025	8.37	143.4	4.50	0.12	0.0	0.7				
23	1120	0.025	7.59	151.0	4.70	0.12	0.0	0.7	76.20	1.93	1.6	10.5
24	1125	0.020	6.80	157.8	4.40	0.09	0.0	0.8				
25	1130	0.020	6.00	163.8	3.80	0.08	0.0	0.8	62.20	1.24	1.0	11.4
26	1135	0.020	6.00	169.8	3.50	0.07	0.0	0.8				
27	1140	0.015	5.20	175.0	4.10	0.06	0.0	0.8	60.20	0.88	0.6	12.1
28	1145	0.009	3.62	178.6	3.50	0.03	0.0	0.8				
29	1150	0.009	2.82	181.5	3.30	0.03	0.0	0.8	45.70	0.43	0.4	12.5
30	1155	0.009	2.82	184.3	3.30	0.03	0.0	0.9				
31	1200	0.009	2.82	187.1	3.20	0.03	0.0	0.9	49.70	0.47	0.3	12.8
32	1205	0.009	2.82	189.9	3.40	0.03	0.0	0.9				
33	1210	0.009	2.82	192.7	3.30	0.03	0.0	0.9	39.20	0.37	0.3	13.0
34	1215	0.004	2.04	194.8	3.20	0.01	0.0	0.9				
35	1220	0.004	1.26	196.0	3.50	0.02	0.0	0.9	37.70	0.16	0.2	13.2
36	1225	0.004	1.26	197.3	3.16	0.01	0.0	0.9				
37	1230	0.004	1.26	198.6	3.26	0.01	0.0	0.9	41.20	0.17	0.1	13.3
38	1235	0.004	1.26	199.8	3.36	0.01	0.0	0.9				
39	1240	0.004	1.26	201.1	3.16	0.01	0.0	0.9	28.20	0.12	0.1	13.3
40	1245	0.004	1.26	202.3	3.56	0.01	0.0	0.9				
41	1250	0.004	1.26	203.6	3.56	0.01	0.0	0.9	29.20	0.12	0.1	13.4
42	1255	0.004	1.26	204.9	3.46	0.01	0.0	0.9				
43	1300	0.004	1.26	206.1	4.46	0.02	0.0	0.9	39.20	0.16	0.1	13.5
44	1305	0.004	1.26	207.4	4.46	0.02	0.0	0.9				
45	1310	0.004	1.26	208.6	4.46	0.02	0.0	0.9	36.20	0.15	0.1	13.6
46	1315	0.001	0.80	209.4	4.56	0.01	0.0	0.9				
47	1320	0.001	0.33	209.8	4.56	0.01	0.0	0.9	36.70	0.04	0.1	15.7
48	1325	0.001	0.33	210.1	0.	0.	0.0	0.9				

MIDORIYACHI (YAMAGATA CITY) S.49.11.22 WWF

NO.	TIME	T-P				TKN						
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)
1	930	0.025	0.	0. I	0.07	0.00	0.	0. I	0.	0.	0.	0.
2	935	0.025	7.59	7.6								
3	940	0.025	7.59	15.2 I	0.08	0.00	1.1	1.1 I	0.	0.	0.	0.
4	945	0.025	7.59	22.8								
5	950	0.025	7.59	30.4 I	0.14	0.00	1.7	2.8 I	0.20	0.01	1.5	1.5
6	955	0.025	7.59	38.0								
7	1000	0.025	7.59	45.5 I	0.17	0.00	2.4	5.2 I	0.20	0.01	3.0	4.6
8	1005	0.020	6.80	52.3								
9	1010	0.020	6.00	58.3 I	0.19	0.00	2.4	7.6 I	0.20	0.00	2.7	7.3
10	1015	0.020	6.00	64.3								
11	1020	0.020	6.00	70.3 I	0.27	0.01	2.8	10.4 I	0.	0.	1.2	8.5
12	1025	0.020	6.00	76.3								
13	1030	0.015	5.20	81.5 I	0.50	0.01	3.8	14.2 I	0.30	0.00	1.3	9.8
14	1035	0.015	4.41	86.0								
15	1040	0.015	4.41	90.4 I	0.57	0.01	4.7	18.9 I	0.20	0.00	2.2	12.0
16	1045	0.020	5.20	95.6								
17	1050	0.025	6.80	102.4 I	0.27	0.01	4.6	23.5 I	0.	0.	0.9	12.9
18	1055	0.025	7.59	110.0								
19	1100	0.025	7.59	117.5 I	0.23	0.01	3.8	27.3 I	0.	0.	0.	12.9
20	1105	0.031	8.37	125.9								
21	1110	0.031	9.15	135.1 I	0.08	0.00	2.5	29.7 I	0.	0.	0.	12.9
22	1115	0.025	8.37	143.4								
23	1120	0.025	7.59	151.0 I	0.17	0.00	2.0	31.8 I	0.20	0.01	1.5	14.4
24	1125	0.020	6.80	157.8								
25	1130	0.020	6.00	163.8 I	0.20	0.00	2.5	34.2 I	0.	0.	1.5	15.9
26	1135	0.020	6.00	169.8								
27	1140	0.015	5.20	175.0 I	0.14	0.00	1.8	36.1 I	0.	0.	0.	15.9
28	1145	0.009	3.62	178.6								
29	1150	0.009	2.82	181.5 I	0.16	0.00	1.1	37.1 I	0.	0.	0.	15.9
30	1155	0.009	2.82	184.3								
31	1200	0.009	2.82	187.1 I	0.17	0.00	0.9	38.1 I	0.	0.	0.	15.9
32	1205	0.009	2.82	189.9								
33	1210	0.009	2.82	192.7 I	0.12	0.00	0.8	38.9 I	0.	0.	0.	15.9
34	1215	0.004	2.04	194.8								
35	1220	0.004	1.26	196.0 I	0.16	0.00	0.5	39.4 I	0.	0.	0.	15.9
36	1225	0.004	1.26	197.3								
37	1230	0.004	1.26	198.6 I	0.14	0.00	0.4	39.8 I	0.	0.	0.	15.9
38	1235	0.004	1.26	199.8								
39	1240	0.004	1.26	201.1 I	0.07	0.00	0.3	40.1 I	0.20	0.00	0.3	16.2
40	1245	0.004	1.26	202.3								
41	1250	0.004	1.26	203.6 I	0.07	0.00	0.2	40.2 I	0.20	0.00	0.5	16.7
42	1255	0.004	1.26	204.9								
43	1300	0.004	1.26	206.1 I	0.06	0.00	0.2	40.4 I	0.	0.	0.3	16.9
44	1305	0.004	1.26	207.4								
45	1310	0.004	1.26	208.6 I	0.13	0.00	0.2	40.6 I	0.	0.	0.	16.9
46	1315	0.001	0.80	209.4								
47	1320	0.001	0.33	209.8 I	0.08	0.00	0.2	40.8 I	0.	0.	0.	16.9
48	1325	0.001	0.33	210.1								

NO.	TIME	FLOW (M3/S)	T+FLOW (M3)	SIG(FLOW) (M3)	N-HEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	930	0.025	0.	0.	15.90	9200.	0.40	0.02	0.00	-10.00	0.03	0.11
2	935	0.025	7.59	7.6			0.67	0.03	0.00	-10.00	0.03	0.10
3	940	0.025	7.59	15.2	10.30	1400.	0.60	0.03	0.00	-10.00	0.02	0.08
4	945	0.025	7.59	22.8			0.58	0.03	0.00	-10.00	0.01	0.08
5	950	0.025	7.59	30.4	14.40	1000.	0.60	0.03	0.00	-10.00	0.01	0.11
6	955	0.025	7.59	38.0			0.67	0.03	0.00	-10.00	0.03	0.10
7	1000	0.025	7.59	45.5	11.30	2700.	0.74	0.03	0.01	-10.00	0.03	0.05
8	1005	0.020	6.80	52.3			0.64	0.03	0.00	-10.00	0.01	0.08
9	1010	0.020	6.00	58.3	9.70	220.	0.61	0.03	0.01	-10.00	0.04	0.07
10	1015	0.020	6.00	64.3			0.65	0.03	0.00	-10.00	0.02	0.08
11	1020	0.020	6.00	70.3	4.10	820.	0.67	0.03	0.00	-10.00	0.01	0.07
12	1025	0.020	6.00	76.3			0.54	0.02	0.01	-10.00	0.01	0.10
13	1030	0.015	5.20	81.5	4.50	1700.	0.69	0.03	0.00	-10.00	0.02	0.08
14	1035	0.015	4.41	86.0			0.68	0.03	0.00	-10.00	0.02	0.08
15	1040	0.015	4.41	90.4	4.30	1000.	0.68	0.03	0.00	-10.00	0.01	0.08
16	1045	0.020	5.20	95.6			0.78	0.03	0.00	-10.00	0.01	0.08
17	1050	0.025	6.80	102.4	5.30	7500.	0.82	0.03	0.00	-10.00	0.00	0.08
18	1055	0.025	7.59	110.0			0.88	0.03	0.00	-10.00	0.03	0.08
19	1100	0.025	7.59	117.5	10.40	2200.	0.95	0.03	0.00	-10.00	0.01	0.11
20	1105	0.031	8.37	125.9			0.88	0.03	0.01	-10.00	0.02	0.13
21	1110	0.031	9.15	135.1	6.40	2300.	0.90	0.04	0.00	-10.00	0.04	0.15
22	1115	0.025	8.37	143.4			0.85	0.04	0.00	-10.00	0.01	0.10
23	1120	0.025	7.59	151.0	6.30	2100.	0.79	0.03	0.01	-10.00	0.03	0.11
24	1125	0.020	6.80	157.8			0.	0.	0.	0.	0.	0.
25	1130	0.020	6.00	163.8	5.70	1500.	0.66	0.03	0.00	-10.00	0.01	0.10
26	1135	0.020	6.00	169.8			0.63	0.03	0.00	-10.00	0.00	0.08
27	1140	0.015	5.20	175.0	7.30	860.	0.65	0.03	0.00	-10.00	0.00	0.10
28	1145	0.009	3.62	178.6			0.64	0.03	0.00	-10.00	0.00	0.07
29	1150	0.009	2.82	181.5	9.90	1000.	0.69	0.03	0.00	-10.00	0.00	0.08
30	1155	0.009	2.82	184.3			0.68	0.03	0.00	-10.00	0.00	0.08
31	1200	0.009	2.82	187.1	8.40	1700.	0.68	0.03	0.00	-10.00	0.03	0.07
32	1205	0.009	2.82	189.9			0.68	0.03	0.00	-10.00	0.02	0.07
33	1210	0.009	2.82	192.7	9.50	1400.	0.66	0.03	0.	-10.00	0.02	0.07
34	1215	0.004	2.04	194.8			0.61	0.02	0.00	-10.00	0.01	0.07
35	1220	0.004	1.26	196.0	7.00	2500.	0.66	0.03	0.00	-10.00	0.02	0.08
36	1225	0.004	1.26	197.3			0.68	0.02	0.00	-10.00	0.03	0.07
37	1230	0.004	1.26	198.6	8.90	1200.	0.68	0.02	0.00	-10.00	0.02	0.07
38	1235	0.004	1.26	199.8			0.72	0.02	0.00	-10.00	0.01	0.07
39	1240	0.004	1.26	201.1	5.90	1400.	0.75	0.02	0.00	-10.00	0.01	0.07
40	1245	0.004	1.26	202.3			0.72	0.04	0.00	-10.00	0.01	0.07
41	1250	0.004	1.26	203.6	8.40	3500.	0.75	0.02	0.00	-10.00	0.03	0.08
42	1255	0.004	1.26	204.9			0.80	0.02	0.00	-10.00	0.02	0.08
43	1300	0.004	1.26	206.1	11.10	4900.	0.79	0.03	0.00	-10.00	0.03	0.08
44	1305	0.004	1.26	207.4			0.65	0.02	0.00	-10.00	0.03	0.08
45	1310	0.004	1.26	208.6	10.70	2100.	0.69	0.03	0.01	-10.00	0.03	0.07
46	1315	0.001	0.80	209.4			0.69	0.03	0.00	-10.00	0.03	0.07
47	1320	0.001	0.33	209.8	11.80	3400.	0.68	0.02	0.00	-10.00	0.02	0.08
48	1325	0.001	0.33	210.1			0.50	0.02	0.00	-10.00	0.01	0.08

MIDORIYACHI (YAMAGATA CITY) S.49.12.14 WWF

NO.	TIME	BOD												SS		
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1040	0.020	0.	0. I	31.30	0.63	0.	0. I	229.00	4.58	0.	0.				
2	1045	0.020	6.00	6.0 I	33.70	0.67	0.2	0.2 I	217.00	4.34	1.3	1.3				
3	1050	0.020	6.00	12.0 I	37.50	0.75	0.2	0.4 I	230.00	4.60	1.3	2.7				
4	1055	0.020	6.00	18.0 I	41.10	0.82	0.2	0.6 I	244.00	4.88	1.4	4.1				
5	1100	0.020	6.00	24.0 I	53.30	1.07	0.3	0.9 I	279.00	5.58	1.6	5.7				
6	1105	0.025	6.80	30.8 I	59.80	1.51	0.4	1.3 I	235.00	5.89	1.7	7.4				
7	1110	0.025	7.59	38.4 I	50.70	1.54	0.5	1.8 I	257.00	6.50	1.9	9.3				
8	1115	0.025	7.59	46.0 I	43.40	1.10	0.4	2.2 I	275.00	6.91	2.0	11.3				
9	1120	0.025	7.59	53.6 I	35.50	0.92	0.3	2.5 I	222.00	5.62	1.9	13.1				
10	1125	0.025	7.59	61.2 I	39.30	0.99	0.3	2.8 I	229.00	5.79	1.7	14.9				
11	1130	0.025	7.59	68.7 I	28.30	0.72	0.3	3.0 I	240.00	6.07	1.8	16.6				
12	1135	0.025	7.59	76.3 I	25.00	0.63	0.2	3.2 I	235.00	5.95	1.8	18.4				
13	1140	0.020	6.80	83.1 I	25.10	0.52	0.2	3.4 I	242.00	4.84	1.6	20.1				
14	1145	0.020	6.00	89.1 I	40.50	0.81	0.2	3.6 I	260.00	5.20	1.5	21.6				
15	1150	0.020	6.00	95.1 I	33.40	0.67	0.2	3.8 I	272.00	5.44	1.6	23.2				
16	1155	0.020	6.00	101.1 I	39.60	0.79	0.2	4.0 I	275.00	5.46	1.6	24.8				
17	1200	0.020	6.00	107.1 I	38.30	0.77	0.2	4.3 I	269.00	5.38	1.6	26.4				
18	1205	0.020	6.00	113.1 I	43.40	0.87	0.2	4.5 I	246.00	4.92	1.5	28.0				

NO.	TIME	COD												VSS			
		FLOW (M ³ /S)	T*FLOW (M ³)	SIG(FLOW) (M ³)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)					
1	1040	0.020	0.	0. I	9.70	0.19	0.	0. I	20.70	0.41	0.	0.					
2	1045	0.020	6.00	6.0 I	9.30	0.19	0.1	0.1 I									
3	1050	0.020	6.00	12.0 I	9.30	0.19	0.1	0.1 I	13.40	0.27	0.2	0.2					
4	1055	0.020	6.00	18.0 I	9.30	0.19	0.1	0.2 I									
5	1100	0.020	6.00	24.0 I	9.30	0.17	0.1	0.2 I	11.90	0.24	0.2	0.4					
6	1105	0.025	6.80	30.8 I	9.40	0.24	0.1	0.3 I									
7	1110	0.025	7.59	38.4 I	9.50	0.24	0.1	0.4 I	20.00	0.51	0.2	0.6					
8	1115	0.025	7.59	46.0 I	9.10	0.23	0.1	0.4 I									
9	1120	0.025	7.59	53.6 I	9.10	0.20	0.1	0.5 I	17.60	0.45	0.3	0.9					
10	1125	0.025	7.59	61.2 I	7.40	0.19	0.1	0.6 I									
11	1130	0.025	7.59	68.7 I	8.60	0.22	0.1	0.6 I	18.50	0.47	0.5	1.1					
12	1135	0.025	7.59	76.3 I	8.30	0.21	0.1	0.7 I									
13	1140	0.020	6.80	83.1 I	8.00	0.16	0.1	0.7 I	20.70	0.41	0.3	1.4					
14	1145	0.020	6.00	89.1 I	8.10	0.16	0.0	0.8 I									
15	1150	0.020	6.00	95.1 I	8.40	0.17	0.0	0.8 I	17.70	0.35	0.2	1.6					
16	1155	0.020	6.00	101.1 I	9.30	0.19	0.1	0.9 I									
17	1200	0.020	6.00	107.1 I	9.00	0.18	0.1	0.9 I	17.90	0.36	0.2	1.8					
18	1205	0.020	6.00	113.1 I	9.10	0.18	0.1	1.0 I									

MIDORIMACHI (YAMAGATA CITY) S.49.12.14 WWF

NO.	TIME	T-P								TKN			
		FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (M3/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (G)	SIG(LOAD) (G)	
1	1040	0.020	0.	0. I	0.29	0.01	0.	0. I	0.30	0.01	0.	0.	
2	1045	0.020	6.00	6.0									
3	1050	0.020	6.00	12.0 I	0.12	0.00	2.5	2.5 I	0.20	0.00	3.0	3.0	
4	1055	0.020	6.00	18.0									
5	1100	0.020	6.00	24.0 I	0.13	0.00	1.8	4.3 I	0.20	0.00	2.4	5.4	
6	1105	0.025	6.80	30.8									
7	1110	0.025	7.59	38.4 I	0.16	0.00	2.3	6.6 I	0.20	0.01	2.7	8.1	
8	1115	0.025	7.59	46.0									
9	1120	0.025	7.59	53.6 I	0.17	0.00	2.5	9.1 I	0.	0.	1.5	9.6	
10	1125	0.025	7.59	61.2									
11	1130	0.025	7.59	68.7 I	0.16	0.00	2.5	11.6 I	0.	0.	0.	9.6	
12	1135	0.025	7.59	76.3									
13	1140	0.020	6.30	83.1 I	0.22	0.00	2.5	14.1 I	0.	0.	0.	9.6	
14	1145	0.020	6.00	89.1									
15	1150	0.020	6.00	95.1 I	0.09	0.00	1.9	16.0 I	0.	0.	0.	9.6	
16	1155	0.020	6.00	101.1									
17	1200	0.020	6.00	107.1 I	0.24	0.00	2.0	17.9 I	0.20	0.00	1.2	10.8	
18	1205	0.020	6.00	113.1									

MIDORIMACHI (YAMAGATA CITY) S.49.12.14 WWF

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	N-MEX. (MG/L)	F-COLI. (N/ML)	ZN (MG/L)	CU (MG/L)	CD (MG/L)	CR (MG/L)	NI (MG/L)	PB (MG/L)
1	1040	0.020	0.	0.	19.80	370.	0.	0.	0.	0.	0.	0.
2	1045	0.020	6.00	6.0			0.	0.	0.	0.	0.	0.
3	1050	0.020	6.00	12.0	20.30	300.	0.	0.	0.	0.	0.	0.
4	1055	0.020	6.00	18.0			0.	0.	0.	0.	0.	0.
5	1100	0.020	6.00	24.0	15.20	810.	0.	0.	0.	0.	0.	0.
6	1105	0.025	6.80	30.8			0.	0.	0.	0.	0.	0.
7	1110	0.025	7.59	38.4	23.70	610.	0.	0.	0.	0.	0.	0.
8	1115	0.025	7.59	46.0			0.	0.	0.	0.	0.	0.
9	1120	0.025	7.59	53.6	20.10	300.	0.	0.	0.	0.	0.	0.
10	1125	0.025	7.59	61.2			0.	0.	0.	0.	0.	0.
11	1130	0.025	7.59	68.7	18.70	290.	0.	0.	0.	0.	0.	0.
12	1135	0.025	7.59	76.3			0.	0.	0.	0.	0.	0.
13	1140	0.020	6.80	83.1	16.10	210.	0.	0.	0.	0.	0.	0.
14	1145	0.020	6.00	89.1			0.	0.	0.	0.	0.	0.
15	1150	0.020	6.00	95.1	17.10	580.	0.	0.	0.	0.	0.	0.
16	1155	0.020	6.00	101.1			0.	0.	0.	0.	0.	0.
17	1200	0.020	6.00	107.1	22.60	380.	0.	0.	0.	0.	0.	0.
18	1205	0.020	6.00	113.1			0.	0.	0.	0.	0.	0.

4. 清水川排水区(岐阜市)

4.1 区域の概要

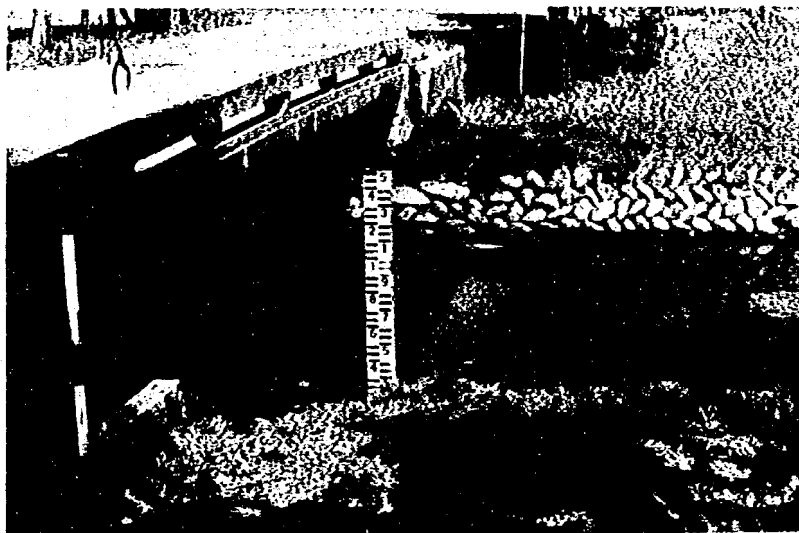
観測河川清水川は岐阜市の中心業務地を南北に貫流し昔は用悪水路でありましたが近年は市街化のため都市排水のみとなっています。其のため年と共に排水路の汚染が騒がしくなり、近時其の殆んどに覆蓋工が施工され、其の清掃に努めていますから割合に清浄であります。

排水路の水源として雨水は必然的なもので晴天時には中心業務地及び繁華街の使用する冷暖防水及び排水路の洗滌用水としての噴水の水と一部の家庭汚水（例えば自家用車の洗車水等を含むもの）で下水道の普及率はこの地域で71.4%で晴天時平均汚水量は $0.24 \text{ m}^3/\text{sec}$ である。

観測地点迄の延長2,780m排水面積は106.4ヘクタールで地域特性上からみて家屋道路等占有率は80%をしめている。

観測地点附近は河畔公園敷で川巾6.6m、勾配1/1000で100m以上の直線部を有し観測点での横流入のないのとバックウォーターもかからない調査地選定上の要件を満足出来るものである。

又定常雨量観測地の徹明小学校は観測点より1,325m上流で排水区の中心的位置にある。



4.2 土地利用状況

工種別土地利用状況及び人口は、次表のとおりである。

調査月日 昭和42年11月30日

排水 区 称	総 面 積	工 種 別 面 積				総 人 口	人 口 密 度	平均勾配		総 戸 数	水 洗 化 戸 数	水 洗 化 人 口	備 考
		a	b	c	d			地 盤	水 路				
	ha A	ha A ₁	ha A ₂	ha A ₃	ha A ₂	人 P	人/ha P/A	%	%	戸	戸	人	
清水川排水区	1064	78.0	7.0	14.0	7.4	24,568	231	1	1.7	6,462	4,943	19,831	

工種面積区分は、次のとおりとする。

- (a) 建物（屋根）
- (b) 簡易舗装，高級舗装道路，駐車場等
- (c) 未舗装道，間地，鉄道構内，運動場等
- (d) 公園，芝生，庭園，畑土等

4.3 調査箇所

調査の都度竹浮子によって表面流速 V_{surf} を求め、これに更正係数0.85を乗じて平均流速 V_m とした。

すなわち

$$V_m = 0.85 \cdot V_{surf}$$

である。次に、水位(H)～流積(A)曲線より、流積Aを求め

$$Q = V_m \cdot A$$

として流量を算出した。ちなみに、1回の流速測定時における浮子数は3ヶであった。

4.4 降雨・流量データ

S 42. 7. 6

[illegible]

S 42. 7. 12

時	分	ΔR (mm/10分)	時	分	WWF (m/s)	時	分	ΔR (mm/10分)	時	分	WWF (m/s)
12	40	0	12	00	0				15	01	0037
	50	05		20	0019					04	0033
13	00	0		40	0					07	0028
	10	05		50	0					10	0037
	20	0		53	0					13	0047
	30	0		56	0					16	0042
	40	0		59	0010					19	0019
	50	0	13	02	0014					22	0023
14	00	0		05	0014					25	0047
	10	0		08	0019					28	0071
	20	0		11	0023					31	0095
	30	0		14	0037					34	0120
	40	0		17	0047					37	0131
	50	05		20	0047					40	0115
15	00	0.5		23	0071					43	0125
	10	0		26	0100					46	0151
	20	0.5		29	0120					49	0151
	30	0		32	0126					52	0161
	40	0		35	0146					55	0161
	50	0		38	0151					58	0166
16	00	0		41	0172				16	01	0166
	10	0		44	0225					04	0166
	20	0		47	0252					07	0156
	30	0		50	0225					10	0151
	40	0		53	0225					13	0146
	50	0		56	0219					16	0131
17	00	0		59	0198					19	0110
	10	0	14	02	0214					22	0105
	20	0		05	0203					25	0105
	30	0.5		08	0198					28	0095
	40	0		11	0187					31	0091
	50	0		14	0182					34	0086
				17	0161					37	0081
				22	0146					40	0081
				27	0120					43	0076
				32	0120					46	0076
				37	0076					49	0071
				42	0066					52	0061
				47	0066					55	0047
				52	0041					58	0037
				55	0042						
				58	0042						

S 42. 7. 12

時	分	ΔR (mm/10分)	時	分	WWF (m/s)	時	分	ΔR (mm/10分)	時	分	WWF (m/s)
18	40	0	17	50	0				20	49	0.970
	50	0.5	18	10	0					52	1.080
19	00	0.5		30	0.014					55	1.080
	10	0		50	0.014					58	1.043
	20	0.5		55	0				21	01	1.043
	30	0.5		58	0					04	1.043
	40	0.5	19	01	0					07	1.065
	50	1.0		04	0					10	1.080
20	00	0.5		07	0					13	1.043
	10	1.5		10	0					16	1.043
	20	2.0		13	0					19	1.080
	30	1.0		16	0					22	0.927
	40	0.5		19	0					25	0.899
	50	1.5		22	0.018					28	0.864
21	00	0.5		25	0.018					31	0.822
	10	0		28	0.023					34	0.754
	20	0		31	0.032					37	0.643
	30	0		34	0.041					40	0.573
	40	0		37	0.041					43	0.505
	50	0.5		40	0.046					46	0.451
22	00	0.5		43	0.046					51	0.439
	10	0		46	0.070					56	0.347
	20	0		49	0.084				22	01	0.159
	30	0		52	0.094						
	40	0.5		55	0.094						
	50	0		58	0.099						
23	00	0	20	01	0.119						
				04	0.124						
				07	0.179						
				10	0.205						
				13	0.248						
				16	0.249						
				19	0.275						
				22	0.275						
				25	0.330						
				28	0.389						
				31	0.567						
				34	0.662						
				37	0.748						
				40	0.829						
				43	0.899						
				46	0.970						

S 42. 7. 19

時	分	ΔR (mm/10分)	時	分	WWF (m/s)	時	分	ΔR (mm/10分)	時	分	WWF (m/s)
9	05	0	9	09	0				11	39	0417
	15	785		12	0079					44	0364
	25	1000		15	0.155						
	35	490		18	0.194						
	45	245		21	0237						
	55	030		24	0460						
10	05	215		27	1261						
	15	205		30	1529						
	25	0.10		33	2035						
	35	0		36	2501						
	45	0		39	2991						
				42	3.197						
				45	3294						
				48	3419						
				51	3339						
				54	3339						
				57	3.163						
			10	00	3.119						
				03	3.119						
				06	3.119						
				09	3068						
				12	3042						
				15	3033						
				18	2741						
				21	2701						
				24	2541						
				27	2439						
				30	2271						
				33	2086						
				36	1908						
				39	1873						
				44	1669						
				49	1382						
				54	1382						
				59	1249						
			11	04	0775						
				09	0775						
				14	0663						
				19	0649						
				24	0570						
				29	0490						
				34	0447						

S 42.7.19

[illegible]

S 42. 8. 22

時	分	ΔR (mm/10分)	時	分	WWF (m/s)	時	分	ΔR (mm/10分)	時	分	WWF (m/s)
20	30	0	20	00	0.051				22	51	3.147
	40	0		20	0.027					54	3.192
	50	0.05		40	0.012				23	00	3.378
21	00	0.75		54	0.004					03	3.406
	10	0.20		57	0					06	3.340
	20	0.45	21	00	0					09	3.065
	30	0.65		03	0.004					12	2.092
	40	0.85		06	0.008					15	2.217
	50	1.10		09	0.015					18	2.225
22	00	1.20		12	0.019					21	2.249
	10	2.20		15	0.023					24	2.273
	20	4.00		18	0.027					27	1.984
	30	4.80		21	0.039					30	1.901
	40	1.55		24	0.059					33	1.746
	50	1.80		27	0.076					36	1.546
23	00	0.20		30	0.092					39	1.336
	10	0.05		33	0.100					42	1.290
	20	1.60		36	0.113					45	1.238
	30	1.00		39	0.142					48	1.098
	40	0		42	0.134					51	0.993
	50	0.05		45	0.155					54	0.993
0	00	0.80		48	0.186					57	0.846
	10	0.35		51	0.208				0	00	0.788
	20	0.05		54	0.226					03	0.788
	30	0.03		57	0.252					06	0.699
	40	0.02	22	00	0.284					09	0.738
	50	0		03	0.364					12	0.618
				06	0.471					15	0.550
				09	0.554					18	0.503
				12	0.623					21	0.513
				15	0.682					24	0.493
				18	0.817					27	0.468
				21	0.987					30	0.394
				24	1.161					33	0.345
				27	1.376					36	0.308
				30	1.652					39	0.284
				33	1.871					42	0.248
				36	2.427					45	0.199
				39	2.444					48	0.168
				42	2.791					51	0.134
				45	2.825					54	0.104
				48	3.083					57	0.076

S 42. 8. 22

時	分	ΔF (mm/10分)	時	分	WWF (m/s)	時	分	ΔR (mm/10分)	時	分	WWF (m/s)
16	00	0	15	00	0				21	40	0.073
	10	0.50		20	0					49	0.053
	20	0		40	0.002					58	0.046
	30	0		49	0.016				22	07	0.034
	40	0		58	0.020						
	50	0.50	16	07	0.020						
17	00	0		16	0.031						
	10	0		25	0.034						
	20	0		34	0.034						
	30	0.50		43	0.042						
	40	0		52	0.053						
	50	0	17	01	0.073						
18	00	0		10	0.093						
	10	0		19	0.130						
	20	0		28	0.109						
	30	0.50		37	0.117						
	40	0		46	0.147						
	50	0		56	-						
17	00	0	18	04	-						
	10	0.50		13	0.156						
	20	0		22	0.151						
	30	0		31	0.147						
	40	0.50		40	0.138						
	50	0		49	0.138						
				58	0.147						
			19	07	0.156						
				16	0.164						
				25	0.178						
				34	0.191						
				43	0.201						
				52	0.206						
			20	01	0.210						
				10	0.206						
				19	0.201						
				28	0.178						
				37	0.156						
				46	0.138						
				55	0.121						
			21	04	0.113						
				13	0.105						
				22	0.097						
				31	0.084						

SHIMIZUGAWA

GIFU

HARE

NO.1

420628

0

BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	900	0.214	0.0	0.0	I 6.20	1.33	0.0	0.0	I 22.00	4.71	0.0	0.0
2	1000	0.277	883.80	883.8	I 6.37	1.76	5.6	5.6	I 34.00	9.42	25.4	25.4
3	1100	0.419	1252.80	2136.6	I 6.96	2.92	8.4	14.0	I 30.00	12.57	39.6	65.0
4	1200	0.489	1634.40	3771.0	I 6.30	3.08	10.8	24.8	I 34.00	16.63	52.6	117.6
5	1300	0.432	1657.80	5428.8	I 3.81	1.65	8.5	33.3	I 15.00	6.48	41.6	159.1
6	1400	0.444	1576.80	7005.6	I 3.98	1.77	6.1	39.4	I 28.00	12.43	34.0	193.2
7	1500	0.442	1594.80	8600.4	I 5.20	2.30	7.3	46.8	I 15.00	6.63	34.3	227.5
8	1600	0.496	1688.40	10288.8	I 6.37	3.16	9.8	56.6	I 14.00	6.94	24.4	251.9
9	1700	0.537	1859.40	12148.2	I 6.35	3.41	11.8	68.4	I 22.00	11.81	33.8	285.7
10	1800	0.421	1724.40	13872.6	I 5.82	2.45	10.5	79.0	I 18.00	7.58	34.9	320.6
11	1900	0.426	1524.60	15397.2	I 5.90	2.51	8.9	87.9	I 34.00	14.48	39.7	360.3
12	2000	0.414	1512.00	16909.2	I 6.90	2.86	9.7	97.6	I 32.00	13.25	49.9	410.2
13	2100	0.370	1411.20	18320.4	I 7.24	2.68	10.0	107.5	I 14.00	5.18	33.2	443.4
14	2200	0.337	1272.60	19593.0	I 5.88	1.98	8.4	115.9	I 32.00	10.78	28.7	472.1
15	2300	0.322	1186.20	20779.2	I 8.65	2.79	8.6	124.5	I 16.00	5.15	28.7	500.8
16	2400	0.259	1045.80	21825.0	I 6.23	1.61	7.9	132.4	I 14.00	3.63	15.8	516.6
17	100	0.192	811.80	22636.8	I 4.06	0.78	4.3	136.7	I 40.00	7.68	20.4	537.0
18	200	0.169	649.80	23286.6	I 2.32	0.39	2.1	138.8	I 32.00	5.41	23.6	560.5
19	300	0.123	525.60	23812.2	I 2.58	0.32	1.3	140.1	I 22.00	2.71	14.6	575.1
20	400	0.098	397.80	24210.0	I 3.21	0.31	1.1	141.2	I 10.00	0.98	6.6	581.8
21	500	0.090	338.40	24548.4	I 2.16	0.19	0.9	142.1	I 20.00	1.80	5.0	586.8
22	600	0.100	342.00	24890.4	I 2.20	0.22	0.7	142.9	I 14.00	1.40	5.8	592.5
23	700	0.079	322.20	25212.6	I 2.78	0.22	0.8	143.7	I 16.00	1.26	4.8	597.3
24	800	0.089	302.40	25515.0	I 5.51	0.49	1.3	145.0	I 14.00	1.25	4.5	601.8

SHIMIZUGAWA

GIFU

HARE

NO.1

420628

0

COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	900	0.214	0.0	0.0 I	0.0	0.0	0.0	0.0 I	20.00	4.28	0.0	0.0
2	1000	0.277	883.80	883.8 I	0.0	0.0	0.0	0.0 I	30.00	8.31	22.7	22.7
3	1100	0.419	1252.80	2136.6 I	0.0	0.0	0.0	0.0 I	26.00	10.89	34.6	57.2
4	1200	0.489	1634.40	3771.0 I	0.0	0.0	0.0	0.0 I	30.00	14.67	46.0	103.2
5	1300	0.432	1657.80	5428.8 I	0.0	0.0	0.0	0.0 I	12.00	5.18	35.7	139.0
6	1400	0.444	1576.80	7005.6 I	0.0	0.0	0.0	0.0 I	24.00	10.66	28.5	167.5
7	1500	0.442	1594.80	8600.4 I	0.0	0.0	0.0	0.0 I	11.00	4.86	27.9	195.4
8	1600	0.496	1688.40	10288.8 I	0.0	0.0	0.0	0.0 I	12.00	5.95	19.5	214.9
9	1700	0.537	1859.40	12148.2 I	0.0	0.0	0.0	0.0 I	14.00	7.52	24.2	239.1
10	1800	0.421	1724.40	13872.6 I	0.0	0.0	0.0	0.0 I	14.00	5.89	24.1	263.3
11	1900	0.426	1524.60	15397.2 I	0.0	0.0	0.0	0.0 I	24.00	10.22	29.0	292.3
12	2000	0.414	1512.00	16909.2 I	0.0	0.0	0.0	0.0 I	22.00	9.11	34.8	327.1
13	2100	0.370	1411.20	18320.4 I	0.0	0.0	0.0	0.0 I	10.00	3.70	23.1	350.1
14	2200	0.337	1272.60	19593.0 I	0.0	0.0	0.0	0.0 I	22.00	7.41	20.0	370.1
15	2300	0.322	1186.20	20779.2 I	0.0	0.0	0.0	0.0 I	12.00	3.86	20.3	390.4
16	2400	0.259	1045.80	21825.0 I	0.0	0.0	0.0	0.0 I	10.00	2.59	11.6	402.1
17	100	0.192	811.80	22636.8 I	0.0	0.0	0.0	0.0 I	32.00	6.14	15.7	417.8
18	200	0.169	649.80	23286.6 I	0.0	0.0	0.0	0.0 I	28.00	4.73	19.6	437.4
19	300	0.123	525.60	23812.2 I	0.0	0.0	0.0	0.0 I	18.00	2.21	12.5	449.9
20	400	0.098	397.80	24210.0 I	0.0	0.0	0.0	0.0 I	8.00	0.78	5.4	455.3
21	500	0.090	338.40	24548.4 I	0.0	0.0	0.0	0.0 I	14.00	1.26	3.7	458.9
22	600	0.100	342.00	24890.4 I	0.0	0.0	0.0	0.0 I	8.00	0.80	3.7	462.6
23	700	0.079	322.20	25212.6 I	0.0	0.0	0.0	0.0 I	12.00	0.95	3.1	465.8
24	800	0.089	302.40	25515.0 I	0.0	0.0	0.0	0.0 I	8.00	0.71	3.0	468.8

SHIMIZUGAWA

GIFU

HARE

NO.2

421018

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	900	0.154	0.0	0.0	8.14	1.25	0.0	0.0	58.00	8.93	0.0	0.0
2	1000	0.165	574.20	574.2	9.64	1.59	5.1	5.1	88.00	14.52	42.2	42.2
3	1100	0.196	649.80	1224.0	9.50	1.86	6.2	11.3	72.00	14.11	51.5	93.8
4	1200	0.258	817.20	2041.2	11.50	2.97	8.7	20.0	62.00	16.00	54.2	147.9
5	1300	0.222	864.00	2905.2	11.98	2.66	10.1	30.2	54.00	11.99	50.4	198.3
6	1400	0.247	844.20	3749.4	9.81	2.42	9.1	39.3	46.00	11.36	42.0	240.3
7	1500	0.253	900.00	4649.4	8.47	2.14	8.2	47.5	46.00	11.64	41.4	281.7
8	1600	0.245	896.40	5545.8	7.40	1.81	7.1	54.6	52.00	12.74	43.9	325.6
9	1700	0.232	858.60	6404.4	13.22	3.07	8.8	63.4	56.00	12.99	46.3	371.9
10	1800	0.214	802.80	7207.2	22.68	4.85	14.3	77.7	46.00	9.84	41.1	413.0
11	1900	0.221	783.00	7990.2	15.70	3.47	15.0	92.7	40.00	8.84	33.6	446.7
12	2000	0.234	819.00	8809.2	15.00	3.51	12.6	105.2	44.00	10.30	34.4	481.1
13	2100	0.194	770.40	9579.6	7.18	1.39	8.8	114.1	94.00	18.24	51.4	532.5
14	2200	0.203	714.60	10294.2	6.70	1.36	5.0	119.0	88.00	17.86	65.0	597.5
15	2300	0.193	712.80	11007.0	5.84	1.13	4.5	123.5	80.00	15.44	59.9	657.4
16	2400	0.181	673.20	11680.2	5.65	1.02	3.9	127.4	84.00	15.20	55.2	712.6
17	100	0.146	588.60	12268.8	7.05	1.03	3.7	131.0	62.00	9.05	43.7	756.2
18	200	0.144	522.00	12790.8	9.82	1.41	4.4	135.4	60.00	8.64	31.8	788.1
19	300	0.116	468.00	13258.8	5.60	0.65	3.7	139.2	62.00	7.19	28.5	816.6
20	400	0.109	405.00	13663.8	5.95	0.65	2.3	141.5	60.00	6.54	24.7	841.3
21	500	0.101	378.00	14041.8	4.81	0.49	2.0	143.5	58.00	5.86	22.3	863.6
22	600	0.090	343.80	14385.6	4.60	0.41	1.6	145.2	48.00	4.32	18.3	881.9
23	700	0.100	342.00	14727.6	3.94	0.39	1.5	146.6	40.00	4.00	15.0	896.9
24	800	0.110	378.00	15105.6	4.12	0.45	1.5	148.1	38.00	4.18	14.7	911.6
0	0	0.0	3168.00	18273.6	0.0	0.0	13.1	161.2	0.0	0.0	120.4	1032.0

SHIMIZUGAWA

GIFU

HARE

NO.2

421018

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	900	0.154	0.0	0.0	0.0	0.0	0.0	0.0	32.00	4.93	0.0	0.0
2	1000	0.165	574.20	574.2	0.0	0.0	0.0	0.0	46.00	7.59	22.5	22.5
3	1100	0.196	649.80	1224.0	0.0	0.0	0.0	0.0	40.00	7.84	27.8	50.3
4	1200	0.258	817.20	2041.2	0.0	0.0	0.0	0.0	38.00	9.80	31.8	82.1
5	1300	0.222	864.00	2905.2	0.0	0.0	0.0	0.0	30.00	6.66	29.6	111.7
6	1400	0.247	844.20	3749.4	0.0	0.0	0.0	0.0	24.00	5.93	22.7	134.4
7	1500	0.253	900.00	4649.4	0.0	0.0	0.0	0.0	22.00	5.57	20.7	155.0
8	1600	0.245	896.40	5545.8	0.0	0.0	0.0	0.0	26.00	6.37	21.5	176.5
9	1700	0.232	858.60	6404.4	0.0	0.0	0.0	0.0	28.00	6.50	23.2	199.7
10	1800	0.214	802.80	7207.2	0.0	0.0	0.0	0.0	20.00	4.28	19.4	219.1
11	1900	0.221	783.00	7990.2	0.0	0.0	0.0	0.0	20.00	4.42	15.7	234.7
12	2000	0.234	819.00	8809.2	0.0	0.0	0.0	0.0	24.00	5.62	18.1	252.8
13	2100	0.194	770.40	9579.6	0.0	0.0	0.0	0.0	50.00	9.70	27.6	280.4
14	2200	0.203	714.60	10294.2	0.0	0.0	0.0	0.0	42.00	8.53	32.8	313.2
15	2300	0.193	712.80	11007.0	0.0	0.0	0.0	0.0	40.00	7.72	29.2	342.4
16	2400	0.181	673.20	11680.2	0.0	0.0	0.0	0.0	38.00	6.88	26.3	368.7
17	100	0.146	588.60	12268.8	0.0	0.0	0.0	0.0	32.00	4.67	20.8	389.5
18	200	0.144	522.00	12790.8	0.0	0.0	0.0	0.0	32.00	4.61	16.7	406.2
19	300	0.116	468.00	13258.8	0.0	0.0	0.0	0.0	34.00	3.94	15.4	421.6
20	400	0.109	405.00	13663.8	0.0	0.0	0.0	0.0	32.00	3.49	13.4	435.0
21	500	0.101	378.00	14041.8	0.0	0.0	0.0	0.0	34.00	3.43	12.5	447.4
22	600	0.090	343.80	14385.6	0.0	0.0	0.0	0.0	22.00	1.98	9.7	457.2
23	700	0.100	342.00	14727.6	0.0	0.0	0.0	0.0	18.00	1.80	6.8	464.0
24	800	0.110	378.00	15105.6	0.0	0.0	0.0	0.0	18.00	1.98	6.8	470.8
0	0	0.0	3168.00	18273.6	0.0	0.0	0.0	0.0	0.0	0.0	57.0	527.8

AME

NO.1

420706

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1630	0.547	0.0	0.0 I	3.89	2.13	0.0	0.0 I	24.00	13.13	0.0	0.0
2	1650	0.535	649.20	649.2 I	6.03	3.23	3.2	3.2 I	34.00	18.19	18.8	18.8
3	1710	0.527	637.20	1286.4 I	5.70	3.00	3.7	7.0 I	26.00	13.70	19.1	37.9
4	1725	0.556	487.35	1773.7 I	5.83	2.13	2.3	9.3 I	18.00	10.01	10.7	48.6
5	1728	0.503	95.31	1869.1 I	5.49	2.76	0.4	9.7 I	30.00	15.09	2.3	50.9
6	1731	0.511	91.26	1960.3 I	7.06	3.61	0.6	10.3 I	36.00	18.40	3.0	53.9
7	1734	0.527	93.42	2053.7 I	5.60	2.95	0.6	10.9 I	34.00	17.92	3.3	57.1
8	1737	0.521	94.32	2148.1 I	5.34	2.78	0.5	11.4 I	28.00	14.59	2.9	60.1
9	1740	0.529	94.50	2242.6 I	6.45	3.41	0.6	11.9 I	48.00	25.39	3.6	63.7
10	1743	0.516	94.05	2336.6 I	7.48	3.86	0.7	12.6 I	68.00	35.09	5.4	69.1
11	1746	0.557	96.57	2433.2 I	7.42	4.13	0.7	13.3 I	100.00	55.70	8.2	77.3
12	1749	0.618	105.75	2538.9 I	8.60	5.31	0.9	14.2 I	110.00	67.98	11.1	88.4
13	1752	0.604	109.98	2648.9 I	7.00	4.23	0.9	15.0 I	110.00	66.44	12.1	100.5
14	1755	0.689	116.37	2765.3 I	8.73	6.01	0.9	15.9 I	126.00	86.81	13.8	114.3
15	1758	0.710	125.91	2891.2 I	8.88	6.30	1.1	17.1 I	134.00	95.14	16.4	130.7
16	1801	1.023	155.97	3047.2 I	8.24	8.43	1.3	18.4 I	158.00	161.63	23.1	153.8
17	1804	1.130	193.77	3240.9 I	7.38	8.34	1.5	19.9 I	159.00	190.97	31.7	185.5
18	1807	1.346	222.84	3463.8 I	11.20	15.08	2.1	22.0 I	164.00	220.74	37.1	222.6
19	1810	1.469	253.35	3717.1 I	11.30	16.60	2.9	24.8 I	164.00	240.92	41.5	264.1
20	1813	1.519	268.92	3986.0 I	10.90	16.56	3.0	27.8 I	150.00	227.85	42.2	306.3
21	1816	1.520	273.51	4259.5 I	10.00	15.20	2.9	30.7 I	188.00	285.76	46.2	352.5
22	1819	1.536	275.04	4534.6 I	10.90	16.74	2.9	33.6 I	268.00	411.65	62.8	415.3
23	1822	1.392	263.52	4798.1 I	12.00	16.70	3.0	36.6 I	212.00	295.10	63.6	478.9
24	1825	1.357	247.41	5045.5 I	13.40	18.18	3.1	39.7 I	234.00	317.54	55.1	534.0
25	1828	1.425	250.38	5295.9 I	12.40	17.67	3.2	42.9 I	216.00	307.80	56.3	590.3
26	1831	1.410	255.15	5551.0 I	12.30	17.34	3.2	46.1 I	200.00	282.00	53.1	643.4
27	1834	1.263	240.57	5791.6 I	14.30	18.06	3.2	49.3 I	190.00	239.97	47.0	690.4
28	1837	1.244	225.63	6017.2 I	13.90	17.29	3.2	52.5 I	184.00	228.90	42.2	732.6
29	1840	1.185	218.61	6235.8 I	13.60	16.12	3.0	55.5 I	158.00	187.23	37.5	770.0
30	1843	0.991	195.84	6431.7 I	13.20	13.08	2.6	58.1 I	148.00	146.67	30.1	800.1
31	1846	1.147	192.42	6624.1 I	13.40	15.37	2.6	60.7 I	104.00	119.29	23.9	824.0
32	1851	0.922	310.35	6934.4 I	13.40	12.35	4.2	64.8 I	104.00	95.89	32.3	856.3
33	1856	0.860	267.30	7201.7 I	13.20	11.35	3.6	68.4 I	88.00	75.68	25.7	882.0
34	1901	0.827	253.05	7454.8 I	12.40	10.25	3.2	71.6 I	68.00	56.24	19.8	901.8
35	1906	0.713	231.00	7685.8 I	12.30	8.77	2.9	74.5 I	60.00	42.78	14.9	916.7
36	1911	0.645	203.70	7889.5 I	10.70	6.90	2.4	76.8 I	56.00	36.12	11.8	928.5
37	1916	0.643	193.20	8082.7 I	9.82	6.31	2.0	78.8 I	50.00	32.15	10.2	938.7
38	1921	0.547	178.50	8261.2 I	8.72	4.77	1.7	80.5 I	58.00	31.73	9.6	948.3
39	1926	0.548	164.25	8425.4 I	9.26	5.07	1.5	81.9 I	58.00	31.78	9.5	957.9
40	1931	0.544	163.80	8589.2 I	8.60	4.68	1.5	83.4 I	56.00	30.46	9.3	967.2

SHIMIZUGAWA

GIFU

AME

NO.1

420706

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1630	0.547	0.0	0.0	0.0	0.0	0.0	0.0	10.00	5.47	0.0	0.0
2	1650	0.535	649.20	649.2	0.0	0.0	0.0	0.0	24.00	12.84	11.0	11.0
3	1710	0.527	637.20	1286.4	0.0	0.0	0.0	0.0	16.00	8.43	12.8	23.7
4	1725	0.556	487.35	1773.7	0.0	0.0	0.0	0.0	12.00	6.67	6.8	30.5
5	1728	0.503	95.31	1869.1	0.0	0.0	0.0	0.0	18.00	9.05	1.4	32.0
6	1731	0.511	91.26	1960.3	0.0	0.0	0.0	0.0	18.00	9.20	1.6	33.6
7	1734	0.527	93.42	2053.7	0.0	0.0	0.0	0.0	20.00	10.54	1.8	35.4
8	1737	0.521	94.32	2148.1	0.0	0.0	0.0	0.0	16.00	8.34	1.7	37.1
9	1740	0.529	94.50	2242.6	0.0	0.0	0.0	0.0	16.00	8.46	1.5	38.6
10	1743	0.516	94.05	2336.6	0.0	0.0	0.0	0.0	38.00	19.61	2.5	41.1
11	1746	0.557	96.57	2433.2	0.0	0.0	0.0	0.0	54.00	30.08	4.5	45.6
12	1749	0.618	105.75	2538.9	0.0	0.0	0.0	0.0	60.00	37.08	6.0	51.6
13	1752	0.604	109.98	2648.9	0.0	0.0	0.0	0.0	48.00	28.99	5.9	57.6
14	1755	0.689	116.37	2765.3	0.0	0.0	0.0	0.0	44.00	30.32	5.3	62.9
15	1758	0.710	125.91	2891.2	0.0	0.0	0.0	0.0	48.00	34.08	5.8	68.7
16	1801	1.023	155.97	3047.2	0.0	0.0	0.0	0.0	62.00	63.43	8.8	77.5
17	1804	1.130	193.77	3240.9	0.0	0.0	0.0	0.0	70.00	79.10	12.8	90.3
18	1807	1.346	222.84	3463.8	0.0	0.0	0.0	0.0	78.00	104.99	16.6	106.9
19	1810	1.469	253.35	3717.1	0.0	0.0	0.0	0.0	78.00	114.58	19.8	126.6
20	1813	1.519	268.92	3986.0	0.0	0.0	0.0	0.0	88.00	133.67	22.3	149.0
21	1816	1.520	273.51	4259.5	0.0	0.0	0.0	0.0	102.00	155.04	26.0	175.0
22	1819	1.536	275.04	4534.6	0.0	0.0	0.0	0.0	116.00	178.18	30.0	205.0
23	1822	1.392	263.52	4798.1	0.0	0.0	0.0	0.0	90.00	125.28	27.3	232.3
24	1825	1.357	247.41	5045.5	0.0	0.0	0.0	0.0	112.00	151.98	25.0	257.2
25	1828	1.425	250.38	5295.9	0.0	0.0	0.0	0.0	96.00	136.80	26.0	283.2
26	1831	1.410	255.15	5551.0	0.0	0.0	0.0	0.0	98.00	138.18	24.7	308.0
27	1834	1.263	240.57	5791.6	0.0	0.0	0.0	0.0	90.00	113.67	22.7	330.6
28	1837	1.244	225.63	6017.2	0.0	0.0	0.0	0.0	94.00	116.94	20.8	351.4
29	1840	1.185	218.61	6235.8	0.0	0.0	0.0	0.0	94.00	111.39	20.5	371.9
30	1843	0.991	195.84	6431.7	0.0	0.0	0.0	0.0	76.00	75.32	16.8	388.7
31	1846	1.147	192.42	6624.1	0.0	0.0	0.0	0.0	84.00	96.35	15.4	404.2
32	1851	0.922	310.35	6934.4	0.0	0.0	0.0	0.0	80.00	73.76	25.5	429.7
33	1856	0.860	267.30	7201.7	0.0	0.0	0.0	0.0	24.00	20.64	14.2	443.9
34	1901	0.827	253.05	7454.8	0.0	0.0	0.0	0.0	22.00	18.19	5.8	449.7
35	1906	0.713	231.00	7685.8	0.0	0.0	0.0	0.0	34.00	24.24	6.4	456.1
36	1911	0.645	203.70	7889.5	0.0	0.0	0.0	0.0	26.00	16.77	6.2	462.2
37	1916	0.643	193.20	8082.7	0.0	0.0	0.0	0.0	30.00	19.29	5.4	467.6
38	1921	0.547	178.50	8261.2	0.0	0.0	0.0	0.0	38.00	20.79	6.0	473.6
39	1926	0.548	164.25	8425.4	0.0	0.0	0.0	0.0	30.00	16.44	5.6	479.2
40	1931	0.544	163.80	8589.2	0.0	0.0	0.0	0.0	28.00	15.23	4.8	484.0

AME

NO.2

420712

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	1200	0.582	0.0	0.0 I	3.38	1.97	0.0	0.0 I	34.00	19.79	0.0	0.0
2	1220	0.536	670.80	670.8 I	3.67	1.97	2.4	2.4 I	38.00	20.37	24.1	24.1
3	1240	0.527	637.80	1308.6 I	4.04	2.13	2.5	4.8 I	30.00	15.81	21.7	45.8
4	1250	0.534	318.30	1626.9 I	3.43	1.83	1.2	6.0 I	34.00	18.16	10.2	56.0
5	1253	0.519	94.77	1721.7 I	3.13	1.62	0.3	6.3 I	38.00	19.72	3.4	59.4
6	1256	0.553	96.48	1818.1 I	4.30	2.38	0.4	6.7 I	36.00	19.91	3.6	63.0
7	1259	0.575	101.52	1919.7 I	6.30	3.62	0.5	7.2 I	38.00	21.85	3.8	66.7
8	1302	0.602	105.93	2025.6 I	5.49	3.30	0.6	7.8 I	44.00	26.49	4.4	71.1
9	1305	0.539	102.69	2128.3 I	7.48	4.03	0.7	8.5 I	52.00	28.03	4.9	76.0
10	1308	0.574	100.17	2228.5 I	13.10	7.52	1.0	9.5 I	36.00	20.66	4.4	80.4
11	1311	0.551	101.25	2329.7 I	13.08	7.21	1.3	10.9 I	36.00	19.84	3.6	84.0
12	1314	0.621	105.48	2435.2 I	12.36	7.68	1.3	12.2 I	46.00	28.57	4.4	88.4
13	1317	0.620	111.69	2546.9 I	11.72	7.27	1.3	13.6 I	46.00	28.52	5.1	93.5
14	1320	0.566	106.74	2653.6 I	12.00	6.79	1.3	14.8 I	48.00	27.17	5.0	98.5
15	1323	0.584	103.50	2757.1 I	10.80	6.31	1.2	16.0 I	46.00	26.86	4.9	103.4
16	1326	0.647	110.79	2867.9 I	8.97	5.80	1.1	17.1 I	42.00	27.17	4.9	108.2
17	1329	0.651	116.82	2984.7 I	10.70	6.97	1.1	18.2 I	38.00	24.74	4.7	112.9
18	1332	0.719	123.30	3108.0 I	9.09	6.54	1.2	19.4 I	38.00	27.32	4.7	117.6
19	1335	0.695	127.26	3235.3 I	9.55	6.64	1.2	20.6 I	42.00	29.19	5.1	122.7
20	1338	0.680	123.75	3359.0 I	8.98	6.11	1.1	21.8 I	38.00	25.84	5.0	127.6
21	1341	0.754	129.06	3488.1 I	8.96	6.76	1.2	22.9 I	32.00	24.13	4.5	132.1
22	1344	0.755	135.81	3623.9 I	9.23	6.97	1.2	24.2 I	34.00	25.67	4.5	136.6
23	1347	0.779	138.06	3762.0 I	11.10	8.65	1.4	25.6 I	36.00	28.04	4.8	141.4
24	1350	0.741	136.80	3898.8 I	10.30	7.63	1.5	27.0 I	42.00	31.12	5.3	146.8
25	1353	0.766	135.63	4034.4 I	11.00	8.43	1.4	28.5 I	46.00	35.24	6.0	152.7
26	1356	0.780	139.14	4173.5 I	9.10	7.10	1.4	29.9 I	44.00	34.32	6.3	159.0
27	1359	0.768	139.32	4312.9 I	9.96	7.65	1.3	31.2 I	32.00	24.58	5.3	164.3
28	1402	0.782	139.50	4452.3 I	9.56	7.48	1.4	32.6 I	32.00	25.02	4.5	168.8
29	1405	0.745	137.43	4589.8 I	12.00	8.94	1.5	34.1 I	38.00	28.31	4.8	173.6
30	1408	0.768	136.17	4725.9 I	11.60	8.91	1.6	35.7 I	40.00	30.72	5.3	178.9
31	1411	0.710	133.02	4859.0 I	14.30	10.15	1.7	37.4 I	36.00	25.56	5.1	183.9
32	1414	0.762	132.48	4991.4 I	12.90	9.83	1.8	39.2 I	40.00	30.48	5.0	189.0
33	1417	0.713	132.75	5124.2 I	10.90	7.77	1.6	40.8 I	32.00	22.82	4.8	193.8
34	1422	0.713	213.90	5338.1 I	10.70	7.63	2.3	43.1 I	38.00	27.09	7.5	201.3
35	1427	0.695	211.20	5549.3 I	9.96	6.92	2.2	45.3 I	36.00	25.02	7.8	209.1
36	1432	0.636	199.65	5748.9 I	8.33	5.30	1.8	47.1 I	40.00	25.44	7.6	216.7
37	1437	0.659	194.25	5943.2 I	7.80	5.14	1.6	48.6 I	54.00	35.59	9.2	225.8
38	1442	0.650	196.35	6139.5 I	6.44	4.19	1.4	50.0 I	44.00	28.60	9.6	235.4
39	1447	0.645	194.25	6333.8 I	5.35	3.45	1.1	51.2 I	50.00	32.25	9.1	244.6
40	1452	0.606	187.65	6521.4 I	4.83	2.93	1.0	52.2 I	64.00	38.78	10.7	255.2
41	1455	0.560	104.94	6626.4 I	3.55	1.99	0.4	52.6 I	46.00	25.76	5.8	261.0
42	1458	0.592	103.68	6730.0 I	4.25	2.52	0.4	53.0 I	38.00	22.50	4.3	265.4
43	1501	0.682	114.66	6844.7 I	3.65	2.49	0.5	53.4 I	44.00	30.01	4.7	270.1
44	1504	0.616	116.82	6961.5 I	4.05	2.49	0.4	53.9 I	42.00	25.87	5.0	275.1
45	1507	0.576	107.28	7068.8 I	4.24	2.44	0.4	54.3 I	38.00	21.89	4.3	279.4
46	1510	0.610	106.74	7175.5 I	3.85	2.35	0.4	54.8 I	46.00	28.06	4.5	283.9
47	1513	0.601	108.99	7284.5 I	4.47	2.69	0.5	55.2 I	38.00	22.84	4.6	288.5
48	1516	0.522	101.07	7385.6 I	4.33	2.26	0.4	55.7 I	36.00	18.79	3.7	292.3
49	1519	0.600	100.98	7486.6 I	4.15	2.49	0.4	56.1 I	54.00	32.40	4.6	296.9
50	1522	0.636	111.24	7597.8 I	3.88	2.47	0.4	56.5 I	56.00	35.62	6.1	303.0

SHIMIZUGAWA

GIFU

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NO.2

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BOD

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NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	1525	0.634	114.30	7712.1 I	4.55	2.88	0.5	57.0 I	40.00	25.36	5.5	308.5
52	1528	0.671	117.45	7829.5 I	4.33	2.91	0.5	57.5 I	40.00	26.84	4.7	313.2
53	1531	0.517	106.92	7936.5 I	4.02	2.08	0.4	58.0 I	46.00	23.78	4.6	317.7
54	1534	0.685	108.18	8044.6 I	4.19	2.87	0.4	58.4 I	30.00	20.55	4.0	321.7
55	1537	0.719	126.36	8171.0 I	4.20	3.02	0.5	59.0 I	38.00	27.32	4.3	326.0
56	1540	0.702	127.89	8298.9 I	4.03	2.83	0.5	59.5 I	36.00	25.27	4.7	330.8
57	1543	0.700	126.18	8425.1 I	4.51	3.16	0.5	60.0 I	31.00	21.70	4.2	335.0
58	1546	0.728	128.52	8553.6 I	4.63	3.37	0.6	60.6 I	42.00	30.58	4.7	339.7
59	1549	0.700	128.52	8682.1 I	4.95	3.46	0.6	61.2 I	48.00	33.60	5.8	345.5
60	1552	0.740	129.60	8811.7 I	5.45	4.03	0.7	61.9 I	60.00	44.40	7.0	352.5
61	1555	0.771	135.99	8947.7 I	5.34	4.12	0.7	62.6 I	74.00	57.05	9.1	361.6
62	1558	0.689	131.40	9079.1 I	5.67	3.91	0.7	63.4 I	70.00	48.23	9.5	371.1
63	1601	0.728	127.53	9206.6 I	6.70	4.88	0.8	64.2 I	78.00	56.78	9.5	380.5
64	1604	0.683	126.99	9333.6 I	8.23	5.62	0.9	65.1 I	68.00	46.44	9.3	389.8
65	1607	0.786	132.21	9465.8 I	7.71	6.06	1.1	66.2 I	52.00	40.87	7.9	397.7
66	1610	0.697	133.47	9599.3 I	8.94	6.23	1.1	67.3 I	44.00	30.67	6.4	404.1
67	1613	0.668	122.85	9722.1 I	8.98	6.00	1.1	68.4 I	52.00	34.74	5.9	410.0
68	1616	0.702	123.30	9845.4 I	8.30	5.83	1.1	69.4 I	42.00	29.48	5.8	415.8
69	1619	0.851	139.77	9985.2 I	7.59	6.46	1.1	70.5 I	42.00	35.74	5.9	421.7
70	1622	0.598	130.41	10115.6 I	7.38	4.41	1.0	71.5 I	50.00	29.90	5.9	427.6
71	1625	0.672	114.30	10229.9 I	7.53	5.06	0.9	72.4 I	54.00	36.29	6.0	433.5
72	1628	0.636	117.72	10347.6 I	7.88	5.01	0.9	73.3 I	50.00	31.80	6.1	439.7
73	1631	0.677	118.17	10465.8 I	7.20	4.87	0.9	74.2 I	58.00	39.27	6.4	446.1
74	1634	0.666	120.87	10586.7 I	6.33	4.22	0.8	75.0 I	60.00	39.96	7.1	453.2
75	1637	0.636	117.18	10703.8 I	6.22	3.96	0.7	75.7 I	44.00	27.98	6.1	459.3
76	1640	0.651	115.83	10819.7 I	5.02	3.27	0.7	76.4 I	36.00	23.44	4.6	463.9
77	1643	0.652	117.27	10936.9 I	3.54	2.31	0.5	76.9 I	40.00	26.08	4.5	468.4
78	1646	0.628	115.20	11052.1 I	3.63	2.28	0.4	77.3 I	44.00	27.63	4.8	473.2
79	1649	0.588	109.44	11161.6 I	3.55	2.09	0.4	77.7 I	40.00	23.52	4.6	477.8
80	1652	0.644	110.88	11272.4 I	3.40	2.19	0.4	78.1 I	38.00	24.47	4.3	482.1
81	1655	0.586	110.70	11383.1 I	3.21	1.88	0.4	78.4 I	36.00	21.10	4.1	486.2
82	1715	0.626	727.20	12110.3 I	3.20	2.00	2.3	80.8 I	30.00	18.78	23.9	510.2

AME

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NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
83	1750	0.588	0.0	0.0 I	5.04	2.96	0.0	0.0 I	42.00	24.70	0.0	0.0
84	1810	0.625	727.80	727.8 I	4.58	2.86	3.5	3.5 I	42.00	26.25	30.6	30.6
85	1830	0.639	758.40	1486.2 I	5.18	3.31	3.7	7.2 I	64.00	40.90	40.3	70.9
86	1850	0.641	768.00	2254.2 I	6.43	4.12	4.5	11.7 I	76.00	48.72	53.8	124.6
87	1855	0.627	190.20	2444.4 I	4.73	2.97	1.1	12.7 I	60.00	37.62	13.0	137.6
88	1858	0.689	118.44	2562.8 I	5.90	4.07	0.6	13.4 I	50.00	34.45	6.5	144.1
89	1901	0.634	119.07	2681.9 I	6.68	4.24	0.7	14.1 I	46.00	29.16	5.7	149.8
90	1904	0.672	117.54	2799.4 I	5.88	3.95	0.7	14.8 I	62.00	41.66	6.4	156.2
91	1907	0.660	119.88	2919.3 I	7.10	4.69	0.8	15.6 I	52.00	34.32	6.8	163.0
92	1910	0.623	115.47	3034.8 I	6.79	4.23	0.8	16.4 I	58.00	36.13	6.3	169.3
93	1913	0.661	115.56	3150.4 I	6.68	4.42	0.8	17.2 I	42.00	27.76	5.8	175.1
94	1916	0.676	120.33	3270.7 I	6.68	4.52	0.8	18.0 I	48.00	32.45	5.4	180.5
95	1919	0.610	115.74	3386.4 I	6.49	3.96	0.8	18.8 I	58.00	35.38	6.1	186.6
96	1922	0.665	114.75	3501.2 I	6.30	4.19	0.7	19.5 I	138.00	91.77	11.4	198.1
97	1925	0.667	119.88	3621.1 I	5.33	3.56	0.7	20.2 I	190.00	126.73	19.7	217.7
98	1928	0.679	121.14	3742.2 I	6.68	4.54	0.7	20.9 I	113.00	76.73	18.3	236.0
99	1931	0.713	125.28	3867.5 I	5.29	3.77	0.7	21.7 I	76.00	54.19	11.8	247.8
100	1934	0.664	123.93	3991.4 I	5.79	3.84	0.7	22.4 I	52.00	34.53	8.0	255.8
101	1937	0.699	122.67	4114.1 I	6.23	4.35	0.7	23.1 I	52.00	36.35	6.4	262.2
102	1940	0.686	124.65	4238.7 I	5.95	4.08	0.8	23.9 I	52.00	35.67	6.5	268.7
103	1943	0.561	112.23	4350.9 I	5.54	3.11	0.6	24.5 I	64.00	35.90	6.4	275.1
104	1946	0.765	119.34	4470.3 I	6.78	5.19	0.7	25.2 I	82.00	62.73	8.9	284.0
105	1949	0.721	133.74	4604.0 I	7.37	5.31	0.9	26.2 I	72.00	51.91	10.3	294.3
106	1952	0.721	129.78	4733.8 I	7.00	5.05	0.9	27.1 I	50.00	36.05	7.9	302.2
107	1955	0.701	127.98	4861.8 I	6.60	4.63	0.9	28.0 I	50.00	35.05	6.4	308.6
108	1958	0.699	126.00	4987.8 I	4.11	2.87	0.7	28.7 I	82.00	57.32	8.3	316.9
109	2001	0.800	134.91	5122.7 I	4.73	3.78	0.6	29.3 I	92.00	73.60	11.8	328.7
110	2004	0.692	134.28	5257.0 I	6.90	4.77	0.8	30.0 I	102.00	70.58	13.0	341.7
111	2007	0.589	115.29	5372.2 I	7.78	4.58	0.8	30.9 I	81.00	47.71	10.6	352.3
112	2010	0.754	120.87	5493.1 I	8.03	6.05	1.0	31.8 I	68.00	51.27	8.9	361.2
113	2013	0.856	144.90	5638.0 I	8.00	6.85	1.2	33.0 I	70.00	59.92	10.0	371.2
114	2016	0.838	152.46	5790.5 I	8.37	7.01	1.2	34.2 I	58.00	48.60	9.8	381.0
115	2019	0.908	157.14	5947.6 I	6.85	6.22	1.2	35.4 I	48.00	43.58	8.3	389.3
116	2022	0.952	167.40	6115.0 I	6.17	5.87	1.1	36.5 I	76.00	72.35	10.4	399.7
117	2025	1.005	176.13	6291.1 I	8.63	8.67	1.3	37.8 I	21.00	21.10	8.4	408.2
118	2028	1.090	188.55	6479.7 I	8.23	8.97	1.6	39.4 I	162.00	176.58	17.8	425.9
119	2031	1.269	212.31	6692.0 I	8.23	10.44	1.7	41.2 I	146.00	185.27	32.6	458.5
120	2034	1.352	235.89	6927.9 I	8.50	11.49	2.0	43.1 I	130.00	175.76	32.5	491.0
121	2037	1.366	244.62	7172.5 I	9.30	12.70	2.2	45.3 I	74.00	101.08	24.9	515.9
122	2040	1.744	279.90	7452.4 I	8.83	15.40	2.5	47.9 I	52.00	90.69	17.3	533.2
123	2043	1.693	309.33	7761.7 I	9.20	15.58	2.8	50.6 I	44.00	74.49	14.9	548.0
124	2046	1.702	305.55	8067.3 I	9.57	16.29	2.9	53.5 I	46.00	78.29	13.8	561.8
125	2049	1.596	296.82	8364.1 I	9.23	14.73	2.8	56.3 I	58.00	92.57	15.4	577.2
126	2052	1.643	291.51	8655.6 I	9.67	15.89	2.8	59.1 I	86.00	141.30	21.0	598.2
127	2055	1.652	296.55	8952.1 I	7.93	13.10	2.6	61.7 I	142.00	234.58	33.8	632.0
128	2058	1.720	303.48	9255.5 I	7.72	13.28	2.4	64.0 I	190.00	326.80	50.5	682.6
129	2101	1.741	311.49	9567.1 I	8.67	15.09	2.6	66.6 I	120.00	208.92	48.2	730.8
130	2104	1.730	312.39	9879.5 I	11.30	19.55	3.1	69.7 I	122.00	211.06	37.8	768.6
131	2107	1.660	305.10	10184.6 I	7.68	12.75	2.9	72.6 I	90.00	149.40	32.4	801.0
132	2110	1.648	297.72	10482.3 I	7.85	12.94	2.3	74.9 I	80.00	131.84	25.3	826.3

SHIMIZUGAWA

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
133	2113	1.676	299.16	10781.5 I	11.00	18.44	2.8	77.7 I	76.00	127.38	23.3	849.7
134	2116	1.615	296.19	11077.7 I	8.57	13.84	2.9	80.7 I	118.00	190.57	28.6	878.3
135	2119	1.667	295.38	11373.0 I	7.26	12.10	2.3	83.0 I	54.00	90.02	25.3	903.5
136	2122	1.454	280.89	11653.9 I	6.93	10.08	2.0	85.0 I	66.00	95.96	16.7	920.3
137	2125	1.460	262.26	11916.2 I	6.77	9.88	1.8	86.8 I	52.00	75.92	15.5	935.7
138	2128	1.315	249.75	12165.9 I	7.20	9.47	1.7	88.5 I	62.00	81.53	14.2	949.9
139	2131	1.440	247.95	12413.9 I	7.05	10.15	1.8	90.3 I	62.00	89.28	15.4	965.3
140	2134	1.341	250.29	12664.2 I	6.07	8.14	1.6	91.9 I	68.00	91.19	16.2	981.5
141	2137	1.246	232.83	12897.0 I	7.05	8.78	1.5	93.5 I	58.00	72.27	14.7	996.2
142	2140	1.246	224.28	13121.3 I	6.40	7.97	1.5	95.0 I	46.00	57.32	11.7	1007.9
143	2143	1.082	209.52	13330.8 I	6.53	7.07	1.4	96.3 I	48.00	51.94	9.8	1017.7
144	2146	1.167	202.41	13533.2 I	6.57	7.67	1.3	97.6 I	52.00	60.68	10.1	1027.9
145	2151	0.936	315.45	13848.6 I	5.47	5.12	1.9	99.6 I	52.00	48.67	16.4	1044.3
146	2156	0.843	266.85	14115.5 I	6.03	5.08	1.5	101.1 I	48.00	40.46	13.4	1057.6
147	2201	0.777	243.00	14358.5 I	5.45	4.23	1.4	102.5 I	50.00	38.85	11.9	1069.5

AME

NO.4

420719

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800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	909	0.401	0.0	0.0	6.68	2.68	0.0	0.0	186.00	74.59	0.0	0.0
2	912	0.408	72.81	72.8	7.05	2.88	0.5	0.5	224.00	91.39	14.9	14.9
3	915	0.556	86.76	159.6	7.17	3.99	0.6	1.1	249.00	138.44	20.7	35.6
4	918	0.595	103.59	263.2	7.19	4.28	0.7	1.9	328.00	195.16	30.0	65.6
5	921	0.638	110.97	374.1	7.21	4.60	0.8	2.7	335.00	213.73	36.8	102.4
6	924	0.861	134.91	509.0	7.65	6.59	1.0	3.7	420.00	361.62	51.8	154.2
7	927	1.669	227.70	736.7	9.03	15.07	1.9	5.6	443.00	739.37	99.1	253.3
8	930	1.940	324.81	1061.5	9.35	18.14	3.0	8.6	476.00	923.44	149.7	403.0
9	933	2.436	393.84	1455.4	7.80	19.00	3.3	11.9	404.00	984.14	171.7	574.7
10	936	2.902	480.42	1935.8	9.93	28.82	4.3	16.3	388.00	1125.98	189.9	764.6
11	939	3.392	566.46	2502.3	10.00	33.92	5.6	21.9	412.00	1397.50	227.1	991.7
12	942	3.598	629.10	3131.4	10.70	38.50	6.5	28.4	420.00	1511.16	261.8	1253.5
13	945	3.695	656.37	3787.7	10.50	38.80	7.0	35.4	390.00	1441.05	265.7	1519.2
14	948	3.820	676.35	4464.1	11.70	44.69	7.5	42.9	394.00	1505.08	265.2	1784.3
15	951	3.740	680.40	5144.5	14.20	53.11	8.8	51.7	352.00	1316.48	253.9	2038.2
16	954	3.740	673.20	5817.7	14.10	52.73	9.5	61.2	434.00	1623.16	264.6	2302.8
17	957	3.564	657.36	6475.0	11.00	39.20	8.3	69.5	332.00	1183.25	252.6	2555.4
18	1000	3.520	637.56	7112.6	11.80	41.54	7.3	76.8	320.00	1126.40	207.9	2763.3
19	1003	3.520	633.60	7746.2	9.55	33.62	6.8	83.5	324.00	1140.48	204.0	2967.3
20	1006	3.520	633.60	8379.8	8.22	28.93	5.6	89.1	304.00	1070.08	199.0	3166.2
21	1009	3.469	629.01	9008.8	10.90	37.81	6.0	95.2	330.00	1144.77	199.3	3365.6
22	1012	3.443	622.08	9630.9	9.25	31.85	6.3	101.4	330.00	1136.19	205.3	3570.9
23	1015	3.434	618.93	10249.8	8.36	28.71	5.5	106.9	262.00	899.71	183.2	3754.1
24	1018	3.142	591.84	10841.7	7.28	22.87	4.6	111.5	244.00	766.65	150.0	3904.1
25	1021	3.102	561.96	11403.6	8.14	25.25	4.3	115.8	220.00	682.44	130.4	4034.5
26	1024	2.942	543.96	11947.6	7.36	21.65	4.2	120.1	168.00	494.26	105.9	4140.4
27	1027	2.840	520.38	12467.9	7.56	21.47	3.9	124.0	154.00	437.36	83.8	4224.2
28	1030	2.672	496.08	12964.0	9.30	24.85	4.2	128.1	136.00	363.39	72.1	4296.3
29	1033	2.484	464.04	13428.1	8.88	22.06	4.2	132.3	154.00	382.54	67.1	4363.4
30	1036	2.309	431.37	13859.4	8.94	20.64	3.8	136.2	154.00	355.59	66.4	4429.8
31	1039	2.274	412.47	14271.9	8.32	18.92	3.6	139.7	84.00	191.02	49.2	4479.0
32	1044	2.070	651.60	14923.5	7.60	15.73	5.2	144.9	98.00	202.86	59.1	4538.1
33	1049	1.783	577.95	15501.4	6.15	10.97	4.0	148.9	72.00	128.38	49.7	4587.8
34	1054	1.783	534.90	16036.3	5.67	10.11	3.2	152.1	68.00	121.24	37.4	4625.2
35	1059	1.650	514.95	16551.3	5.93	9.78	3.0	155.1	64.00	105.60	34.0	4659.3
36	1104	1.176	423.90	16975.2	5.93	6.97	2.5	157.6	60.00	70.56	26.4	4685.7
37	1109	1.176	352.80	17328.0	4.03	4.74	1.8	159.4	78.00	91.73	24.3	4710.0
38	1114	1.064	336.00	17664.0	4.67	4.97	1.5	160.6	76.00	80.86	25.9	4735.9
39	1119	1.050	317.10	17981.1	5.80	6.09	1.7	162.5	72.00	75.60	23.5	4759.4
40	1124	0.971	303.15	18284.2	4.84	4.70	1.6	164.1	70.00	67.97	21.5	4780.9
41	1129	0.891	279.30	18563.5	4.30	3.83	1.3	165.4	62.00	55.24	18.5	4799.4
42	1134	0.848	260.85	18824.4	5.62	4.77	1.3	166.7	62.00	52.58	16.2	4815.6
43	1139	0.818	249.90	19074.3	5.53	4.52	1.4	168.1	54.00	44.17	14.5	4830.1
44	1144	0.765	237.45	19311.7	5.42	4.15	1.3	169.4	46.00	35.19	11.9	4842.0

SHIMIZUGAWA

GIFU

AME

NO.4

420719

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COD

VSS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	909	0.401	0.0	0.0 I	0.0	0.0	0.0	0.0 I	70.00	28.07	0.0	0.0
2	912	0.408	72.81	72.8 I	0.0	0.0	0.0	0.0 I	59.00	24.07	4.7	4.7
3	915	0.556	86.76	159.6 I	0.0	0.0	0.0	0.0 I	95.00	52.82	6.9	11.6
4	918	0.595	103.59	263.2 I	0.0	0.0	0.0	0.0 I	48.00	28.56	7.3	18.9
5	921	0.638	110.97	374.1 I	0.0	0.0	0.0	0.0 I	50.00	31.90	5.4	24.4
6	924	0.861	134.91	509.0 I	0.0	0.0	0.0	0.0 I	64.00	55.10	7.8	32.2
7	927	1.669	227.70	736.7 I	0.0	0.0	0.0	0.0 I	71.00	118.50	15.6	47.8
8	930	1.940	324.81	1061.5 I	0.0	0.0	0.0	0.0 I	50.00	97.00	19.4	67.2
9	933	2.436	393.84	1455.4 I	0.0	0.0	0.0	0.0 I	66.00	160.78	23.2	90.4
10	936	2.902	480.42	1935.8 I	0.0	0.0	0.0	0.0 I	60.00	174.12	30.1	120.6
11	939	3.392	566.46	2502.3 I	0.0	0.0	0.0	0.0 I	84.00	284.93	41.3	161.9
12	942	3.598	629.10	3131.4 I	0.0	0.0	0.0	0.0 I	110.00	395.78	61.3	223.1
13	945	3.695	656.37	3787.7 I	0.0	0.0	0.0	0.0 I	82.00	302.99	62.9	286.0
14	948	3.820	676.35	4464.1 I	0.0	0.0	0.0	0.0 I	96.00	366.72	60.3	346.3
15	951	3.740	680.40	5144.5 I	0.0	0.0	0.0	0.0 I	84.00	314.16	61.3	407.6
16	954	3.740	673.20	5817.7 I	0.0	0.0	0.0	0.0 I	86.00	321.64	57.2	464.8
17	957	3.564	657.36	6475.0 I	0.0	0.0	0.0	0.0 I	68.00	242.35	50.8	515.6
18	1000	3.520	637.56	7112.6 I	0.0	0.0	0.0	0.0 I	62.00	218.24	41.5	557.0
19	1003	3.520	633.60	7746.2 I	0.0	0.0	0.0	0.0 I	64.00	225.28	39.9	596.9
20	1006	3.520	633.60	8379.8 I	0.0	0.0	0.0	0.0 I	58.00	204.16	38.6	635.6
21	1009	3.469	629.01	9008.8 I	0.0	0.0	0.0	0.0 I	50.00	173.45	34.0	669.6
22	1012	3.443	622.08	9630.9 I	0.0	0.0	0.0	0.0 I	64.00	220.35	35.4	705.0
23	1015	3.434	618.93	10249.8 I	0.0	0.0	0.0	0.0 I	50.00	171.70	35.3	740.3
24	1018	3.142	591.84	10841.7 I	0.0	0.0	0.0	0.0 I	48.00	150.82	29.0	769.3
25	1021	3.102	561.96	11403.6 I	0.0	0.0	0.0	0.0 I	56.00	173.71	29.2	798.5
26	1024	2.942	543.96	11947.6 I	0.0	0.0	0.0	0.0 I	48.00	141.22	28.3	826.9
27	1027	2.840	520.38	12467.9 I	0.0	0.0	0.0	0.0 I	60.00	170.40	28.0	854.9
28	1030	2.672	496.08	12964.0 I	0.0	0.0	0.0	0.0 I	50.00	133.60	27.4	882.3
29	1033	2.484	464.04	13428.1 I	0.0	0.0	0.0	0.0 I	54.00	134.14	24.1	906.4
30	1036	2.309	431.37	13859.4 I	0.0	0.0	0.0	0.0 I	50.00	115.45	22.5	928.8
31	1039	2.274	412.47	14271.9 I	0.0	0.0	0.0	0.0 I	40.00	90.96	18.6	947.4
32	1044	2.070	451.60	14923.5 I	0.0	0.0	0.0	0.0 I	52.00	107.64	29.8	977.2
33	1049	1.783	577.95	15501.4 I	0.0	0.0	0.0	0.0 I	58.00	103.41	31.7	1008.9
34	1054	1.783	534.90	16036.3 I	0.0	0.0	0.0	0.0 I	46.00	82.02	27.8	1036.7
35	1059	1.650	514.95	16551.3 I	0.0	0.0	0.0	0.0 I	38.00	62.70	21.7	1058.4
36	1104	1.176	423.90	16975.2 I	0.0	0.0	0.0	0.0 I	46.00	54.10	17.5	1075.9
37	1109	1.176	352.80	17328.0 I	0.0	0.0	0.0	0.0 I	46.00	54.10	16.2	1092.1
38	1114	1.064	336.00	17664.0 I	0.0	0.0	0.0	0.0 I	44.00	46.82	15.1	1107.3
39	1119	1.050	317.10	17981.1 I	0.0	0.0	0.0	0.0 I	40.00	42.00	13.3	1120.6
40	1124	0.971	303.15	18284.2 I	0.0	0.0	0.0	0.0 I	46.00	44.67	13.0	1133.6
41	1129	0.891	279.30	18563.5 I	0.0	0.0	0.0	0.0 I	36.00	32.08	11.5	1145.1
42	1134	0.848	260.85	18824.4 I	0.0	0.0	0.0	0.0 I	38.00	32.22	9.6	1154.8
43	1139	0.818	249.90	19074.3 I	0.0	0.0	0.0	0.0 I	28.00	22.90	8.3	1163.0
44	1144	0.765	237.45	19311.7 I	0.0	0.0	0.0	0.0 I	24.00	18.36	6.2	1169.2

SHIMIZUGAWA

GIFU

AME

NO.5

420719

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BOD

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
45	1440	0.718	0.0	0.0	5.54	3.98	0.0	0.0	43.00	30.87	0.0	0.0
46	1500	0.770	892.80	892.8	5.78	4.45	5.1	5.1	44.00	33.88	38.9	38.9
47	1522	0.785	1026.30	1919.1	5.51	4.33	5.8	10.8	50.00	39.25	48.3	87.1
48	1525	0.802	142.83	2061.9	7.72	6.19	0.9	11.8	70.00	56.14	8.6	95.7
49	1528	0.843	148.05	2210.0	8.18	6.90	1.2	13.0	88.00	74.18	11.7	107.4
50	1531	0.860	153.27	2363.2	10.70	9.20	1.4	14.4	134.00	115.24	17.0	124.5
51	1534	0.863	155.07	2518.3	5.94	5.13	1.3	15.7	34.00	29.34	13.0	137.5
52	1537	0.930	161.37	2679.7	6.04	5.62	1.0	16.7	36.00	33.48	5.7	143.1
53	1540	0.981	171.99	2851.7	6.58	6.45	1.1	17.8	36.00	35.32	6.2	149.3
54	1543	1.007	178.92	3030.6	6.52	6.57	1.2	18.9	34.00	34.24	6.3	155.6
55	1546	1.012	181.71	3212.3	6.18	6.25	1.2	20.1	42.00	42.50	6.9	162.5
56	1549	1.011	182.07	3394.4	5.16	5.22	1.0	21.1	50.00	50.55	8.4	170.9
57	1552	1.020	182.79	3577.2	5.42	5.53	1.0	22.1	52.00	53.04	9.3	180.2
58	1555	1.001	181.89	3759.1	5.23	5.24	1.0	23.1	58.00	58.06	10.0	190.2
59	1558	1.211	199.08	3958.1	5.66	6.85	1.1	24.1	48.00	58.13	10.5	200.7
60	1601	1.046	203.13	4161.3	5.54	5.79	1.1	25.3	42.00	43.93	9.2	209.8
61	1604	1.044	188.10	4349.4	5.34	5.57	1.0	26.3	40.00	41.76	7.7	217.6
62	1607	1.036	187.20	4536.6	5.87	6.08	1.0	27.4	48.00	49.73	8.2	225.8
63	1610	1.009	184.05	4720.6	9.70	9.79	1.4	28.8	60.00	60.54	9.9	235.7
64	1613	0.990	179.91	4900.5	9.50	9.40	1.7	30.5	66.00	65.34	11.3	247.0
65	1616	0.928	172.62	5073.1	6.94	6.44	1.4	31.9	72.00	66.82	11.9	258.9
66	1619	1.041	177.21	5250.3	6.80	7.08	1.2	33.2	66.00	68.71	12.2	271.1
67	1622	0.884	173.25	5423.6	6.30	5.57	1.1	34.3	58.00	51.27	10.8	281.9
68	1625	0.888	159.48	5583.1	5.80	5.15	1.0	35.3	46.00	40.85	8.3	290.2
69	1630	0.885	265.95	5849.0	5.56	4.92	1.5	36.8	42.00	37.17	11.7	301.9
70	1635	0.851	260.40	6109.4	6.16	5.24	1.5	38.3	42.00	35.74	10.9	312.9
71	1640	0.849	255.00	6364.4	6.07	5.15	1.6	39.9	40.00	33.96	10.5	323.3
72	1645	0.808	248.55	6613.0	5.46	4.41	1.4	41.3	42.00	33.94	10.2	333.5
73	1650	0.787	239.25	6852.2	5.56	4.38	1.3	42.6	48.00	37.78	10.8	344.3
74	1655	0.780	235.05	7087.2	5.66	4.41	1.3	43.9	46.00	35.88	11.0	355.3
75	1700	0.760	231.00	7318.2	5.76	4.38	1.3	45.2	40.00	30.40	9.9	365.2
76	1705	0.793	232.95	7551.2	6.06	4.81	1.4	46.6	44.00	34.89	9.8	375.0
77	1710	0.798	238.65	7789.8	5.93	4.73	1.4	48.1	40.00	31.92	10.0	385.1
78	1715	0.825	243.45	8033.3	5.04	4.16	1.3	49.4	40.00	33.00	9.7	394.8

SHIMIZUGAWA

GIFU

AME

NO.6

420922

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800

SS

NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
1	2000	0.724	0.0	0.0 I	7.72	5.59	0.0	0.0 I	78.00	56.47	0.0	0.0
2	2020	0.645	821.40	821.4 I	8.01	5.17	6.5	6.5 I	70.00	45.15	61.0	61.0
3	2040	0.684	797.40	1618.8 I	7.58	5.18	6.2	12.7 I	86.00	58.82	62.4	123.4
4	2054	0.683	574.14	2192.9 I	6.53	4.46	4.1	16.7 I	72.00	49.18	45.4	168.7
5	2057	0.657	120.60	2313.5 I	6.71	4.41	0.8	17.5 I	76.00	49.93	8.9	177.6
6	2100	0.627	115.56	2429.1 I	6.65	5.42	0.9	18.4 I	88.00	55.18	9.5	187.1
7	2103	0.682	117.81	2546.9 I	7.72	5.27	1.0	19.4 I	82.00	55.92	10.0	197.1
8	2106	0.639	118.89	2665.8 I	8.48	5.42	1.0	20.3 I	84.00	53.68	9.9	207.0
9	2109	0.662	117.09	2782.9 I	8.96	5.93	1.0	21.3 I	88.00	58.26	10.1	217.0
10	2112	0.597	113.31	2896.2 I	7.96	4.75	1.0	22.3 I	78.00	46.57	9.4	226.5
11	2115	0.625	109.98	3006.2 I	7.40	4.62	0.8	23.1 I	70.00	43.75	8.1	234.6
12	2118	0.665	116.10	3122.3 I	7.36	4.89	0.9	24.0 I	66.00	43.89	7.9	242.5
13	2121	0.737	126.18	3248.5 I	7.82	5.76	1.0	25.0 I	68.00	50.12	8.5	250.9
14	2124	0.682	127.71	3376.2 I	7.89	5.38	1.0	26.0 I	64.00	43.65	8.4	259.4
15	2127	0.664	121.14	3497.3 I	7.85	5.21	1.0	26.9 I	84.00	55.78	8.9	268.3
16	2130	0.733	125.73	3623.0 I	8.38	6.14	1.0	27.9 I	68.00	49.84	9.5	277.6
17	2133	0.719	130.68	3753.7 I	7.90	5.68	1.1	29.0 I	84.00	60.40	9.9	287.8
18	2136	0.825	138.96	3892.7 I	8.23	6.79	1.1	30.1 I	74.00	61.05	10.9	298.7
19	2139	0.803	146.52	4039.2 I	8.50	6.83	1.2	31.4 I	66.00	53.00	10.3	309.0
20	2142	0.826	146.61	4185.8 I	8.51	7.03	1.2	32.6 I	68.00	56.17	9.8	318.8
21	2145	0.776	144.18	4330.0 I	9.10	7.06	1.3	33.9 I	54.00	41.90	8.8	327.6
22	2148	0.868	147.96	4477.9 I	8.13	7.06	1.3	35.1 I	66.00	57.29	8.9	336.5
23	2151	1.255	191.07	4669.0 I	8.21	10.30	1.6	36.7 I	70.00	87.85	13.1	349.6
24	2154	0.825	187.20	4856.2 I	6.48	5.35	1.4	38.1 I	66.00	54.45	12.8	362.4
25	2157	1.010	165.15	5021.4 I	6.83	6.90	1.1	39.2 I	80.00	80.80	12.2	374.6
26	2200	1.020	182.70	5204.1 I	7.73	7.88	1.3	40.5 I	106.00	108.12	17.0	391.6
27	2203	1.066	187.74	5391.8 I	8.60	9.17	1.5	42.1 I	112.00	119.39	20.5	412.1
28	2206	1.204	204.30	5596.1 I	13.90	16.74	2.3	44.4 I	178.00	214.31	30.0	442.1
29	2209	1.085	206.01	5802.1 I	11.80	12.80	2.7	47.1 I	156.00	171.43	34.7	476.8
30	2212	1.264	211.41	6013.5 I	10.50	13.27	2.3	49.4 I	146.00	184.54	32.0	508.8
31	2215	1.415	241.11	6254.6 I	9.90	14.01	2.5	51.9 I	126.00	178.29	32.7	541.5
32	2218	1.864	295.11	6549.7 I	10.40	19.39	3.0	54.9 I	104.00	193.86	33.5	575.0
33	2221	1.777	327.69	6877.4 I	11.00	19.55	3.5	58.4 I	106.00	188.36	34.4	609.4
34	2224	2.170	355.23	7232.6 I	8.13	17.64	3.3	61.7 I	110.00	238.70	38.4	647.8
35	2227	2.305	402.75	7635.4 I	6.14	14.15	2.9	64.6 I	118.00	271.99	46.0	693.8
36	2230	2.440	427.05	8062.4 I	8.58	20.94	3.2	67.7 I	116.00	283.04	50.0	743.7
37	2233	2.580	451.80	8514.2 I	8.73	22.52	3.9	71.7 I	120.00	309.60	53.3	797.1
38	2236	3.012	503.28	9017.5 I	9.83	29.61	4.7	76.3 I	128.00	385.54	62.6	859.6
39	2239	3.292	567.36	9584.9 I	9.75	32.10	5.6	81.9 I	208.00	684.74	96.3	956.0
40	2242	3.647	624.51	10209.4 I	9.73	35.49	6.1	88.0 I	184.00	671.05	122.0	1078.0
41	2245	3.612	653.31	10862.7 I	8.83	31.89	6.1	94.0 I	184.00	664.61	120.2	1198.2
42	2248	3.669	655.29	11518.0 I	6.60	24.22	5.0	99.1 I	150.00	550.35	109.3	1307.5
43	2251	3.826	674.55	12192.5 I	7.30	27.93	4.7	103.8 I	152.00	581.55	101.9	1409.4
44	2254	3.689	676.35	12868.9 I	6.23	22.94	4.6	108.4 I	164.00	605.00	106.8	1516.2
45	2257	3.942	686.79	13555.7 I	7.92	31.22	4.9	113.3 I	152.00	599.18	108.4	1624.6
46	2300	3.614	680.04	14235.7 I	5.80	24.58	5.0	119.3 I	128.00	462.59	95.6	1720.1
47	2303	3.573	646.83	14882.5 I	5.06	18.08	3.8	122.1 I	124.00	443.05	81.5	1801.6
48	2306	3.361	624.06	15506.6 I	5.53	18.59	3.3	125.4 I	114.00	383.15	74.4	1876.0
49	2309	3.114	582.75	16089.3 I	6.43	20.02	3.5	128.9 I	114.00	355.00	66.4	1942.4
50	2312	3.015	551.51	16640.9 I	5.59	16.85	3.3	132.2 I	110.00	331.65	61.8	2004.2

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NO.	TIME	FLOW (M3/S)	T*FLOW (M3)	SIG(FLOW) (M3)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)	CONCENT- RATION (MG/L)	LOAD (G/S)	T*LOAD (KG)	SIG(LOAD) (KG)
51	2315	2.818	524.97	17165.9 I	7.28	20.52	3.4	135.6 I	104.00	293.07	56.2	2060.5
52	2318	2.875	512.37	17678.3 I	7.43	21.36	3.8	139.3 I	108.00	310.50	54.3	2114.8
53	2321	2.610	493.65	18171.9 I	6.21	16.21	3.4	142.7 I	102.00	266.22	51.9	2166.7
54	2324	2.791	486.09	18658.0 I	6.96	19.43	3.2	145.9 I	90.00	251.19	46.6	2213.2
55	2327	2.505	476.64	19134.7 I	5.60	14.03	3.0	148.9 I	96.00	240.48	44.3	2257.5
56	2330	2.229	426.06	19560.7 I	5.87	13.08	2.4	151.4 I	110.00	245.19	43.7	2301.2
57	2333	2.155	394.56	19955.3 I	6.56	14.14	2.4	153.8 I	110.00	237.05	43.4	2344.6
58	2336	2.214	393.21	20348.5 I	6.20	13.73	2.5	156.3 I	100.00	221.40	41.3	2385.9
59	2339	2.157	393.39	20741.9 I	7.50	16.18	2.7	159.0 I	84.00	181.19	36.2	2422.1
60	2342	1.907	365.76	21107.6 I	7.95	15.16	2.8	161.8 I	80.00	152.56	30.0	2452.1
61	2345	1.844	337.59	21445.2 I	8.03	14.81	2.7	164.5 I	84.00	154.90	27.7	2479.8
62	2348	1.802	328.14	21773.3 I	7.28	13.12	2.5	167.1 I	96.00	172.99	29.5	2509.3
63	2351	1.652	310.86	22084.2 I	8.14	13.45	2.4	169.4 I	98.00	161.90	30.1	2539.5
64	2354	1.676	299.52	22383.7 I	7.15	11.98	2.3	171.7 I	98.00	164.25	29.4	2568.8
65	2357	1.592	294.12	22677.8 I	6.61	10.52	2.0	173.8 I	86.00	136.91	27.1	2595.9
66	2400	1.540	281.88	22959.7 I	4.88	7.52	1.6	175.4 I	100.00	154.00	26.2	2622.1
67	2403	1.383	263.07	23222.8 I	5.28	7.30	1.3	176.7 I	100.00	138.30	26.3	2648.4
68	2406	1.259	237.78	23460.6 I	4.49	5.65	1.2	177.9 I	96.00	120.86	23.3	2671.7
69	2409	1.267	227.34	23687.9 I	4.75	6.02	1.1	178.9 I	90.00	114.03	21.1	2692.9
70	2412	1.374	237.69	23925.6 I	5.30	7.28	1.2	180.1 I	86.00	118.16	20.9	2713.8
71	2415	1.218	233.28	24158.9 I	6.87	8.37	1.4	181.5 I	70.00	85.26	18.3	2732.1
72	2418	1.245	221.67	24380.5 I	4.28	5.33	1.2	182.8 I	72.00	89.64	15.7	2747.8
73	2421	1.215	221.40	24601.9 I	5.73	6.96	1.1	183.9 I	66.00	80.19	15.3	2763.1
74	2424	1.190	216.45	24818.4 I	5.52	6.57	1.2	185.1 I	80.00	95.20	15.8	2778.9
75	2427	1.132	208.98	25027.4 I	4.93	5.58	1.1	186.2 I	76.00	86.03	16.3	2795.2
76	2430	1.143	204.75	25232.1 I	5.33	6.09	1.1	187.2 I	72.00	82.30	15.1	2810.3
77	2433	1.014	194.13	25426.2 I	4.71	4.78	1.0	188.2 I	84.00	85.18	15.1	2825.4
78	2436	1.005	181.71	25607.9 I	5.48	5.51	0.9	189.1 I	86.00	86.43	15.4	2840.9
79	2439	0.972	177.93	25785.9 I	6.00	5.83	1.0	190.2 I	84.00	81.65	15.1	2856.0
80	2442	0.924	170.64	25956.5 I	4.86	4.49	0.9	191.1 I	80.00	73.92	14.0	2870.0
81	2445	0.899	164.07	26120.6 I	3.81	3.43	0.7	191.8 I	80.00	71.92	13.1	2883.1
82	2448	0.897	161.64	26282.2 I	5.00	4.48	0.7	192.5 I	70.00	62.79	12.1	2895.2
83	2451	0.638	138.15	26420.4 I	4.35	2.78	0.7	193.2 I	80.00	51.04	10.2	2905.5
84	2454	0.636	114.66	26535.0 I	3.43	2.18	0.4	193.6 I	84.00	53.42	9.4	2914.9
85	2457	0.699	120.15	26655.2 I	5.00	3.49	0.5	194.1 I	74.00	51.73	9.5	2924.3