West Boise	Calculation								
Hu =	Upstream	Hardness							
Qu =	Upstream	flow							
He =	Effluent	hardness							
Qe =		flow							
	Hardness of	the blend of	upstream w	ater and effl	uent				
	n of receiving								
This calcula	tion is used w	hen the stat	e has desigr	nated a mixir	ng zone. In t	his case, ca	culate hardn	ess	
	llowing equat		<u>-</u>		3 -				
3	3 - 1	_							
		Hmix =	(MF*QuHu -	- QeHe)/(MF	*Qu+Qe)				
			(****	2,2112,71(1111					
Use Hmix to	calculate crit	eria							
000111111111111111111111111111111111111	odiodiato orit	ona							
Apply criter	ia at edge o	f mixing zon	hack-calcu	ilate effluent	limite consid	lerina dilutio	n and backgro	nund concen	trations
Apply Citter	ia at euge o	THIXING ZON	, back-carce	nate emdent	IIIIIII COIISIC	Jernig allatic	ir and backgro	Julia Conceri	irations
Entire Data	Set							+	
Data								+	
Hardness at	the edge of	the mixina z	one					1	
i iai airess at	The cage of	THE THINING Z	OI IC						
Summer	Apr - Sept								
Juninel	- Դեր - Դեր <u>լ</u>							-	
		N 415	11	0	11-	0-	I I and to a		
		MF	Hu	Qu	He	Qe	Hmix		
1010		0.05	00	07.4	400	07.4	0.4		
1Q10		0.25		67.4	106		81		
7Q10		0.25	26	106	106	37.1	73		
100									
Winter	Oct - Mar								
		MF	Hu	Qu	He	Qe	Hmix		
1Q10		0.25	36	69.3	108		85		
7Q10		0.25	36	75	108	37.1	84		
New Data O	nly								
Hardness at	the edge of	the mixing z	one						
	-								
Summer	Apr - Sept								
	-						New Data Onl	y	Entire data set
		MF	Hu	Qu	He	Qe	Hmix		
									Hmix
1Q10	109	0.25	33	67.4	108	37.1	85	1	81
7Q10	170			106	108				73
7 4 10	170	0.20		100	100	07.11			, 0
								+	
Winter	Oct - Mar					1		+	
	Jos Iviai					1	New Data only	!	Entire data set
		MF	Hu	Qu	He	Qe	Hmix	1	Hmix
		1411	1 10	Qu	116	QC.	1 11111/	+	1 11111/
1Q10		0.25	39	69.3	126	37.1	98		85
7Q10		0.25		75					84
		∪.∠5	J 39	/ D	1∠0	37.1	J 97		l 64