Hardness Unknown Data Sheet

Volunteer (School) Group:		Test Date:	/ /
Hardness Unknown Batch #:			
Remember: Hardness titration is a s	slow process, go drop by	drop!	
<u>Test 1:</u>			
Amount of Hardness Unknown used:			mLs
2. Did solution turn violet when you added the a	mmonia buffer & EBT indicator?	☐ Yes	□ No
3. Titrate from violet to royal blue.			
This is the endpoint of titration. Read burette	carefully!		
4. Record the mLof EDTA you added.			mL EDTA
 Multiply mLs of EDTA used by 20. CaCO₃ 	(mLs EDTA used) x 20 =	=	mg/L
Comments			
Volunteer Signature:	Date red	orded	

Hardness Unknown Data Sheet

Volunteer (School) Group:	Test Date: / /
dardness Unknown Batch #:	
Remember: Hardness titration is a slow	v process, go drop by drop!
Test 2:	
. Amount of Hardness Unknown used:	mLs
. Did solution turn violet when you added the amme	onia buffer & EBT indicator? Yes No
. Titrate from violet to royal blue.	
his is the endpoint of titration. Read burette care	efully!
I. Record the mL of EDTA you added.	mL EDTA
5. Multiply mLs of EDTA used by 20 .	(mLs EDTA used) x 20 = mg/L CaCO ₃
/olunteer Signature:	Date recorded
erage the 2 test results:	
st 1 result: Test 2 result:	Average:
rdness Unknown True Value (to be completed by	RW Staff)mg/L CaCO3
	Percent Recovery%

River Watch SOP 3.3 Hardness Unknown Data Sheet July 2021

Entered/Validated by RW staff: ______ Date:___