



## Green Camp



### Application Packet

## Summer 2019 Green Camp Academic Enrichment Program The City of Memphis Storm Water Department

**Contact:**

Sharon Gordon  
Storm Water Public Education Program Coordinator  
245 Bass Pro Drive Memphis, TN 38103  
(Office): 901-636-4332  
(Cell): 901-515-6550

The City of Memphis Storm Water Department invites high school students to participate in Green Camp. Green Camp provides students with hands-on learning in relation to the topics of environmental engineering, chemistry, environmental issues, urban development, and storm water pollution.

Green Camp is scheduled from 8:30 am to 3:30 pm on the scheduled days provided in Table 1. In the event that excursions exceed 3:30 pm, parents will be contacted. Each group will attend 5 classes over a 1-week period (Monday through Friday) and must be prepared for a full 7 hours each day. Students can select a preferred week in the application section. Groups will be assigned and confirmed with the acceptance letter mailed by April 26, 2019. Weeks will be assigned on a “first-come-first-approved” basis with enough space for 33 participants (11 students per week).

**Table 1: SCHEDULE**

GROUP	Group 1	Group 2	Group 3
ACTIVITY DATES	June 3, 4, 5, 6, 7, 2019 (1 <sup>st</sup> week of June 2019)	June 10, 11, 12, 13, 14, 2019 (2 <sup>nd</sup> week of June 2019)	June 17, 18, 19, 20, 21, 2019 (3 <sup>rd</sup> week of June 2019)

There is no cost to participate in Green Camp. By participating in the program, each student will receive a Certificate of Participation with up to 35 hours of community service credits for participating in the study. To receive the full 35 hours of community service hours, you must fully participate each day you are scheduled.

With this application, students are asked for their hypothesis (page 9 of the application) in regard to 2 subjects covered during the study. At the conclusion of Green Camp, each student will be asked to either write a scientific paper or create a tri-fold presentation display that supports or disproves their original hypothesis. The Storm Water Department requests the final paper or tri-fold presentation by July 31, 2019. Submittals will be reviewed by the Storm Water Department team and all qualified papers will be published on the City of Memphis website at [MemphisStormWater.com](http://MemphisStormWater.com). Tri-folds will be displayed at a special public event. All the students will also be recognized during a special event held to honor students participating in pollution prevention activities with Memphis Storm Water.

Students may reference <http://www.mhhe.com/biosci/genbio/maderinquiry/writing.html> for instructions and format for the scientific paper. Students may reference [http://castlenorth.net/Science%20Fair/display\\_example\\_4.jpg](http://castlenorth.net/Science%20Fair/display_example_4.jpg) for format of their presentation display on a traditional sized trifold board (36" h x 48" w) to be purchased by student.

#### **Admission Requirements:**

Each participant **MUST** complete and sign ALL application forms mentioned below and submit by **April 12, 2019**.

Each participant **MUST** agree to adhere to the Attire Code (noted on page 10, item 4) and have a ride to and from Benjamin Hooks Library (see next section). Boxed lunches will be provided on all days a student participates in activities unless declined by the student. Students will be performing tasks that involve bending, lifting (not to exceed 20 lbs), sorting, and note-taking. An opportunity will be available for students to enter a waterway and multiple locations will be available for them to gather their own samples. Should the student feel uncomfortable collecting a sample at the designated sites, a sample will be gathered for them by a member of the Storm Water Department team to analyze. Activities are detailed on pages 3-7 of this packet. Personal Protective Equipment (PPE) will be provided for all activities.

**Activity Pick-Up, Drop-Off, and Transportation:**

Arrangements will be made by the City of Memphis to pick up participants from the Benjamin L. Hooks Library main entrance located at 3030 Poplar Avenue Memphis, TN 38111. The pick-up time will promptly be at 8:30 am. Please be on time. However, if notified, the Storm Water Coordinator (Sharon Gordon cell 901-515-6550) will make all best efforts to accommodate and include the student. Participants will be dropped off at that same location at the conclusion of the day's excursions at 3:30 pm.

**Application Submission Deadlines:**

The following application forms must be completed and signed:

- ✓ Student Application form
- ✓ Regulations for Green Camp form
- ✓ Parental Consent for Green Camp form
- ✓ Liability Release Clause form

Please mail to:

ATTN GREEN CAMP COORDINATOR  
245 Bass Pro Dr.  
Memphis, TN 38103

Alternatively, the application forms can be dropped off at the address listed above between 7:00 am to 3:30 pm, from Monday through Friday (excluding City holidays) or scanned and emailed to [Sharon.Gordon@memphistn.gov](mailto:Sharon.Gordon@memphistn.gov). If arrangements have been made between the teacher and the Storm Water Department Coordinator, a member of the Storm Water Department team will pick up the application forms at the school.

**Completed application must be postmarked by Friday, April 12, 2019.**

**Acceptance letters will be postmarked no later than April 26, 2019.**



## Day One: Urban Development of Waterways and Sources of Urban Pollution



Supplies Provided by the City	Supplies Required from Student
Journal, writing utensils, activity sheets, backpack, Personal Protection Equipment, gloves, trash bags, calculators, scales, insect repellent, water bottles, boxed lunch, and drinking water	Reusable drink cup with lid, proper attire, and eagerness to learn!

### Activities:

Students will walk part of the Harahan Bridge and observe the river and bluff as it is now and compare it to historical maps. Students will see and learn how the Mississippi River has been channelized due to commerce and how the rivers and streams that flow to the Mississippi have been channelized in different ways (natural channelization and urban channelization will be discussed and assessed throughout the study). Students will be able to see from a distance the impervious area of the City and will learn about the measures added to provide flood control, including the City's Municipal Separate Storm Sewer System (MS4). The history of the Gayoso Bayou will be discussed, specifically. The students will learn about the Mississippi River Watershed and the watershed effect as it pertains to storm water runoff as well as the urban water cycle. Seeing the historical maps and the current City riverfront will give the students a visual perspective on urban development and the urban water cycle. Additionally, the student's experience in recognizing point and non-point source pollution and the "trash study" will allow the students to gain a better perspective on the effects of improper waste disposal and how this practice can negatively affect our environment and the public health of our citizens. (Location: Harahan Bridge Walk: Latitude 35.1264, Longitude -90.0720: Approximate duration 1-2 hours)

Students will observe sources of litter and be able to distinguish the two types of pollution, point and non-point source. Students will learn how litter is carried to waterways. Students will participate in a cleanup at McKellar Lake that is in the Mallory 4-E sub-basin (McKellar Lake-Nonconnah Creek basin) of the Mississippi River Watershed. Litter collected will be divided by recycle and non-recycle, counted and/or weighed, and recorded. From this, students will be asked to determine the decomposition times of each type of trash and what percentage of the trash is recyclable. Students will be able to learn and identify proper disposal methods for each type of trash gathered. (Location within this area: south of South Parkway, north of Mallory Ave., east of Riverside, and west of Third Street. Zip 38109: (Approximate duration 2-3 hours)

Students will take and analyze their first set of water samples from a natural channelized section of the Wolf River at Kennedy Park for evidence of chemical pollution within the City. Biological sampling will be discussed, but will be unable to be performed within a natural channelized river due to the channelization (part of the comparison). A visual assessment will be performed for life within and around the natural channelized river. Students will make an assessment on the river's condition from the evidence that they have found. (Location: Wolf River at Kennedy Park: Latitude 35.01362, Longitude -89.16203: Approximate duration 2 hours)

## Day Two: Urban Waterbodies and Wetlands



Supplies Provided by the City	Supplies Required from Student
Journal, writing utensils, activity sheets, backpack, binoculars, field guide, insect repellent, water bottles, boxed lunch, drinking water, lab field testing equipment and meters, field microscopes, magnifying glasses, appropriate PPE	Reusable drink cup with lid, proper attire, and eagerness to learn!

### Activities:

Students will learn about different types of pollution (chemical) that are not captured by trash booms. Students will learn about the filtering properties of certain plants. For example, certain green spaces, including wetlands, can filter and remove chemical pollutants. The urban man-made wetland at T.O. Fuller State Park will be visited. Students will learn about and be able to identify the physical/hydrological, biological, and chemical functions of a wetland. Students will participate in a field wetland assessment and be asked to find and identify key plants and wildlife (or evidence of animals via tracks and scat) through a nature walk and utilizing binoculars within the wetland. Students will identify the different layers and types of soils present in wetlands. Students will then identify the type of wetland from their assessment by referencing the Wetland Type Activity sheet. Students will be able to recognize a wetland's ability to filtrate pollutants naturally versus implementation of structural control measures. (Location: T.O. Fuller State Park Wetlands in Memphis: Latitude 35.0680 Longitude -90.1020: Approximate Duration: 2-1/2 hours)

Students will test for evidence of chemical pollution at an urban channelized stream (Cypress Creek at Tillman St. and Summer Ave.). Students will gather their samples and perform temperature, pH, copper, phenols, DO, and chlorine field tests. Students will reference their sampling activity sheets to learn what levels of each test is and discuss possible pollution sources of abnormal amounts. Biological sampling will be discussed, but will not be performed within a channelized stream due to the lack of root masses from channelization (part of the study). A visual assessment will be performed for life within and around the channelized stream. Students will make an assessment on the stream's condition from the evidence that they have found. (Location: Cypress Creek at Tillman and Summer: Latitude 35.1481 Longitude -89.9592: Approximate duration 2 to 2-1/2 hours)

Students will test for evidence of chemical pollution at an urban natural channelized stream (Wolf River at Lucius E. Burch Nature Area). Students will gather their samples and perform temperature, pH, copper, phenols, DO, and chlorine field tests. Students will reference their sampling activity sheets to record the results of the test and discuss possible pollution sources of abnormal amounts. Biological sampling will be discussed, but will not be performed within a channelized stream due to the lack of root masses from channelization. A visual assessment will be performed for life within and around the channelized stream. Students will make an assessment on the stream's condition from the evidence that they have found. (Location: 1099 S. Germantown Rd: Longitude 35.1174 Longitude -89-8023: Approximate duration 1-2 hours )

## Day Three: Rural Waterbodies and Wetlands



Supplies Provided by the City	Supplies Required from Student
Journal, writing utensils, activity sheets, backpack, lab field testing equipment and meters, field microscopes, magnifying glasses, binoculars, field and dichotomous guide, dip nets, sampling buckets, insect repellent, appropriate PPE (including footwear), boxed lunch, & drink water.	A towel, a reusable drink cup with lid, proper attire, and eagerness to learn!

### Activities:

Much of this day (approximate estimate 2-1/2 to 3 hours) will be spent traveling to and back from the rural locations.

The rural natural wetland, Ghost River State Natural Area on the Winbon B. Cowan Trail, will be visited. Students will identify the physical/hydrological, biological, and chemical functions of a wetland. Students will participate in a field wetland assessment and be asked to find and identify key plants and wildlife (or evidence of key animals via tracks and scat) through a nature walk and utilizing binoculars within the wetland. Students will then identify the type of wetland from their assessment notes by referencing the Wetland Type Activity sheet. Students will note the differences between the rural wetland (Miner Slough Boardwalk) and urban man-made wetland (T.O. Fuller). (Location: Mineral Slough at Beasley Drive, La Grange, TN: Latitude 35.0269, Longitude -89.2724: Approximate duration 1-1/2 hours)

At Bateman Bridge, a safe and easy access sampling point exists at a rural, natural stream for students to perform chemical and biological sampling. Students will gather samples and will perform the same chemical tests as they did at the Cypress Creek, an urban concrete channelized location. Students will reference their sampling activity sheets to record the result of each test that is discuss possible pollution sources of abnormal amounts. Students will also perform biological sampling. Macroinvertebrates gathered will be examined with microscopes and/or magnifying glasses and identified with the dichotomous key. Students will utilize their Benthic Macro Activity Sheet to identify the macroinvertebrates pollution tolerance. A visual assessment will be performed for life within and around the natural stream. Students will make an assessment on the stream's condition from the evidence that they have found. (Location: Bateman Bridge Moscow, TN: Latitude 35.0276, Longitude -89.3500: Approximate duration (2-3 hours)

At the Wolf River Wildlife Management Area, students will observe another ecosystem within the watershed. This unique wetland is a sandy area that is directly connected to the Memphis Sand Aquifer with different flora and fauna than Mineral Slough. Students will identify the type of wetland (by referencing the Wetland Type Activity sheet) and note differences in the two rural wetlands. (Location: Bateman Bridge Moscow, TN: Latitude 35.0270, Longitude -89.3941: Approximate duration 1 hour)



## Day Four: Headwaters and Aquifer Recharge



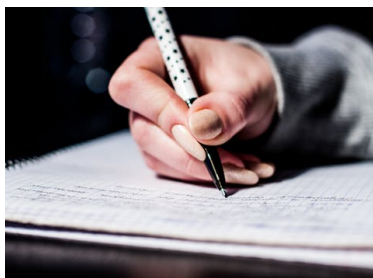
Supplies Provided by the City	Supplies Required from Student
Journal, writing utensils, activity sheets, backpack, lab field testing equipment and meters, field microscopes, magnifying glasses, binoculars, field and dichotomous guide, dip nets, sampling buckets, insect repellent, appropriate PPE (including footwear), boxed lunch, & drink water	A towel, a reusable drink cup with lid, proper attire, and eagerness to learn!

### Activities

At Baker's Pond, the students have the opportunity to compare the headwaters of the Wolf River to points downstream. The urban and rural surface waters will be compared to the headwaters to see if there is a definite difference. Much of this day (approximate estimate 2-1/2 to 3 hours) will be spent traveling to and back from rural locations. The students will hike to Baker's Pond to see the headwaters of the Wolf River. Along the hike, the students will observe the pink sands and understand that the area is a recharge point for the Memphis Sand Aquifer. The area will be assessed for flora and fauna by plant identification and observations of wild life including track and scat observations. There will be sampling of the pond and the effluent stream. Students will gather samples and will perform the same chemical tests conducted at Cypress Creek and Bateman Bridge. Students will reference their Sampling Activity Sheets to record the results of each test and discuss possible pollution sources of abnormal amounts. Students will also be able to utilize dip nets to perform biological sampling. Macroinvertebrates gathered will be examined with microscopes and/or magnifying glasses and identified with the dichotomous key. Students will utilize their Benthic Macro Activity Sheet to identify the macroinvertebrates pollution tolerance. A visual assessment will be performed for life within and around the pond and effluent stream. Students will make an assessment on the pond and stream conditions from the evidence that they have found. (Location: Bakers Pond, Holly Springs National Forest, Benton County MS: Latitude, 34.5636, Longitude: -89.0155. Approximate duration 2 hours)

At Pine Crest Camp, the students will be able to view the natural layers of soil, sand, silt, and clay (which are the properties of the aquifer) in this natural eroded area where the layers are visible. The students will learn that this area is part of the Wolf River that is down stream of the headwaters at Baker's Pond. Chemical and biological testing will be conducted at this location. The results will be used in the comparison to the other sites where testing has been completed. It will be reiterated that Memphis drinking water comes from the aquifer, not the River. The students will learn the importance of the geographic layers present for the filtration and protection of the Memphis Sand Aquifer. (Location: Pine Crest Camp, 21430 Hwy 57, Moscow, TN 38057: Latitude, 35.0520, Longitude: -89.3495. Approximate duration 2 hours)

## Day Five: Reflection and Review



Supplies Provided by the City	Supplies Required from Student
Resources from the Benjamin L. Hooks Library and support from the instructors to answer questions and assist with information for the scientific paper submittal or presentation display.	A drink, their back pack with all information gathered in the previous 4 days, and eagerness to learn!

### Activities:

The students will meet at the Benjamin L. Hooks Library at 8:30 AM. Pick up time is 2:30 PM. With this application, students are asked for their hypothesis (page 9 of the application) in regard to 2 subjects covered during the study. At the conclusion of Green Camp, each student will be asked to either write a scientific paper or create a tri-fold presentation display that supports or disproves one their original hypotheses. At the library, the students will be given the opportunity to reflect and review on their data gathered during the previous 4 days excursions and gather additional sources for their research. The instructors will help the students by providing answers to questions, finding supporting resources, and stressing factual content and research.

Students may reference <http://www.mhhe.com/biosci/genbio/maderinquiry/writing.html> for instructions and format for the scientific paper. Students may reference [http://castlenorth.net/Science%20Fair/display\\_example\\_4.jpg](http://castlenorth.net/Science%20Fair/display_example_4.jpg) for format of their presentation display on a traditional sized tri-fold board (36" h x 48" w) to be purchased by student.

The Storm Water Department requests the final paper or tri-fold presentation by July 31, 2019. Submittals will be reviewed by the Storm Water Department team and all qualified papers will be published on the City of Memphis website at [MemphisStormWater.com](http://MemphisStormWater.com). Tri-folds will be displayed at a special public event (see below). The Storm Water Department team is looking for submissions to meet research (with properly documented reference sources), factual content (which must be supplemented with their documented research or documented reference sources), and basic format standards. The student's individual hypothesis and conclusion is not reason for a paper to be unpublished or tri-fold not be displayed *so long as they properly support it with reference and research!*

All the students will also be recognized during a special event held to honor students participating in pollution prevention activities with Memphis Storm Water, where they will receive their Certificate of Participation with their community service hours (not to exceed 35). Participants who submit a publishable paper or presentable tri-fold display that has been approved by the Storm Water Department team will also receive a Certificate of Completion for finishing their study that verifies the publication of the paper on our website or the display of the tri-fold at this special event.





## Student Application Form

**Name:** (first, middle, last) \_\_\_\_\_

**Age:** \_\_\_\_\_ **School:** \_\_\_\_\_ **Birthdate:** \_\_\_\_\_

**Address:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**T-Shirt Size:** \_\_\_\_\_ **Student email:** \_\_\_\_\_

**Boot Size:** \_\_\_\_\_ **What Careers Are You Interested In?** \_\_\_\_\_

**Lunch Preferences:** The City of Memphis Storm Water Department is prepared to supply each participant with a boxed sandwich lunch. Please list any allergens and your preference between meat or veggie sandwich type below: *Please notate if you elect to supply your own bagged lunch, and note that there will be no refrigerator, microwave, or any oven on any and all days.*

**Preference Dates:** Green Camp will be offered during the 1st, 2nd, and 3rd work week (Monday through Friday) of June. Please circle the preferred week to participate. Preference 1 will be the first choice, Preference 2 will be 2<sup>nd</sup> choice, and Preference 3 will be the 3<sup>rd</sup> choice. Groups will be assigned and confirmed with the acceptance letter mailed by April 26, 2019. Weeks will be assigned on a “first-come-first-approved” basis and there are only enough spaces for 33 participants (11 students per week). Only circle weeks that you can attend. If you cannot attend one week, leave the appropriate preference selection blank.

<b>Preference 1:</b>	<b>Group 1</b> June 3 - 7	<b>Group 2</b> June 10 - 14	<b>Group 3</b> June 17 - 21
<b>Preference 2:</b>	<b>Group 1</b> June 3 - 7	<b>Group 2</b> June 10 - 14	<b>Group 3</b> June 17 - 21
<b>Preference 3:</b>	<b>Group 1</b> June 3 - 7	<b>Group 2</b> June 10 - 14	<b>Group 3</b> June 17 - 21

**STUDENT HYPOTHESES:** *This section needs to be filled out for your final paper or tri-fold presentation!*

Does Memphis have an adverse effect on the quality of the water in its rivers and streams? Briefly explain the reasoning for your answer based on your current knowledge and assumptions.

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Do you think wetlands have a purpose in water quality or that they should be removed (as has historically been done)? Briefly explain the reasoning for your answer based on your current knowledge and assumptions.

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**Program participation will not be permitted without Parent/Guardian signature on these forms. These forms are for the health and safety of the participant.**

**STUDENT SIGNATURE REQUIRED. PLEASE READ CAREFULLY.**

I have read the Program description and I will actively participate in all parts of the Program as described (with the exception to certain sampling activities, in which I can request to have a sample gathered for me to analyze). I agree to be respectful, listen, and follow instructions. I understand that my photo and scientific paper/presentation may be used for promotional purposes. I will wear the provided T-Shirt and follow the rules of attire. I understand that I will be in an outdoor setting and may be exposed to outdoor elements.

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Printed Name of Participant

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Signature of Participant

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Date

**PARENT/GUARDIAN PERMISSION STATEMENT**

I hereby grant permission for my child to apply and fully participate. Also, I will allow my child to complete surveys to evaluate the Program. I grant permission for my child to be daily transported to sites.

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Printed Name of Parent/Guardian

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Signature of Parent/Guardian

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Date



## Regulations for Green Camp

We are pleased you are interested in participating in the City of Memphis Storm Water Department Green Camp! While we do not want to limit your learning experience, we do require that you pay close attention to a few rules of order. We are responsible for your safety and well-being and will supply appropriate Personal Protective Equipment (PPE). We must also achieve the academic guidelines of this Program.

1. We expect you to display courtesy, generosity, and high moral stature for yourself and toward your peers, staff, and guests.
2. You may only use cell phones for documentation purposes or emergencies during activities or lessons.
3. Students should report tardiness and absences to the Coordinator (Sharon Gordon cell 901-515-6550). Reporting tardiness does not guarantee participation for the day due to the tight schedule, but the Coordinator will make all best efforts if notified.
4. Students must wear closed-toe shoes suitable for urban and rural walking excursions. Students must not wear overly-revealing clothing (transparent material) and improperly fitted clothing (sagging or inappropriate fitting attire). Shorts must not be shorter than 4 inches above the knees. Students will be supplied 2 T-Shirts. The t-shirt MUST be worn for the entire duration of all planned activities.
5. Students must email their scientific paper to [stormwater@memphistn.gov](mailto:stormwater@memphistn.gov) by July 31, 2019. Papers will not be graded; they are being requested to gauge effectiveness of the Program. However, papers must be of certain quality to be published. If a student chooses to instead complete a tri-fold presentation display, this will also be requested by July 31, 2019. Students should contact Coordinator, Sharon Gordon, for arrangements to have display dropped off or picked up. All participating students will receive a *certificate of participation* with community service hours for the amount of time participated in the study, not to exceed 35 hours. Students who submit a publishable scientific paper or approved tri-fold presentation display will receive a *certificate of completion* and additional honors and awards herein.

**I HAVE READ AND UNDERSTAND THE ABOVE REGULATIONS.**

\_\_\_\_\_  
**Printed Name of Student**

\_\_\_\_\_  
**Signature of Student**

\_\_\_\_\_  
**Date**

Please indicate any particular medical problems such as medications being taken, allergies, etc. that the person in charge and/or any attending medical person should be aware of:

\_\_\_\_\_

I give my permission for any medical treatment that may be necessary in case of an emergency involving my child.

\_\_\_\_\_  
**Printed Name of Guardian**

\_\_\_\_\_  
**Signature of Guardian**

\_\_\_\_\_  
**Date**





## Parental Consent for Green Camp

This release and information form must be filled out completely with current information, signed, and turned in before the Participant will be allowed to attend the Program.

This is a legally binding agreement executed by:

Name of Participant/Student: \_\_\_\_\_

Residential Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Date of Birth: \_\_\_\_\_ Age: \_\_\_\_\_

(hereinafter referred to as "Participant"), and by,

Name of Parent or Guardian: \_\_\_\_\_

Relationship of Guardian to Participant: \_\_\_\_\_

Residential Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_ Phone Number: \_\_\_\_\_

(hereinafter referred to as "Parent/Guardian"),

to The City of Memphis Storm Water Department, a division of the City of Memphis Public Works (hereinafter, "City").

We, the undersigned, request that Participant be granted permission to participate in the Storm Water Green Program (hereafter "Activity") to be conducted by the City of Memphis Storm Water Department for the 1<sup>st</sup>, 2<sup>nd</sup>, or 3<sup>rd</sup> work week of June 2019(to be assigned after acceptance). Participant's involvement in Activity will include, but is not limited to, the following activities: to be transported in a bus to various sites described in the schedule, assist the City of Memphis Storm Water Department in activities designed by them, and participate in various educational exercises.

In the event of illness, I authorize the securing of necessary treatment.

In case of emergency, the following person should be contacted:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Mobile Phone: \_\_\_\_\_ List preferred phone type: \_\_\_\_\_

Medical Information on Participant:

Allergies: \_\_\_\_\_

Medical Insurance Carrier (If none, write "none"): \_\_\_\_\_

Policy Number: \_\_\_\_\_

Doctor(If no PCP, write "none"): \_\_\_\_\_

Office Phone: \_\_\_\_\_

I fully understand and acknowledge that: my participation in this Program has inherent risks, dangers and hazards; that my participation in such activities may result in injury; and by my participation in these activities and, I hereby assume all risks and dangers and all responsibility for any losses and/or damages, whether caused in whole or in part by the negligence or other conduct of the officers, agents, officers, or employees of the City of Memphis, or by any other partnering organization.

The City of Memphis reserves the right to cancel any activity or event included as part of Activity or prevent Participant from participating in such activities or events, if, in the City's sole judgment, Participant's participation in such activities may seriously endanger Participant, other participants, or otherwise be harmful or inconsistent with the rules and regulations of City and all applicable policies and guidelines of the Storm Water Green Camp Program.

Parent/Guardian further states that I/We am/are the Participant's legal parent or guardian, and am fully competent to sign this Agreement; and that I execute this Agreement for full, adequate, and complete consideration fully intending to be bound by the terms herein.

**LIABILITY RELEASE CLAUSE**

The undersigned hereby releases and holds harmless the City of Memphis, its Mayor and Council, and any officers, employees or agents thereof (collectively referred to as Releasees), from any and all claims, liabilities or demands whatsoever arising or claimed to have arisen out of the enrollment or participation in the Program by the participant herein, regardless of whether such loss is caused by the negligence of the Releasees. This release shall survive the expiration or termination of this activity. I also hereby consent to the sponsor's use of my child's name, likeness or participation in the event for public purposes.

**INDEMNIFICATION CLAUSE**

Additionally, the undersigned agrees to indemnify and hold harmless the City of Memphis, its officers, agents, and employees from and against any and all claims, demands, suits, actions, damages, or other liabilities of any kind or character, arising out of or in connection with any activities performed in connection with this Program. This obligation shall survive the expiration or termination of this activity.

IN WITNESS WHEREOF, we have executed this release this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

BOTH PARTICIPANT AND PARENT/GUARDIAN MUST READ BEFORE SIGNING.

\_\_\_\_\_  
Printed Name of Participant

\_\_\_\_\_  
Printed Name of Guardian

\_\_\_\_\_  
Signature of Participant

\_\_\_\_\_  
Signature of Guardian

\_\_\_\_\_  
Relationship of Guardian to Participant