

for Violin, Cello, Double Bass

Bodies of Water
in
Three Movements

Julie McCarthy

Bodies of Water in Three Movements

Ripples, Waves, Streams

Performance Notes For Bodies of Water

Ripples is originally an idea that was supposed to mimic the effects of a water dropping into a body of water echoing and vibrating carelessly into various *Waves*. Eventually these waves form *Streams* where each “wave” of ideas converge and transform.

Ripples (first movement) began with various themes such as “droplets” when the strings staccato a triplet which glissando to the Bartok pizzicato. Each motive was created to lead to these “droplets”. The *waves* (second movement) are represented as tuplets. Each tuplet gets larger every time. Starting with duplets, triplets, quadruplets, and then accumulates to quintuplets. These tuplets are organized in a pyramid like format. For example, we have duplets that then is repeated once more except with triplets. Then this motif is repeated again with both duplets and triplets and additionally has quadruplets. *Streams* (third movement) is created where one idea develops and transforms as one idea subsides and another idea rises to the surface.

When I began writing this piece my goal was to create one composition. When I began sketching the music I realized, in my lessons with Dr. Kirchoff, how my music actually represented three movements. I wanted my ideas to grow slightly larger each time and I felt that Ripples, Waves, and Streams explained the best concepts of what I was going for.

Credits:

Thank you so much **Dr. Kirchoff** for being so helpful through my process of composing this piece. Your suggestions have taught me so much about how I can improve my own compositions for the present and for the future. It was a skill that I didn't think I would develop until perhaps a year later. You helped me prove that the impossible is in fact possible if you put your mind to it.

Thank you for **Oren Boneh** for your suggestions in composition seminar and opening up my eyes to “natural” sounds that can be imitated by music itself. Thank you **Nathan Cornelius** for the inspiration of the pyramid-like format. I never thought atonal music would have such structure involved and it helped me learn the various possibilities that we can create inside our own music. Thank you **Jasper Schmich-Kinney** for solving all my various Sibelius issues with all your knowledge of keyboard shortcuts and also for your recommendations of music. Thank you **Katerina Therianos** for being so supportive and such a mentor to me as a young composer. Thank you **Claire He** for introducing me to the various methods of Chinese music and culture! I hope to be writing with more Chinese influences in the nearby future. Thank you **CJ Garcia** for helping me with the posters in composition seminar by e-mailing me back and forth when you were in the UK. Thank you to **Sarah Perske** in composition seminar for being so open and accepting to the only freshmen in the composition department.

1. Ripples

For String Trio

Nostalgic, ♩ = 69

Julie McCarthy

Violin: *p* (measures 1-2), *mf* (measures 3-4)

Violoncello: *mf* (measures 3-4), *mf* (measures 5-6)

Double Bass: *mf* (measures 3-4), *mf* (measures 5-6)

Violin: *gliss.*, *ff* (measures 3-4), *mf* (measures 5-8)

Violoncello: *ff* (measures 3-4), *mf* (measures 5-8)

Double Bass: *mf* (measures 3-4), *mf* (measures 5-8)

rit.

A

Violin: *mf* (measures 9-12)

Violoncello: *mf* (measures 9-12)

Double Bass: *mf* (measures 9-12)

14

ff

18

Hold finger on A position without stop

Hold finger on D without sound.

mf

f

22

B

f

mf

mf

f

mf

pizz.

pizz.

mf *f* *mf*

27 , arco.

ff *fff* *mf* *p* *pp* *ff*

mf *ff*

mf *ff*

gliss. *gliss.* *gliss.*

32 C ♩ = 69

p *mf*

mf *ff*

mf *ff*

37

mf *ff*

mf *ff*

mf *ff*

4 43

D

Musical score for measures 43-49. The score is written for three staves: Treble, Bass, and a lower Bass staff. Measure 43 is marked with a '4' above it. Measures 43-45 show triplet patterns in the Treble and Bass staves. A 'D' in a box is above measure 45. The lower Bass staff has a '3' above it. Measures 46-49 show a sequence of chords and moving lines in all staves.

50

Musical score for measures 50-54. The score is written for three staves: Treble, Bass, and a lower Bass staff. Measure 50 is marked with a '50' above it. Measures 50-52 show chords in the Treble and Bass staves. Measure 53 has a '3' above it. Measures 53-54 show dynamic markings: *f*, *p*, *ff*, and *sfz*. Glissando markings (*gliss.*) are present in measures 53 and 54.

2. Waves

Gently Drifting ♩ = 80

Musical score for measures 1-5. The score is in 4/4 time and consists of three staves: Treble, Bass, and Bass. Measure 1 is in 4/4 time with a *mf* dynamic. Measure 2 is in 4/4 time with a *p* dynamic. Measure 3 is in 3/4 time. Measure 4 is in 4/4 time with a *ff* dynamic. Measure 5 is in 3/4 time with a *ff* dynamic. The Treble staff contains a melody with a crescendo leading to *ff*. The Bass staff contains a simple accompaniment with a *p* dynamic.

Musical score for measures 6-9, marked with a box 'A' and a measure number '6'. The score is in 3/4 time and consists of three staves: Treble, Bass, and Bass. Measure 6 is in 3/4 time with a *f* dynamic. Measure 7 is in 3/4 time with a *mf* dynamic. Measure 8 is in 3/4 time with a *mf* dynamic. Measure 9 is in 4/4 time with a *p* dynamic. The Treble staff contains a melody with a *f* dynamic. The Bass staff contains a simple accompaniment with a *mf* dynamic.

Musical score for measures 10-13. The score is in 4/4 time and consists of three staves: Treble, Bass, and Bass. Measure 10 is in 4/4 time with a *mf* dynamic. Measure 11 is in 4/4 time with a *mf* dynamic. Measure 12 is in 4/4 time with a *mf* dynamic. Measure 13 is in 4/4 time with a *p* dynamic. The Treble staff contains a melody with a *mf* dynamic. The Bass staff contains a simple accompaniment with a *mf* dynamic.

13

p

f

Trills and triplets are indicated in measures 13, 14, and 15.

16

B

mf

pp

pp

19

mf \rightarrow *p*

p \leftarrow *f*

mf

p

p

Trills and triplets are indicated in measures 19, 20, and 21.

22

Musical score for measures 22-26. The score is written for three staves: Treble, Bass, and Bass. The music features triplets in the Treble and Bass staves. Dynamic markings include *mf* and *f*. The time signature changes from 2/4 to 2/4.

27

Musical score for measures 27-31. The score is written for three staves: Treble, Bass, and Bass. The music includes dynamic markings *mf* and *f*. Performance instructions include *pizz.* and *arco*. The time signature is 2/4.

32

Musical score for measures 32-35. The score is written for three staves: Treble, Bass, and Bass. The music includes dynamic markings *mp* and *f*. A section marker **C** is present above the Treble staff. The time signature is 2/4.

37

mf *p*

p *f*

Musical score for measures 37-41. The system consists of three staves. The top staff is in treble clef, and the bottom two are in bass clef. The key signature has one flat (B-flat). The time signature is 4/4. Measure 37 starts with a treble clef staff containing a quarter note G4, followed by eighth notes A4-Bb4-C5, and a quarter rest. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 38 continues with similar patterns. Measure 39 features a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 40 has a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 41 ends with a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest.

42

p

mf

mf

Musical score for measures 42-46. The system consists of three staves. The top staff is in treble clef, and the bottom two are in bass clef. The key signature has one flat (B-flat). The time signature is 8/4. Measure 42 starts with a treble clef staff containing a quarter note G4, followed by eighth notes A4-Bb4-C5, and a quarter rest. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 43 continues with similar patterns. Measure 44 features a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 45 has a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 46 ends with a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest.

47

mf *f*

p

p

Musical score for measures 47-50. The system consists of three staves. The top staff is in treble clef, and the bottom two are in bass clef. The key signature has one flat (B-flat). The time signature is 2/4. Measure 47 starts with a treble clef staff containing a quarter note G4, followed by eighth notes A4-Bb4-C5, and a quarter rest. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 48 continues with similar patterns. Measure 49 features a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. Measure 50 ends with a treble clef staff with a half note G4, a half note A4, and a half note Bb4. The bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest. The lower bass clef staff has a quarter note G2, followed by quarter notes A2-Bb2-C3, and a quarter rest.

51

pizz. arco *mf* pizz. *mf* *f* *p*

56

arco *mf* *f* *p* *ff* *ff*

61

mf *p*

65

The image shows a musical score for two systems. Each system consists of three staves. The top staff uses a treble clef and contains two chords, one in the first measure and one in the second measure, connected by a slur. The middle and bottom staves of each system contain rests. The number '65' is written above the first measure of the top staff.

3. Streams

Majestic, ♩ = 66

as if tuning A string and then D String

♩ = 60

Musical score for measures 1-6. The score is in 4/4 time. The first system (measures 1-3) has a tempo of ♩ = 66. The second system (measures 4-6) has a tempo of ♩ = 60. The notation includes a treble clef, a bass clef, and a double bass clef. The treble clef part has a series of chords with upward and downward arrows above them. The bass clef part has a melodic line with a slur and a fermata. The double bass clef part has a rhythmic pattern of eighth notes. Dynamics include *mf*, *p*, *f*, *mf*, *ff*, and *p*.

A

Musical score for measures 7-11. The score is in 4/4 time. The notation includes a treble clef, a bass clef, and a double bass clef. The treble clef part has a series of chords. The bass clef part has a melodic line with a slur and a fermata. The double bass clef part has a rhythmic pattern of eighth notes. Dynamics include *mf*, *f*, and *mp*.

12

Musical score for measures 12-14. The score is in 4/4 time. The notation includes a treble clef, a bass clef, and a double bass clef. The treble clef part has a series of chords with triplets. The bass clef part has a melodic line with a slur and a fermata. The double bass clef part has a rhythmic pattern of eighth notes. Dynamics include *mf*, *sfz*, and *f*.

Slide up and down glissando as exaggerated as notated

15

mf *f*

f *fff*

f *ff*

Violin

Cello

DB *p*

B

19

mp

mp *mf*

mf *mp* *mf*

24

f *mf*

f *ff* *mf*

f *ff* *mf* *pizz.3*

28

p

mf *f* *mf f sempre* arco

3

33

p

f *mf* *f* *mf* *f*

3

36

ff *fff*

mf *f* *mf* *f* *mf* *f*

14³⁸

Musical score for measures 38-40. The score is written for three staves: Treble, Bass, and Bass. Measure 38 features a treble staff with a 7-fingered chord and a 5-fingered chord, both marked *sfz*. The bass staff has a half note marked *mf*. Measure 39 features a treble staff with a half note marked *p* and a bass staff with a half note marked *ff*. Measure 40 features a treble staff with a half note marked *p* and a bass staff with a half note marked *ppp*. Dynamics are indicated by wedges showing crescendos and decrescendos.

Musical score for measures 41-43. The score is written for three staves: Treble, Bass, and Bass. Measure 41 features a treble staff with a half note marked *fff* and a bass staff with a half note marked *gliss.*. Measure 42 features a treble staff with a half note marked *gliss.* and a bass staff with a half note marked *gliss.*. Measure 43 features a treble staff with a half note marked *mf* and a bass staff with a half note marked *mf*. Measure 44 features a treble staff with a half note marked *ff* and a bass staff with a half note marked *ff*. Measure 45 features a treble staff with a half note marked *p* and a bass staff with a half note marked *p*. Dynamics are indicated by wedges showing crescendos and decrescendos.