

## **Appendix C    Full Benthic Macroinvertebrate Data**

FULL BENTHIC MACROINVERTEBRATE DATA - Collected at South Brooklyn Marine Terminal  
 Individuals collected from 3 x 0.1 meter-squared VanVeen grabs taken July 2020

Taxa/species	1	2	3	4	5	6	7	8	Ref 1	Ref 2
ANNELIDS										
<i>Alitta succinea</i>	0	0	1	4	1	1	1	11	1	0
<i>Ampharete oculata</i>	0	0	2	0	0	0	1	0	1	0
<i>Amphitrite ornata</i>	0	0	0	1	0	0	0	0	0	0
<i>Capitella capitata</i>	0	0	0	0	0	0	0	1	0	0
Cirratulidae sp.	0	3	3	1	2	9	0	0	0	1
<i>Cossura</i> sp.	0	0	21	9	0	2	0	4	0	5
<i>Diopatra cuprea</i>	0	0	5	11	2	1	0	1	0	0
<i>Dipolydora socialis</i>	0	0	1	0	0	0	0	0	0	0
<i>Eumida sanguinea</i>	0	0	0	0	9	3	0	2	0	0
<i>Exogone dispar</i>	0	0	0	1	0	0	0	0	0	0
<i>Fabricia stellaris</i>	0	0	0	0	0	0	0	1	0	0
<i>Glycera americana</i>	0	1	8	1	8	4	1	0	0	0
<i>Glycera</i> sp.	0	0	4	13	2	2	0	0	0	0
<i>Glycinde solitaria</i>	0	0	76	128	32	114	0	0	0	0
<i>Gyptis vittata</i>	0	0	6	2	1	0	0	2	0	2
<i>Harmothoe imbricata</i>	0	0	0	0	0	0	0	1	0	0
<i>Heteromastus filiformis</i>	0	0	20	27	0	0	0	0	0	0
<i>Hypereteone heteropoda</i>	0	0	3	2	0	1	0	2	1	0
<i>Leitoscoloplos robustus</i>	0	0	1	0	0	3	0	0	0	0
<i>Leitoscoloplos</i> sp.	0	1	6	10	17	28	2	16	0	0
<i>Lepidonotus sublevis</i>	0	0	0	1	0	0	0	0	0	0
Maldanidae sp.	0	1	2	0	0	1	0	0	0	0
<i>Mediomastus ambiseta</i>	0	6	133	294	6	39	11	27	11	5
<i>Nephtys incisa</i>	14	12	15	15	0	5	16	1	12	2
Nephtyidae sp.	0	0	0	0	0	1	0	1	0	0
<i>Oligochaeta</i> sp.	5	66	1374	1445	2	82	74	17	39	23
Onuphidae sp.	0	1	0	0	0	0	0	0	0	0
<i>Odontosyllis fulgurans</i>	0	0	0	1	0	0	0	0	0	0
<i>Paranaitis speciosa</i>	0	0	0	1	0	0	0	0	0	0
<i>Paraprionospio pinnata</i>	0	0	3	0	1	0	0	0	0	0
<i>Parasabella microphthalma</i>	0	0	1	7	0	2	0	15	0	0
<i>Pectinaria gouldii</i>	0	0	179	150	44	125	0	1	0	0
<i>Phyllodoce arenae</i>	0	0	0	0	1	0	0	0	0	0
<i>Polydora cornuta</i>	0	0	0	1	0	0	3	14	1	0
<i>Prosphaerosyllis longicauda</i>	0	0	0	1	0	0	0	0	0	0
<i>Sabaco elongatus</i>	1	1	8	43	0	22	7	0	0	0
Sabellidae sp.	0	0	0	1	0	0	0	3	0	0
<i>Salvatoria clavata</i>	0	0	0	1	0	0	0	1	0	0
<i>Sige fusigera</i>	0	0	0	0	1	0	0	0	0	0
<i>Spiochaetopterus costarum oculis</i>	0	0	33	17	21	28	0	0	0	0
Spionidae sp.	1	3	0	0	0	0	2	1	0	0
<i>Sthenelais limicola</i>	0	0	1	0	0	0	0	0	0	0
<i>Streblospio benedicti</i>	1	9	2	0	0	0	2	3	21	1
NEMATODA (ROUND WORMS)										
Nematoda sp.	0	0	39	86	5	54	1	124	0	0
NEMERTEA (RIBBON WORMS)										
Nemertea sp.	0	0	91	112	12	16	0	2	0	0

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Taxa/species	1	2	3	4	5	6	7	8	Ref 1	Ref 2
PLATYHELMINTHES (FLAT WORMS)										
Stylochus ellipticus	0	0	1	0	0	1	0	1	0	0
GASTROPODS										
Acteocina canaliculata	5	85	419	419	154	321	36	19	8	1
Asmunda elegantula	1	0	1	2	0	43	2	1	1	0
Boonea bisuturalis	0	4	0	0	0	0	1	3	0	0
Boreotrophon clathratus	0	2	0	0	0	0	0	0	0	0
Epitonium angulatum	0	0	0	0	0	0	0	1	0	0
Gastropoda sp.	4	0	0	0	0	0	0	0	3	0
Japonactaeon punctostriatus	4	14	408	696	687	335	13	7	6	0
Odostomia eburnea	2	11	67	42	14	3	3	10	1	1
Oncchidorididae sp.	0	0	0	1	0	0	0	0	0	0
Neverita duplicata	0	0	0	0	0	1	0	0	0	0
Tritia obsoleta	0	1	12	0	0	1	8	1	6	0
Tritia trivittata	0	0	1	1	0	0	1	0	0	0
Turbonillinae sp.	0	0	0	0	0	0	0	0	1	0
Urosalpinx cinerea	0	0	0	0	0	0	0	14	0	5
BIVALVES										
Ameritilla agilis	0	0	7	1	1	0	3	1	0	0
Crepidula fornicata	0	0	0	0	0	0	1	0	0	0
Crepidula sp.	0	0	0	2	0	0	0	0	0	0
Ensis leei	0	0	0	0	0	0	1	0	0	0
Lyonsia hyalina	0	0	62	10	3	2	1	4	0	0
Macoploma tenta	0	0	0	0	0	1	0	0	0	0
Mercenaria mercenaria	0	0	2	2	0	1	0	2	0	0
Modiolus modiolus	0	0	0	0	0	0	0	0	2	0
Mulinia lateralis	0	11	3	2	8	7	32	5	1	0
Nucula proxima	0	1	5	3	0	0	1	0	0	0
Pandora inflata	0	0	23	8	3	6	0	0	0	0
Pitar morrhuanus	1	0	1	0	0	0	0	0	0	0
Turtonia minuta	0	0	3	4	1	1	0	0	0	0
Yoldia limatula	1	2	14	9	0	2	5	1	0	0
Yoldia myalis	0	0	0	0	0	0	1	0	0	0
Yoldia sapotilla	0	0	0	0	0	0	0	0	0	1
Yoldia sp.	1	0	8	3	0	2	2	2	0	0
ARTHROPODS										
Ampelisca abdita	5	73	15	11	32	15	60	7	35	7
Amphibalanus improvisus	0	0	0	2	0	0	0	0	0	0
Ampithoe longimana	0	0	0	0	0	3	0	0	0	0
Anoplodactylus petiolatus	0	10	16	68	17	13	10	2	5	1
Apocorophium acutum	0	0	0	0	0	0	0	2	0	0
Callinectes sapidus	1	1	0	0	0	0	3	4	3	0
Callipallene brevisrostris	0	0	0	3	0	2	0	3	0	0
Caprella equilibra	0	0	0	2	0	1	4	1	0	0
Caprella penantis	0	0	0	0	0	14	0	0	0	0
Cerapus sp.	0	0	5	3	1	0	0	0	0	0
Crangon septemspinosa	0	1	1	0	0	1	4	9	0	5
Dyspanopeus sayi	0	0	0	1	0	0	0	0	0	0
Edotea triloba	1	1	0	4	13	3	0	4	1	0
Elasmopus levis	0	0	0	23	0	9	0	6	1	0
Emerita talpoida	0	0	1	0	0	0	0	0	0	0
Grandidierella japonica	0	1	0	0	1	0	1	195	0	0
Hippolyte sp.	0	0	0	0	0	1	0	0	0	0
ARTHROPODS (continued)										
Incisocalloipe aestuarius	0	0	0	0	0	0	1	0	0	0
Jassa marmorata	0	0	0	1	0	0	1	0	0	0
Leucon americanus	0	0	4	2	7	0	2	0	0	1

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Taxa/species	1	2	3	4	5	6	7	8	Ref 1	Ref 2
<i>Libinia dubia</i>	0	0	0	1	0	0	0	0	0	0
<i>Limnoria lignorum</i>	0	0	0	0	0	0	0	3	0	0
<i>Microdeutopus gryllotalpa</i>	0	0	0	0	0	0	0	79	0	0
<i>Minuca</i> sp.	0	2	0	0	0	0	0	0	6	0
<i>Oxyurostylis smithi</i>	0	0	6	5	9	3	2	1	1	0
<i>Palaemon pugio</i>	0	0	0	0	0	0	0	1	1	1
<i>Pagurus annulipes</i>	0	0	0	0	0	0	0	0	1	0
<i>Pagurus longicarpus</i>	0	0	0	0	0	0	0	0	0	1
<i>Paracaprella tenuis</i>	0	0	0	2	0	4	0	10	0	0
<i>Stenothoe</i> sp.	0	0	0	2	0	0	1	0	0	0
<i>Synidotea laevidorsalis</i>	0	0	0	1	1	2	0	0	0	0
<i>Unciola serrata</i>	0	0	0	0	2	0	0	0	0	0
CNIDARIANS										
<i>Diadumene leucolena</i>	0	0	4	13	0	1	0	25	0	2
<i>Edwardsia elegans</i>	0	0	3	5	1	3	0	0	0	0
TUNICATES										
<i>Molgula manhattensis</i>	0	0	0	2	0	0	1	199	2	14
<i>Stylela canopus</i>	0	0	0	0	0	0	0	2	0	0
TOTAL NUMBER OF ORGANISMS	48	324	3130	3742	1122	1345	322	876	172	79
Density Per Square Meter	160.0	1080.0	10433.3	12473.3	3740.0	4483.3	1073.3	2920.0	573.3	263.3
Species Richness	16	27	53	65	36	52	40	56	27	19