

BSP COASTWATCH QUESTIONNAIRE

Survey is to be done: 12.-25. 09.2012

This questionnaire is for 500 m of shoreline

A INFORMATION ON SITE AND SURVEYORS

A1

Please draw a map of
your excursion area in
the box

A 2 Map name of the survey area or unit: Toila Harbour

A3 School name and address: Jõhvi Gümnaasium, Hariduse 5,
Jõhvi, Estonia

A31 Teachers name, class and number of
students taking part of: Tiina Gashkov + 8 students

A 32 Address of school and teacher's e-mail: tiinag@johvig.edu.ee; kool@johvig.edu.ee

A 4 Date of the survey /day/month/year/ 20.09.2012

A 5 Do you know your site: Well

A 6 Is your unit (part of) specially designated area? Yes

A 7 If your unit is specially designated please mark:
Nature or Marine Reserve
Bathing water

A 7 Is access to your coastal unit: Easy by foot/vehicle

B INFLUENCES FROM LAND immediate hinterland up to 500 m beyond the splash zone

B 1 Is the immediate hinterland (up to 500 m from splash zone) mainly devoted to:
(tick up to five boxes if necessary)

Intensive grazing	___ 1	Park/woodland/forest	+
Tillage farming incl. horticulture	___ 2	Wetland (bog, marsh, lagoon)	___ 6
Scrub or rough grazing	___ 3	Rock/sand	+
Dunes	___ 4		

Village or residential +
 Tourist resort ___ 9
 Waste tip ___ 10
 Industry, port industry, power station ___ 11

Transport: road, train port, marinas +
 Construction site ___ 13
 Military zone ___ 14
 Other ___ 15

B 2 Please count inflows as you walk your unit. Give details **up to 4** inflows in the order encountered. If there are more than four, choose the most important in terms of potential pollution impact.

	1	2	3	4
Type of inflow Write P = pipe, S = Seepage, OD = open drain, Storm drain or irrigation canal, R = River/stream, lagoon inflow				
Size of inflow: Small = 1, Medium = 2, Large = 3	1	1	1	
Please tick for each inflow if it has...	+	+		
Signs of animal life in the water?	3	3	3	3
Has the inflow a bad smell?	4	4	4	4
Discoloration/scum/froth from pollution?	5	+	5	5
Dead fish?	6	6	6	6
Dumped debris in or beside inflow?	7	+	7	7
Visible sewage?	8	8	8	8
Oil or petrol or diesel?	9	9	9	9

Total number of inflows in unit: 3

C SPLAZH ZONE the shoreline from mean high water up to spring high water

C 1 Indicate what the area is mainly composed of: (tick maximum 2 categories)

Solid rock +	Boulders 20 cm + 2	Gravel 0.2-20 cm 3	Sand +	Silt or Mud 5	Other (built walls) 6
1			4		

C 2 Which of the plants listed did you find in your unit?

Reed bed 1	Sea Grass <i>Zostera</i> 2	Brown or Red Algae 3	Green algae		Dislodged decaying algae 6	Other 7
			Patches or thin band 4 +	Extensive cover or thick mats 5 +		

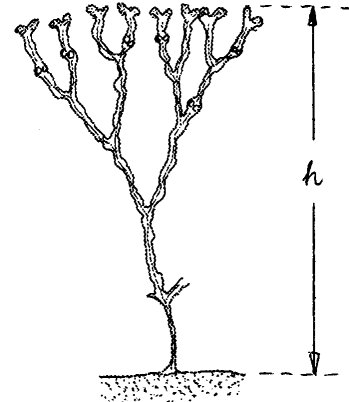
C 3 Size of bladder wrack *Fucus vesiculosus*, varies in different areas of the Baltic Sea depending on living conditions. If you have found bladder wrack in your area, please

take 3 – 5 plants and measure the length of the plant from the attaching place to the top of the longest branch and calculate the average.

Plant was attached no +

Average length of bladder wrack 15 cm

Look carefully bladder wrack plants. Are there growing other alga (hair, filaments). none +



C 4 If you know area well indicate whether there was any visible algal blooms in water this spring or summer

No

C 5 Indicate which of the animals listed you found live (L) or dead (D):

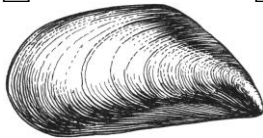
Jellyfish	Worms and wormcasts	Shellfish eg cockles, winkles		Crustaceans eg crabs		Fish		Seabirds		Seals		Dolphins		Rats	
		L	D	L	D	L	D	L	D	L	D	L	D	L	D
1	2	3	+	+		+		+	+	11	12	13	14	15	16
								4	1						

How many of each? →

C 6 Which of the following animals were you lucky to find along your part of the shore?

Blue mussel *Mytilus edulis*

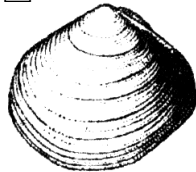
none + a few many



Length 1.5 – 10 cm

Baltic clam *Macoma baltica*

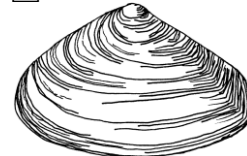
none + a few many



Triangular shell

Mya arenaria

none + a few many



Oval, up to 12 cm long

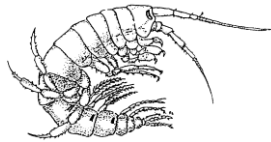
Common cockle *Cerastoderma glaucum* *Gammarus sp.*

+ none a few many

none + a few many



Heart-shaped, transverse ridges



C 7 Did you find any visibly oiled birds (live or dead) during your survey?

How many live oiled birds? 0 How many dead oiled birds? 0

D GENERAL LITTERING

D 1 Tick any major item(s) found on your unit

Landfill materials (e.g. concrete, rubble, debris from sea defences etc.)	1	
Large metal objects e.g. abandoned vehicles, girders (exclude bins)	2	
Household furnishings (beds, carpets, pieces of furniture etc.)	3	
Household refuse in bags or piles of rubbish	4	
Ship wreckage or small metal parts of ship wreckage	5	+
Dumped crops (potatoes, onions etc.)	6	+

D 2 Please count each type of beverage container, can holders, tyres and plastic shopping bags found anywhere on the shore. If the number is too large to count, estimate it.

Use dashed lines
for tally III-III

Glass bottles (drinks) 5

Metal drinks containers 5

Plastic drinks containers 8

Can holder 0

Paper or lined paper 1

drinks containers 3

Tyres (Half a tyre or more) 0

Plastic shopping bags 2

D 3 Tick which of the following items of general litter or pollution you found on your unit:

Lost or discarded plastic fishing & aquaculture gear (nets, lines, bags)	1	
Packing straps	2	+
Hard plastic containers (including crates)	3	+
Foamed polystyrene and polyurethane	4	
Sanitary material (incl. condoms, sanitary towel)	5	
Other plastics (not sanitary, bottles, bags, can holders, straps)	6	+
Tar, oil, petrol, diesel	7	
Containers of potentially hazardous substance (chemicals etc.)	8	+
Textiles, shoes, gloves, items of clothing	9	+
Paper, cardboard, worked wood, vegetable waste	10	+
Food, fish waste and bones	11	+
Faeces (mammal incl. human)	12	+
Medical waste e.g. syringes, plasters	13	
Glass (including light bulbs)	14	+
Cans (including non-hazardous spray cans, camping gas)	15	

E GENERAL OBSERVATIONS

E 1 Has recent weather made the appearance of your coastal unit change?

Yes, it looks cleaner than usual ___ 1 Yes, looks worse than usual +
No, recent weather is insignificant ___ 3 Don't know ___ 4

E 2 Has the beach been cleaned within the last week?

Yes No ___ 2 Don't know +

E 3 Is there any planned change of character (positive or negative) which is imminent for this coastal unit?

Yes + No ___ 2 Don't know ___ 3

E 4 If you have evidence of a serious risk or imminent planned change for the worse, please tick up to five boxes which describe the principal risk or imminent negative changes

Erosion 1	Beach mining 2	Construction +	Dumping/ tipping 4	Water pollution	Recreational abuse +	Other 11					
				<table border="1"> <tr> <td>Sewage +</td> <td>Radioactivity 6</td> <td>Oil 7</td> <td>Industry 8</td> <td>Agriculture or industrial farming 9</td> </tr> </table>			Sewage +	Radioactivity 6	Oil 7	Industry 8	Agriculture or industrial farming 9
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E 5 Please enter an short comment or observation: