APPENDIX 3. - INDEX

Forms that would be needed for the following case studies described in Appendix 1:

Case Study 1: Withdrawal to simple single user Forms 1 and 9 Input

Case Study 2: Withdrawal to aggregate users Form 2 Worksheet and Forms 3 and 9 Input

Case Study 3: Simple community-water system Forms 6 and 9 Input Case Study 4: Return from simple single user Forms 1 and 9 Input

Case Study 5: Return from aggregate users Form 2 Worksheet and Forms 3 and 9 Input

Case Study 6: Simple community-wastewater system Forms 8 and 9 Input Case Study 7: Simple linked single user Forms 1 and 9 Input Case Study 8: Complex linked single user Forms 1 and 9 Input

Case Study 9: Complex community-water system Forms 4 and 5 Worksheets and Forms 6 and 9

Input

Case Study 10: Complex community-wastewater Forms 4 and 7 Worksheets and Forms 8 and 9

> system Input

Definitions of terms used in the worksheet explanations:

MCD MINOR CIVIL DIVERSION

Domestic Terms

Tpop Total population

CWSpop Population supplied by community-water systems Population that is self supplied, using own wells Sspop

PCU Per capita use

%CWWS Percent of household, population that has community-wastewater systems (sewered)

TDU Total domestic use

CWSDU Community-water system domestic use

SSDU Self-supplied domestic use **TDCU** Total domestic consumptive use

CWWSDU Community-wastewater system domestic use (sewered)

SDDU Self-disposed domestic use (septic systems)

Commercial Terms

S40-49C Coefficient for companies with SIC codes 40 through 49

#ES40-49 Number of employees employed by companies with SIC codes 40 through 49

CCU Commercial consumptive use

CWWSCU Community-wastewater-system commercial use

Self-disposed commercial use SDCU

TCU Total commercial use

CWSCU Community-water-system commercial use

SSCU Self-supplied commercial use

Livestock Terms

DC Dairy coefficient #AD Number of Dairy cows

TLU Total Livestock use (equals livestock withdrawals)

LCU Livestock Consumptive Use TLR Total Livestock returns

Industrial Terms

S15-17C Coefficient for companies with SIC codes 15-17

#ES15-17 Number of employees employed by companies with SIC codes 15 through 17

ICU Industrial consumptive use

TIU Total industrial use

CWWSIU Community-wastewater-system industrial use (sewered)

SDIU Self-disposed industrial use

CWSIU Community-water-system industrial use

SSIU Self-supplied industrial use

Irrigation Terms

SIAC Spray irrigation acres coefficient

#acres Number of acres

TIrU Total Irrigation use (equals Irrigation withdrawals)

IrCU Irrigation Consumptive Use
TIrR Total Irrigation returns

LIST OF FORMS

Form 1: NEWUDS input form for single users

Form 2: Explanation of aggregate users worksheet with formulas and relations for estimating water use by geographic area

Form 2: Worksheet for aggregate users for estimating water use by geographic area

Form 3: NEWUDS input form for aggregate of users

Form 4: Explanation of community system worksheet with formulas and relation for estimating water use by geographic area with more than one distribution or collection system.

Form 4: Worksheet for community systems for estimating water use by geographic area with more than one distribution or collection system.

Form 5: Worksheet for recording and estimating water use by community-water systems

Form 6: NEWUDS input form for community-water systems

Form 7: Worksheet for recording and estimating water use by community-wastewater systems

Form 8: NEWUDS input form for community-wastewater systems

Form 9: NEWUDS input form for transaction/rate data

System ID System Name System Type Use Type NEUse Code code SIC code SIC Code code Owner ID Owner Name Owner Type Contact Name code Phone Mail Line1 Address type code Address ID Street Line1 Mail Line2 Street Line2 State Zip City State Zip City Location Scale Code Location ID Location Name Location Scale State Basin State County MCD HUC code code code code code Location Det Method Latitude Longitude LDM code Site Site Withdrawal Site or Site Site Return Site or Conv Site Site User Site Name Action Conv Action ID ID Type Distribution Name Type ID Type Collection Name ID ID Site Resource Resource Name Site Resource Resource Name ID ID ID ID

Form 1. NEWUDS Input Form for Single Users

Appendix 3_Form 1. NEWUDS input form for single users.

Form 2. Explanation of Aggregate of Users Worksheet

Area Name		Year	
Domestic			
		Total Domestic	
Total Population	Трор	use	TDU = Tpop x PCU
Community			
Water System	CWSpop	Domestic CWS	CWSDU = %CWS x TDU
Self Supply	Sspop = Tpop - CWSpop	Domestic SS	SSDU = TDU - CWSDU
Percent on CWS	%CWS =CWSpop/Tpop	Con Use	TDCU = TDU x 0.15
Per capita use	PCU	Domestic CWWS	CWWSDU = (TDU – TDCU) x %CWWS
	. 55		SDDU = TDU – TDCU -
Percent CWWS	%CWWS	Domestic SD	CWWSDU
Est SW	Est A1 %A1Pop	Est A2 %A2Pop	A3 %A3Pop
0.00	SSDU x %A1Pop	SSDU x %A2Pop	SSDU x %A3Pop
Commercial			
	IWRMAIN Coefficient	Number of	Estimated Use
SIC group	(gal/day/employee)	employees	(Mgal/d)
40-49	S40-49C = 51	#ES40-49	S40-49C x #ES40-49/1000000
50-59	S50-59C = 58	#ES50-59	S50-59C x #ES50-59/1000000
60-67	S60-67C = 71	#ES60-67	S60-67C x #ES60-67/1000000
70-89	S70-89C = 106	#ES70-89	S70-89C x #ES70-89/1000000
91-92	S91-92C = 71	#ES91-92	S91-92C x #ES91-92/1000000
Consumptv Use	CCU = TCU x 0.1	Total Use	TCU = Σ SC x #ES
Estimated CWWS	CWWSCU =(TCU - CCU) %CWWS	Estimated CWS	CWSCU = TCU x %CWS
Estimated SD	SDCU = TCU – CCU - CWWSCU	Estimated SS	SSCU = TCU - CWSCU
Est SW %SW	Est A1 %A1	Est A2 %A2	A3 %A3
SSCU x %SW	SSCU x %A1	SSCU x %A2	SSCU x %A3

Livestock			
Animal Group	Coefficient (gal/day/an)	Number of animals	Estimated Use (Mgal/d)
Dairy	DC = 30	#AD	DC x #AD / 1000000
Cattle	cc = 20	#AC	CC x #AC / 1000000
Pigs	PC = 5	#AP	PC x x#AP / 1000000
Sheep	SC = 5	#AS	SC x #AS / 1000000
Chickens	ChC = 0.01	#ACh	ChC x #Ach / 1000000
		Total use	TLU = Σ AC x #A
Consumptive Use	LCU = TLU x	<mark>0.5</mark> Return	TLR = TLU - LCU
Estimated SW %SW	Est A1 %A1	Est A2 %A2	A3 %A3
TLU x %SW	TLU x %A1	TLU x %A2	TLU x %A3

Appendix 3_Form 2a. Explanation of aggregate of users worksheet with formulas and relations for estimating water use by geographic area. [SW, Surface water; A1, Crystalline-rock Aquifers; A2, Glacial Deposit Aquifers; A3, NE Sandstone-rock Aquifers]

Form 2. Explanation of Aggregate of Users Worksheet

Industrial

SIC group	IWRMAIN Coefficient	Number of employees	Estimated Use
15-17	S15-17C = 35	#ES15-17	S15-17C x #ES15-17
20	S20C = 469	#ES20	S20C x #ES20
21	S21C = 0	#ES21	S21C x #ES21
22	S22C = 315	#ES22	S22C x #ES22
23	S23C = 13	#ES23	S23C x #ES23
24	S24C = 78	#ES24	S24C x #ES24
25	S25C = 30	#ES25	S25C x #ES25
26	S26C = 863	#ES26	S26C x #ES26
27	S27C = 42	#ES27	S27C x #ES27
28	S28C = 289	#ES28	S28C x #ES28
29	S29C = 1045	#ES29	S29C x #ES29
30	S30C = 119	#ES30	S30C x #ES30
31	S31C = 148	#ES31	S31C x #ES31
32	S32C = 202	#ES32	S32C x #ES32
33	S33C = 178	#ES33	S33C x #ES33
34	S34C = 95	#ES34	S34C x #ES34
35	S35C = 58	#ES35	S35C x #ES35
36	S36C = 71	#ES36	S36C x #ES36
37	S37C = 63	#ES37	S37C x #ES37
38	S38C = 66	#ES38	S38C x #ES38
39	S39C = 36	#ES39	S39C x #ES39
Consumptive Use		Total use	TIU = Σ SC x #ES
Estimated CWWS	CWWSIU = (TIU – ICU) x %CWWS SDIU = TIU – ICU -	Estimated CWS	CWSIU = TIU x %CWS
Estimated SD	CWWSIU	Estimated SS	SSIU = TIU - CWSIU
Est SW %SW	Est A1 %A1	Est A2 %A2	A3 %A3
TIU x %SW	TIU x %A1	TIU x %A2	TIU x %A3

Irrigation			
Irrigation type	Coefficient (inches/acre)	Number of acres	Estimated Use
Spray	SIAC	#acres	SIAC x #acres
Drip	DIAC	#acres	DIAC x #acres
Furrow	FIAC	#acres	FIAC x #acres
		_Total Use	TIrU = Σ (SDF)IAC x #acres
Consumptive Us	se TirCU = TirU x 0.9	Return	TIrR = TIrU - TIrCU
Est SW %SW	Est A1 %A1	Est A2 %A2	A3 <mark>%A3</mark>
TIrU x %SW	TIrU x %A1	TIrU x %A2	TIrU x %A3

Appendix 3_Form 2a. Explanation of aggregate of users worksheet with formulas and relations for estimating water use by geographic area. [SW, Surface water; A1, Crystalline-rock Aquifers; A2, Glacial Deposit Aquifers; A3, NE Sandstone-rock Aquifers] --Continued

Form 2. Aggregate of Users Worksheet

Area Name		Year	
Domestic		_	
Total Population		Total Domestic use	
Community Water System		Domestic CWS	
Self Supply		Domestic SS	
Percent on CWS		Con Use	
Per capita use		Domestic CWWS	
Percent CWWS		Domestic SD	
Est SW	Est A1	Est A2	A3

Commercial			
	IWRMAIN Coefficient		Estimated Use
SIC group	(gal/day/employee)	Number of employees	(Mgal/d)
40-49	51		
50-59	58		
60-67	71		
70-89	106		
91-92	71		
Consumptive Use		Total Use	
Estimated CWWS		Estimated CWS	
Estimated SD		Estimated SS	
Est SW	Est A1	Est A2	A3

Livestock			
	Coefficient		Estimated Use
Animal Group	(gal/day/an)	Number of animals	(Mgal/d)
Dairy	30		
Cattle	20		
Pigs	5		
Sheep	5		
Chickens	0.01		
		Total use	
Consumptive Use		Return	
Estimated SW	Est A1	Est A2	A3

Appendix 3_Form 2b. Worksheet for aggregate of users for estimating water use by geographic area. [SW, Surface water; A1, Crystalline-rock Aquifers; A2, Glacial Deposit Aquifers; A3, NE Sandstone-rock Aquifers]

Form 2. Aggregate of Users Worksheet

Industrial Number of employees Estimated Use SIC group **IWRMAIN Coefficient** 15-17 Consumptive Use Total use Estimated CWWS Estimated CWS Estimated SD Estimated SS Est SW Est A1 Est A2 А3

Irrigation			
Irrigation type	Coefficient (inches/acre)	Number of acres	Estimated Use
Spray			
Drip			
Furrow			
		Total Use	
Consumptive Use		Return	
Est SW	Est A1	Est A2	A3
]	

Appendix 3_Form 2b. Worksheet for aggregate of users for estimating water use by geographic area. [SW, Surface water; A1, Crystallinerock Aquifers; A2, Glacial Deposit Aquifers; A3, NE Sandstone-rock Aquifers]--Continued

Form 3. NEWUDS Input Form for Aggregate of Users

System ID				System Name			
•			'	System Type code			,
Location ID			1	Location Name		-]
2004.102			1			Loc Scale	
		1	Location Determin	ation Method Code		Code	2
State		County			CO Code		
State code		MCD		J	MCD code	:	J
					Resource		
Site ID	Use Code	Site Type	General Ground-water V			Resource Name	Э
	78						
	78						
	78	3 1					
Site ID	Use	Site Type	Local Distribution Syster	m]		
	60	12]		
	60	12]		
	60	12					
	60	12				_	
Site ID	Use	Site Type	User	From Sites	To Sites		
	67		DOM				
	79		СОМ]	
	80	24	IND			[
	1		IRR				
	81	•	LVS				
		24]	
Site ID	Use	Site Type	Local Collection System]		
	61	14]		
	61	14					
	61	14					
0.1. 1D		O'' - T	0		Resource		
Site ID			General Ground-water F	Returns	ID	Resource Name	<u> </u>
	78		1				
	78						
	78	5					
		T_	Т	<u> </u>	T	1_	
From Site ID	To Site ID	Conveyance	Action	From Site ID		Conveyance ID	Action
FIOIII SILE ID	ווט אופ וע	טו	Action	FIUII SILE ID	וון אופ ור		Action
	+						
	+						
	+						
	<u>-</u>						

Appendix 3_Form 3. NEWUDS input form for aggregate of users.

Appendix 3: Worksheets and Input Forms 351

Form 4. Explanation of Community System Worksheet for Geographic Areas with More Than One Distribution or **Collection System**

MCD Name				Year		
Domestic						
		Domestic withdrawals and deliveries	Domestic Consumptiv e Use	Disposal	Population	Domestic Releases and Returns
Total for MCD	Трор	TDU = from Form 2	TDCU= from Form 2	Total for MCD	Трор	TDR = TDU-TDCU
Community Water System		CWSDU = CWSpop*PCU/1000000	CWSDCU=	Community Wastewater System	CWWSpop	CWWSDR = TDR*%CWWS
CWS1		CWS1DU = CWS1pop*PCU/1000000	CWS1DCU = CWS1DU*0.15	CWWS1	CWWS1pop	CWWS1DR = CWWSDR*(CWWS1pop/CWWSpop)
CWS2		CWS2DU = CWS2pop*PCU/1000000	CWS2DCU = CWS2DU*0.15			CWWS2DR = CWWSDR*(CWWS2pop/CWWSpop)
CWS3		CWS3DU = CWS3pop*PCU/1000000	CWS3DCU = CWS3DU*0.15			CWWS3DR = CWWSDR*(CWWS3pop/CWWSpop)
	%CWS = CWSpop/Tpop				%CWWS = CWWSpop/Tpop	
Per capita use	PCU					

Appendix 3_Form 4a. Explanation of community system worksheet with formulas and relation for estimating water use by geographic area with more than one distribution or collection system.

Form 4. Explanation Collection System	of Community System Worksheet for Go	eographic Are	eas with More Than	One Distribution or
MCD Name		Year		

Commercial							
	% of land				% of land use		
	use area in		Commercial		area in		
	Distribution	Total Commercial withdrawals and	Consumptive		Collection	Commercial Returns and	
	System	deliveries	Use		System	Releases	
		TCU =	CCU =			TDDR =	
Total for MCD	1.00	from Form 2	from Form 2	Total for MCD	1.00	TCU-CCU	
		CWSCU =	CWSCCU =			CWWSCU =	
Community Water System	%CLUCWS	from Form 2	from Form 2	Community WW System	%CLUCWWS	from Form 2	
						CWWS1CU =	
		CWS1CU =	CWS1CCU =			CWWSCU *	
CWS1	%CLUCWS1	CWSCU * (%CLUCWS1/(%CLUCWS)	CWS1CU * 0.10	CWWS1	%CLUCWWS1	(%CLUCWWS1/(%CLUCWWS)	
						CWWS2CU =	
		CWS2CU =	CWS2CCU =			CWWSCU *	
PS2	%CLUCWS2	CWSCU * (%CLUCWS2/(%CLUCWS)	CWS2CU * 0.10	CWWS2	%CLUCWWS2	(%CLUCWWS2/(%CLUCWWS)	
						CWWS3CU =	
		CWS3CU =	CWS3CCU =			CWWSCU *	
PS3	%CLUCWS3	CWSCU * (%CLUCWS3/(%CLUCWS)	CWS3CU * 0.10	CWWS3	%CLUCWWS3	(%CLUCWWS3/(%CLUCWWS)	

Industrial						
	% of land				% of land use	
	use area in		Industrial		area in	
	Distribution	Total Industrial withdrawals and	Consumptive		Collection	Industrial Returns and
	System	deliveries	Use		System	Releases
		TIU =	ICU =			TIR =
Total for MCD	1.00	from Form 2	from Form 2	Total for MCD	1.00	TIU-ICU
		CWSIU =	CWSICU =			CWWSIU =
Community Water System	%ILUCWS	from Form 2	from Form 2	Community WW System	%ILUCWWS	from Form 2
						CWWS1IU =
		CWS1IU =	CWS1ICU =			CWWSIU *
CWS1	%ILUCWS1	CWSIU * (%ILUCWS1/(%ILUCWS)	CWS1IU * 0.10	CWWS1	%ILUCWWS1	(%ILUCWWS1/(%ILUCWWS)
						CWWS2IU =
		CWS2IU =	CWS2ICU =			CWWSIU *
CWS2	%ILUCWS2	CWSIU * (%ILUCWS2/(%ILUCWS)	CWS2IU * 0.10	CWWS2	%ILUCWWS2	(%ILUCWWS2/(%ILUCWWS)
						CWWS3CU =
		CWS3IU =	CWS3ICU =			CWWSIU *
CWS3	%ILUCWS3	CWSIU * (%ILUCWS3/(%ILUCWS)	CWS3IU * 0.10	CWWS3	%ILUCWWS3	(%ILUCWWS3/(%ILUCWWS)

Appendix 3_Form 4a. Explanation of community system worksheet with formulas and relation for estimating water use by geographic area with more than one distribution or collection system --Continued.

Form 4. Community System Worksheet for Geographic Areas with More Than One Distribution or Collection System

MCD Name					Year			
Domestic								
	,	Domestic withdrawals and		estic umptive				Domestic Releases
Supply	Population	deliveries	Use	·	Dispo	osal	Populat	ion and Returns
Total for MCD					Total	for MCD		
Community Water System					Comn	nunity Wastewater Syst	em	
CWS1						CWW	'S1	
CWS2						CWW	'S2	
CWS3						CWW	'S3	
Percent on PS					Perce	nt on CWWS		
Per capita use								
MCD Name				Year				
Commercial								
	% of land	Total					% of land use area	
	use area in	Commercia	al	Comme	rcial		in	Commercial
	Distribution	withdrawal	s and	Consun	nptive		Collection	Returns and
	System	deliveries		Use			System	Releases
Total for MCD	1.00					Total for MCD	1.00	
Community Water System						Community WW Syster	n	
CWS1						CWWS1		

CWWS2

CWWS3

PS2

PS3

Form 4. Community System Worksheet for Geographic Areas with More Than One Distribution or Collection System

Industrial						
					% of land	
	% of land				use area	
	use area in	Total Industrial	Industrial		in	Industrial
	Distribution	withdrawals and	Consumptive		Collection	Returns and
	System	deliveries	Use		System	Releases
Total for MCD	1.00			Total for MCD	1.00	
Community Water System				Community WW System		
CWS1				CWWS1		
CWS2				CWWS2		
CWS3				CWWS3		

Appendix 3_Form 4b Worksheet for community systems for estimating water use by geographic area with more than one distribution or collection system--Continued.

		Form 5. Commun	iity-Water Sy	<u>stem Work</u>	sheet		_	
Community-Wa	ater System Na	ame			Year			
Population Ser	ved			Per Capita				
Withdrawals t	o Regional Di	stribution System						
Resource Transfers	Rate	Withdrawal Points	Withdrawal Rate	Treatment Plant	Treatment Plant Deliveries	Primary Reg Distribution System	Deliveries	Primary Regional Unaccount

From Regional/Loc	cal Distributi	on to Users						
Secondary Regional Distribution System	Deliveries	Local Distribution System	Total Deliveries	Domestic	Commercial		Local Distribution System Unaccount	Secondary Regional Unaccount
Bloth Butlett Gyotom	2011/01/00	Local Blothbation Cyclonic	2011/01/00	2011100410	Commorata	madoman	Chaocoant	Gridoodarie

Appendix 3_Form 5. Worksheet for recording and estimating water use by community-water systems.

Form 6. NEWUDS Input Form for Community-Water Systems

			_					<u>_</u>			_		_	
System	ID		System Name)				System Type	com w	ater sys	Use	9	Use code	60
			_					_ ST code	1	1	_			
Owner	ID		Owner Name)				Owner Type				Contact Name	:	
			_					OT code				Phone	;	
Address	s ID		Mail Line1					Street Line1				Address	type code	;
			Mail Line2	2				Street Line2	2				_	
		City		State	,	Zip		City	,		State		Zip)
Location	n ID		Location Name	,				Location Scale				LS Code		
		State		County			MCD)	HUC			State Basin		
		ST code		C code	,	MCE	code		code			SB code		
		Latitude		L	ongitude			Location Determin	Method	t		LDM Code		
				_				_				_		-
						Site	Site	Treatment Plant	Conv		Site		Regional	Distributior
Site ID	Site Type	Withdrav	wal Site Name	Conv ID	Action	ID	Туре	Site Name	ID	Action	ID	Site Type	System Si	
								Location				•	<u> </u>	
							Site		Scale	State	СО	MCD	Latitude	Longitude
							Oile	LDIVI	Ocaic	Otate		WIOD	Latitude	Longitude
						-								
						1					1			
Cita ID	D 10	D	- Nama			J							 	
Site ID	Resource ID	Resourc	e ivame	1						-			-	
				1									-	
				1						-				

Appendix 3_Form 6. NEWUDS input form for community-water systems.

Appendix 3: Worksheets and Input Forms 357

Form 6. NEWUDS Input Form for Community-Water Systems

Syste	m ID	System Nam	e									
											(Wastewater)	
Site ID	Site Type	Local Distribution System Site Name	Conv ID	Action	Site ID	Site Type	User Site Name	Conv ID	Action	Site ID	Site Type	Local Collection or Return Site Name
										Site ID	Resource ID	Resource Name
]			11000010011	recedited Harrie
								1				
		<u> </u>						-				
Site	Year	Population Served										
<u> </u>												
								1				

Appendix 3_Form 6. NEWUDS input form for community-water systems--Continued.

	Form	7. Commu	nity-waste	water Systen	ns worksne	e <u>et</u>		
Community-wastewater system	Name				Year			
Population Served				Per Capita				
From Users to Local/Regional	Collection							
Local Collection System	Domestic	Releases by Commercial Users	Releases by Industrial	Total Releases from all Users to Local System		Local Collection System Inflow & Infiltration	Total Deliveries from Regional System	Regional Collection System Inflow & Infiltration
							 	
							_	
							1	
	ı	l		•				L
From Collection System to Re	turns							
Wastewater Treatment Plant		Discharge Pipes	Discharge Rate	Resource				
							+	
							1	

Appendix 3_Form 7. Worksheet for recording and estimating water use by community-wastewater systems.

Form 8. NEWUDS Input Form for Community-Wastewater Systems System ID System Name System Type pub wastewater Use Use code ST code Owner Name Owner Type Contact Name Owner ID OT code Phone Mail Line1 Address type code Address ID Street Line1 Mail Line2 Street Line2 Zip State City State City Zip LS Code Location ID Location Name Location Scale County MCD HUC State State Basin C code MCD code SB code ST code code LDM Code Latitude Longitude Location Determin Method Local Collection Conv Regional Collection Site Site Site Site ID Type Conv ID Action ID User Site Name Type Site Name Site ID Site Type System Site Name Action Location LDM Scale MCD Site State CO Latitude Longitude

Appendix 3_Form 8. NEWUDS input form for community-wastewater systems.

Form 8. NEWUDS Input Form for Community-Wastewater Systems

System	ID	System Name	Э									
											(Freshwater)
Site ID	Site Type	Treatment Plant Site Name	Conv ID	Action	Site ID	Site Type	Discharge Pipe Site Name	Conv ID	Action	Site ID	Site Type	Local Distribution or Withdrawal Site Name
										Site ID	Resource ID	Resource Name
										•		
					Site ID	Resource ID	Resource Name					
Site	Year	Population Served										
								1				
								1				
					1			1				
								1				

Appendix 3_Form 8. NEWUDS input form for community-wastewater systems--Continued.

Form 9. NEWUDS Transaction/Rate Data Input Form

Staff			Staff ID			_		_		
Data Source			Owner			Owner ID		Data Sour	ce ID	
Rate Method					RM ID					
Rate Method					RM ID					
Rate Unit		Rate Unit ID			4					
_		_		_						_
Conveyance	Transaction	Time	Begin				Data	Rate	Raw Rate	Rate Unit
ID	ID	Interval ID	Date	End Date	Rate ID	Staff ID	Source ID	Method ID	Value	ID