

<b>1A: Dead, dying or missing vegetation</b> Was evidence of dead or dying vegetation observed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe observations: _____ Estimated area of dead or dying vegetation (square feet): _____	
<b>1B: Attached macroalgae</b> Is there attached macroalgae in the salt marsh area? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, what is it attached to? <input type="checkbox"/> Rock sill <input type="checkbox"/> ECB <input type="checkbox"/> Vegetation <input type="checkbox"/> Other (specify): _____ Estimated area of coverage (square feet): _____      Species present: _____	
<b>1C: Extensive wrack deposits</b> Are wrack deposits present within the salt marsh? <input type="checkbox"/> Yes <input type="checkbox"/> No What is the wrack composed of (e.g., macroalgae, plastic debris, <i>Phragmites</i> stalks, etc.)?: _____      Estimated average wrack depth (in): _____	
<b>1D: Goose excluders</b> Was evidence damage to the goose excluders observed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe the type and extent of damage: _____ Is there evidence of geese within excluders? <input type="checkbox"/> Goose prints <input type="checkbox"/> Droppings <input type="checkbox"/> Uprooted plugs Do goose excluders appear to be working effectively? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>1E: Signs of pedestrian trampling</b> Were signs of human disturbance observed within the salt marsh area? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe: _____ Estimated area of disturbance (square feet) if more than a few footprints: _____	
<b>1F: Signs of invasive species establishment</b> Are invasive plants present within the salt marsh? <input type="checkbox"/> Yes <input type="checkbox"/> No Common reed ( <i>Phragmites australis</i> ) – number of stems: _____      Other species?: _____ Pepperweed ( <i>Lepidium latifolium</i> ) – area of coverage (square feet): _____ Was action taken? <input type="checkbox"/> Yes <input type="checkbox"/> No      If so, specify: _____	
<b>1G: Structural integrity of the stone sill</b> Were any indicators of structural failure observed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, note type and location of structural failure: _____	
<b>1H: Erosion of salt marsh fill behind sill</b> Was any evidence of erosion behind the rock sill observed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, estimate size of erosional or slumped area (square feet): _____	
<b>1I: Erosion of tidal flat or salt marsh adjacent to restoration area</b> Was any evidence of erosion of the tidal flat or salt marsh observed? <input type="checkbox"/> Yes <input type="checkbox"/> No If erosion is occurring in the tidal flat fronting the sill, estimate vertical extent of erosion (in): _____ If erosion is occurring in adjacent salt marsh describe location and extent: _____	
<b>1J: Areas of standing water</b> Was ponded water observed within the salt marsh restoration area at low tide? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, estimate the number of locations and size (diameter in ft): _____ Make note of persistence (e.g., does it disappear before next high tide? Only on rainy days?, etc.) _____	



**Watson Park – Quarterly Monitoring Form**  
**Rocky Intertidal Shore**

**Date:**  
**Observer(s):**

**3A: Significant displacement of rocks**

Was any movement of placed rocks within rocky intertidal area observed?  Yes  No

If yes, note number and size of displaced rocks: \_\_\_\_\_

Is the cause known?  Storm impact  Human action  Other: \_\_\_\_\_  Unknown

**3B Evidence of colonization**

Is there attached macroalgae in the rocky intertidal area?  Yes  No

Estimated area of coverage Species present: \_\_\_\_\_

(square feet): \_\_\_\_\_

Are there marine invertebrates (e.g., oysters, barnacles, etc.) in the rocky intertidal area?  Yes  No

Estimated area of coverage Species present: \_\_\_\_\_

(square feet): \_\_\_\_\_

**3C Presence of invasive species**

Are any marine invasive species present within the rocky intertidal shore?  Yes  No

If yes, note species: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**3D Evidence of scour from stormwater outfall**

Was evidence of scour in front of the stormwater outfall observed?  Yes  No

If yes describe observations: \_\_\_\_\_

**Watson Park – Quarterly Monitoring Form**  
**Stormwater Outfall Headwall**

**Date:**  
**Observer(s):**

**4A: Significant displacement of rocks**

Were any stones out of alignment?  Yes  No

Were any gaps between the headwall and the outfall pipe observed?  Yes  No

If yes to either, note number and size of displaced stones and/or gaps in the wall:

\_\_\_\_\_

**4B: Clogging or debris at or around outfall openings**

Were any signs of debris build up within the outfall observed?  Yes  No

If yes, note the composition of debris: \_\_\_\_\_

Is the debris obstructing flow?  Yes  No

**4C Evidence of damage to the check valve**

Were any indicators of check valve failure observed?  Yes  No

If yes, note observations: \_\_\_\_\_

**4D: Evidence of erosion or scour adjacent to headwall**

Was any evidence of erosion or scour adjacent to the headwall observed?  Yes  No

If erosion is occurring at the base of the headwall, estimate vertical extent of erosion (in): \_\_\_\_\_

If erosion is occurring in adjacent coastal bank describe location and extent: \_\_\_\_\_

\_\_\_\_\_

**5A: Health of seeded and perennial vegetation**

Were any areas of bare/unvegetated flood protection berm observed?  Yes  No  
If yes, describe observations: \_\_\_\_\_  
Estimated area of bare/unvegetated portions of earthen berm (square feet): \_\_\_\_\_

**5B: Degradation due to pedestrian traffic**

Were signs of human disturbance observed within the flood protection berm?  Yes  No  
If yes, describe: \_\_\_\_\_  
Estimated area of disturbance (square feet) if more than a few footprints: \_\_\_\_\_  
Was any damage to the landscape edging along pedestrian path observed?  Yes  No

**5C: Settlement or slumping of earthen fill**

Was any evidence of erosion along the flood protection berm observed?  Yes  No  
If yes, describe: \_\_\_\_\_  
Estimated size of erosional or slumped area (square feet): \_\_\_\_\_

**5D: Erosion, gullies or other indications of runoff problems**

Were any indicators of erosion or other runoff problems observed?  Yes  No  
If yes, describe: \_\_\_\_\_  
Location and estimated area of erosion or runoff gully (square feet): \_\_\_\_\_  
\_\_\_\_\_

**5E: Signs of invasive species establishment**

Are invasive plants present within the flood protection berm?  Yes  No

Location and area of coverage (square feet):	Location	Area (sf)
Common reed ( <i>Phragmites australis</i> ) –	_____	_____
Common buckthorn ( <i>Rhamnus cathartica</i> ) –	_____	_____
Japanese honeysuckle ( <i>Lonicera japonica</i> ) –	_____	_____
Morrow's Honeysuckle ( <i>Lonicera morrowii</i> ) –	_____	_____
Japanese knotweed ( <i>Fallopia japonica</i> ) –	_____	_____
Oriental bittersweet ( <i>Celastrus orbiculatus</i> ) –	_____	_____
Other (note species):	_____	_____

**Watson Park – Quarterly Monitoring Form**  
**Rain Gardens**

**Date:**  
**Observer(s):**

**6A: Health of seeded and perennial vegetation**

Was evidence of dead or dying vegetation observed?  Yes  No

If yes, describe observations: \_\_\_\_\_

Estimated area of dead or dying vegetation (square feet): \_\_\_\_\_

Were any areas of bare/unvegetated rain garden observed?  Yes  No

If yes, describe observations: \_\_\_\_\_

Estimated area of bare/unvegetated rain garden (square feet): \_\_\_\_\_

**6B: Degradation due to pedestrian traffic**

Were signs of human disturbance observed within the rain gardens?  Yes  No

If yes, describe: \_\_\_\_\_

Estimated area of disturbance (square feet) if more than a few footprints: \_\_\_\_\_

**6C: Settlement or slumping of earthen fill**

Was any evidence of settlement or slumping within the rain gardens observed?  Yes  No

If yes, estimate size of erosional or slumped area (square feet): \_\_\_\_\_

**6D: Blockage or damage to the vertical overflow/drainage pipes**

Were any indicators of damage to the drainage pipes observed?  Yes  No

If yes, how many and which drainage pipe(s) are damaged? \_\_\_\_\_

**6E: Trash build-up in rain gardens**

Has trash or debris built up around the drainage pipe(s) or in rain gardens?  Yes  No

If yes, describe observations: \_\_\_\_\_

**6F: Signs of invasive species establishment**

Are invasive plants present within the rain gardens?  Yes  No

Location and area of coverage (square feet):	Location	Area (sf)
Common reed ( <i>Phragmites australis</i> ) –	_____	_____
Common buckthorn ( <i>Rhamnus cathartica</i> ) –	_____	_____
Japanese honeysuckle ( <i>Lonicera japonica</i> ) –	_____	_____
Morrow's Honeysuckle ( <i>Lonicera morrowii</i> ) –	_____	_____
Japanese knotweed ( <i>Fallopia japonica</i> ) –	_____	_____
Oriental bittersweet ( <i>Celastrus orbiculatus</i> ) –	_____	_____
Purple loosestrife ( <i>Lythrum salicaria</i> ) -	_____	_____
Other (note species):	_____	_____

**6G: Evidence of standing water**

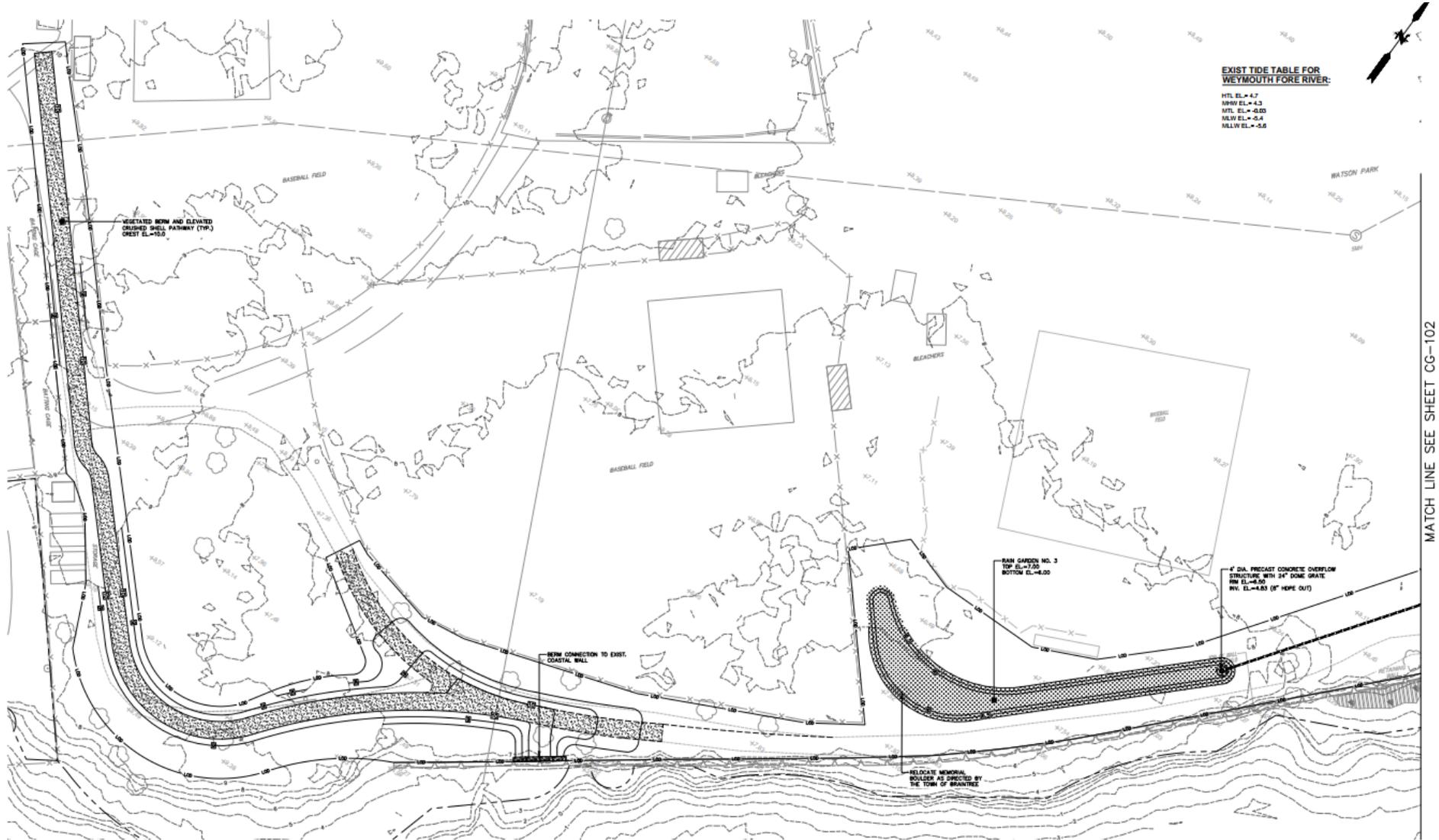
Was ponded water observed within the rain gardens 48 hours after a rain event?  Yes  No

If yes, estimate the number of locations and size (diameter in ft): \_\_\_\_\_

Make note of persistence (e.g., how many days after a rain event does it last?, etc.)  
\_\_\_\_\_

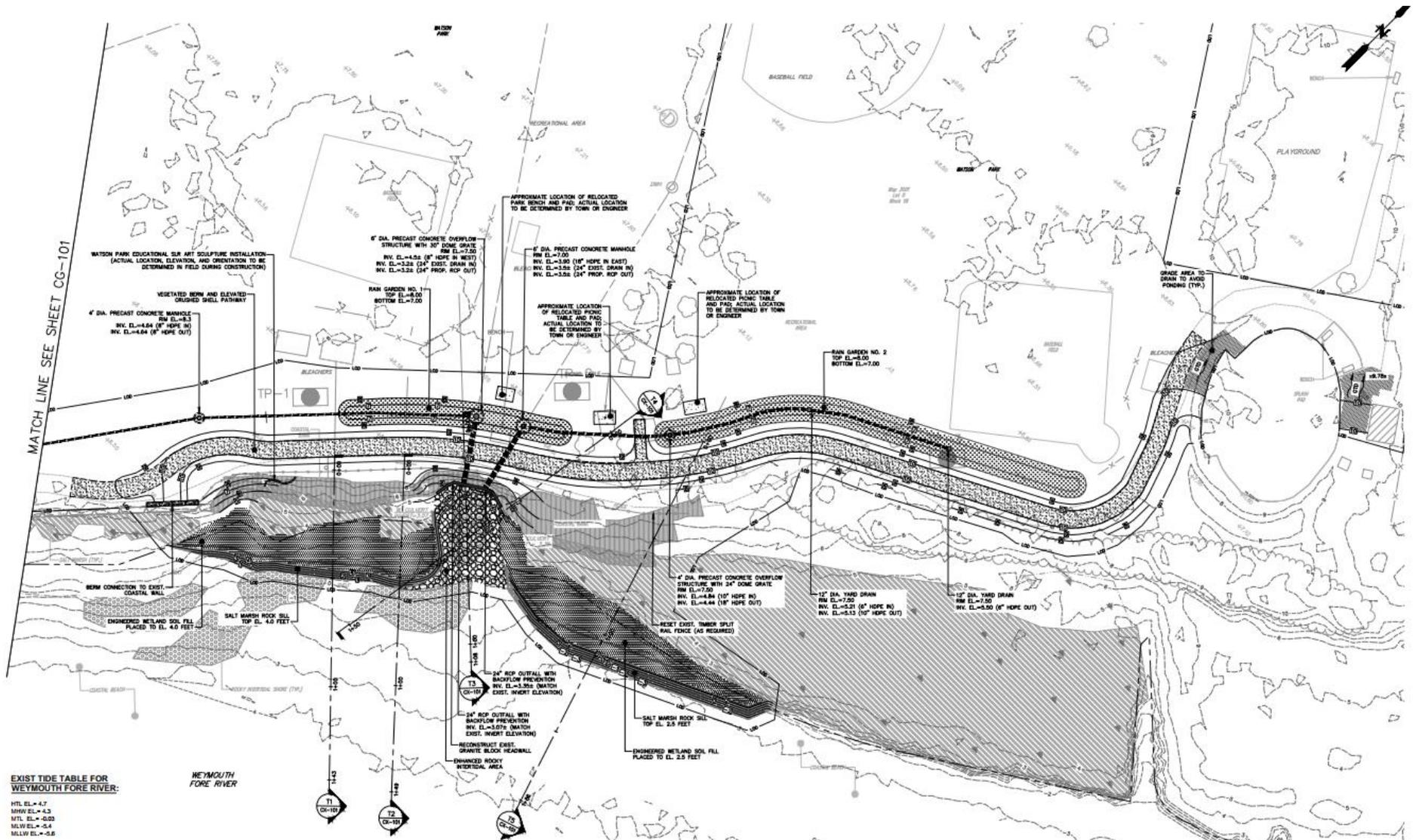
**Watson Park – Quarterly Monitoring Form**  
**Site Diagram – Southwest Section**

Date:  
Observer(s):



**Watson Park – Quarterly Monitoring Form  
Site Diagram – Northeast Section**

**Date:  
Observer(s):**



**EXIST TIDE TABLE FOR WEYMOUTH FORE RIVER:**  
 MTL EL.=4.7  
 MINV EL.=4.3  
 MFL EL.=3.9  
 MLW EL.=3.4  
 MLLW EL.=2.8

WEYMOUTH FORE RIVER

