The Ozarks Environmental and Water Resources Institute (OEWRI)

UPDATED FINAL REPORT FOR:

WATER QUALITY MONITORING AND LOAD REDUCTION EVALUATION FROM DETENTION BASIN RETROFITS IN SPRINGFIELD, MISSOURI

May 2012-November 2015

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Completed for:

Watershed Committee of the Ozarks and the City of Springfield, Missouri

Funded by:

"Springfield-Greene County Urban Watershed Stewardship Project" a Section 319 Nonpoint Source Implementation Grant and the City of Springfield, Missouri

"U.S. Environmental Protection Agency Region VII, through the Missouri Department of Natural Resources, has provided partial funding for this project under Section 319 of the Clean Water Act."





February 16, 2016





OEWRI EDR-16-002

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SCOPE AND OBJECTIVES

The James River Basin of southwest Missouri is listed on the state's 303(d) list as being impaired by nutrients from multiple point and nonpoint sources (MDNR, 2001). In 2001, a Total Maximum Daily Load (TMDL) was developed for the James River that set nutrient limits and targets for both wastewater treatment facilities and urban nonpoint land use (MDNR, 2001). The TMDL set in-stream eutrophication threshold target concentrations for total phosphorus (TP) at 0.075 mg/L and total nitrogen (TN) at 1.5 mg/L. Efforts to control point sources through improved tertiary treatment have reduced nutrient concentrations in the Lower James River between 60%-70% (MDNR, 2004). However, nutrient concentrations still remain high in streams draining urban areas particularly during storm flows (Petersen et al. 1998; Richards and Johnson 2002; Miller 2006; MEC 2007; Hutchinson 2010). To date, few studies have addressed urban nonpoint source pollution concerns in the James River Basin and knowledge of local urban storm water quality and the effectiveness of pollution reduction efforts in this area are incomplete. Water quality monitoring is therefore needed to better understand the role of these types of developments as nonpoint sources of nutrients in the James River Basin and to test the effectiveness of urban storm water controls at reducing pollution from these areas.

The Watershed Committee of the Ozarks in cooperation with the James River Basin Partnership and the City of Springfield, Missouri implemented a Section 319 Grant from the Missouri Department of Natural Resources and the Environmental Protection Agency Region VII designed to reduce nonpoint source pollution in Jordan Creek and Fassnight Creek watersheds located in Springfield, Missouri. This project involved the implementation of detention basin retrofits designed to improve infiltration capacity and increase residence time to ultimately reduce nutrient and sediment pollution within the existing storm water infrastructure. This project supports efforts to meet TMDL requirements and the future Wilson Creek TMDL by finding effective techniques to meet these water quality standards.

The Ozarks Environmental and Water Resources Institute (OEWRI) at Missouri State University was contracted to perform the water quality monitoring component of this project. The purpose of this study is to document nutrient, suspended solids, and chloride loads from two small urban catchments that drain to existing detention basins and test the effectiveness of retrofits to those basins designed to improve infiltration, increase residence time, and trap pollutants all which will improve water quality. The specific objectives of this project are: 1) collect hydrology and water quality before and after detention basin retrofits using automated samplers; 2) analyze water quality indicators including; nutrients (total phosphorus and total nitrogen), total suspended solids (TSS), chloride, specific conductivity, and pH for individual samples collected throughout a storm event; and 3) comparing annual loads to assess the effectiveness of the retrofit design. This report contains the results of water quality and load assessment for both sites.

STUDY AREA

Water quality monitoring sites were located at two publically owned detention basins in the City of Springfield that represent typical institutional or commercial style urban development prevalent in the area. One site is located on the campus of Missouri State University at the Greenwood Laboratory School and the other is on Springfield Public School property but drains from the adjacent Drury University campus. The Drury basin is located within the Jordan Creek watershed and the Greenwood basin is located within the Fassnight Creek watershed (Figure 1).

Jordan Creek (35.9 km²) and Fassnight Creek (14.3 km²) are headwater tributaries of Wilsons Creek within the 12-digit Hydrologic Unit Code (HUC) 110100020303 (Headwaters Wilsons Creek) located in southern Greene County in southwest Missouri and is a tributary of the James River. The headwaters of Jordan Creek begin near U.S. Highway 65 along the eastside of the city and flows westward. The headwaters of Fassnight Creek begin east of Glenstone Avenue and flow west where it flows into Jordan Creek where the two streams form Wilsons Creek just east of Scenic Avenue. The area is located on the Springfield Plateau, a subdivision of the Ozarks Plateaus physiographic province underlain by Mississippian age cherty limestone (Fenneman, 1938; Bretz, 1965). Dissolution of limestone along fractures and bedding planes creates a karst landscape where springs, sinkholes and losing streams are common (Petersen et al., 1998). Upland soils typically have a thin layer of loess over highly weathered cherty subsoil (Hughes 1982). The Jordan and Fassnight Creek watersheds are highly urbanized watersheds with very little grassland and forest land use present (Figure 2).

Site Descriptions

Drury Basin

The Drury basin is located between Summit Avenue and Clay Avenue to the north of Harrison Stadium on Springfield Public School land adjacent to the campus of Drury University. The basin drains into the underground drainage system that eventually flows to Jordan Creek. The monitoring station on the inlet is located at a curb inlet box on the north side of the basin that drains an apartment complex and parking lot with a drainage area of 1.9 ha (Figure 3, Table 1). The monitoring station on the outlet is located at the southeast side of the basin at the outlet structure with a drainage area of 2.2 ha. The existing basin included a 1.1 m wide concrete trickle channel that connected the inlet pipe to the outlet structure. The retrofit design removed that trickle channel and replaced it with a 1.8 m wide infiltration trench filled with large stones. The retrofit also included the addition of three rain gardens in the parking lot to reduce and filter runoff from the parking lot into the basin. The rain gardens are designed with underdrains that are connected to the basin inlet. Additionally, native plants were installed 3 m on either side of the trench.

Greenwood Basin

The Greenwood basin is located between Harrison Avenue and Bear Boulevard on the west side of the Greenwood Laboratory School on the campus of Missouri State University and drains into the underground drainage system that eventually flows to Fassnight Creek. The monitoring station on the inlet is located on the south side of the basin that drains Bear Boulevard with a drainage area of 0.9 ha (Figure 4, Table 1). The monitoring station on the outlet is located at the north side of the basin at the outlet structure with a drainage area of 2.3 ha. The existing basin included a 1.1 m wide concrete trickle channel that connected the inlet pipe to the outlet structure. The retrofit design removed that trickle channel and replaced it with a 3 m wide infiltration trench filled with large stones. Additionally, native plants were installed 3 m on either side of the trench.

METHODS

This section describes the equipment and methods used for discharge measurements, water quality sampling, laboratory analysis, and load calculation procedures used for this project.

Hydrology and Sample Collection

Water samples, level and rainfall were collected at each basin with Teledyne ISCO 6712 Portable Samplers equipped with 720 Submerged Probe Modules and 675 Rain Gauges. The following describes the methods used to collect rainfall data, runoff data, and water samples.

Automated Sampling

The Teledyne ISCO 6712 Portable Sampler is equipped with 24 one-liter bottles that allows for discrete water sampling at specific intervals during the storm event (OEWRI 2006a, OEWRI 2007a, OEWRI 2010a). The sampler pumps water up to an internal distributer arm in clear 0.95 cm PVC tubing connected to a stainless steel strainer anchored next the submerged probe. For this project, the samplers located on the inlet to begin collecting 1-liter samples when the level at the submerged probe was 3 cm and then every 15 minutes for the duration of the storm event. At the outlets, samplers were programmed to collect when the submerged probe was 0.2 ft and then every 30 minutes for the duration of the storm event. For the pre-implementation period a minimum of 4 samples at both the inlet and outlet were required before the samples were kept. Due to the difficulty of sampling during the post-implementation period and the short timeframe before the end of the project, events were analyzed with as few as one sample in the inlet and outlet. Samples were retrieved from the samplers within 24-hours of the storm event for analysis.

Runoff

The 720 Submerged Probe Module uses a pressure transducer style probe that measures liquid level as low as 3 cm with an accuracy of +/- 0.3 cm (OEWRI, 2010a). The module is

programmed to record and store level data every 5 minutes. The level reading is used to estimate discharge at each station using a rating curve specifically developed for each site.

Drury – The inlet level was measured inside a 76 cm diameter reinforced concrete pipe (RCP) leading from the last curb inlet box in the system to the detention basin. The outlet level was measured at face of a 38 cm RCP leading from the detention basin to the outlet structure. Flow rates for both the inlet and the outlet were calculated using the culvert flow function in Intelisovle's Hydroflow Express software and a Q rating curve was developed from these data (Appendix A) (Intelisolve, 2006).

Greenwood – The inlet level was measured inside a 73 cm x 114 cm elliptical reinforced concrete pipe (RCP) leading from the last curb inlet box in the system to the detention basin. Flow rates for the inlet were calculated using the culvert flow function in Intelisovle's Hydroflow Express software and a Q rating curve was developed from these data (Intelisolve, 2006). The outlet level was measured at face of the outlet structure of the detention basin where a metal plate was attached to the 38 cm low flow outlet that approximates a 20 cm orifice. Flow rates for the outlet were estimated using the orifice equation (Ward and Trimble, 2004).

Rainfall

The 675 Rain Gauge is a tipping bucket style rain gauge that records rainfall in 0.025 cm increments. For this study, rainfall is recorded as total rainfall over 5 minute intervals.

Laboratory Analysis

Sample processing and analysis was performed at OEWRI's Water Quality Laboratory located on the campus of Missouri State University. OEWRI has developed EPA and MDNR approved Standard Operating Procedures (SOP) for the analyses used for this project and can be found at OEWRI's website (http://www.oewri.missouristate.edu).

Sample Processing

The 1-liter samples were brought back to the laboratory and were split into two 500 ml samples. One sample was preserved by adding 2 ml of concentrated sulfuric acid (H₂SO₄) to lower the pH below 2 standard units (OEWRI 2006b, OEWRI 2007a). This bottle was labeled and stored in the refrigerator for nutrient analysis. Specific conductivity and pH were measured in the remaining 500 ml bottle using a Horiba U-22XD Multi-Parameter Water Quality Monitoring System before being labeled and stored in the refrigerator for total suspended solids analysis (OEWRI, 2007b).

Nutrient, TSS, and Chloride Analysis

Samples were analyzed for total nitrogen (TN) and total phosphorus (TP) using a Genesys 10S UV-Vis Spectrophotometer using EPA standard method 365.2 and methods outlined by

Crumpton et al., 1992 (OEWRI 2010b, OEWRI 2010c). Total suspended solids (TSS) were determined by filtering samples through a 1.5 μ m filter (OEWRI 2007c). Chloride (Cl) was measured in the lab using an Accumet Excel XL25 Dual Channel pH/Ion Meter (OEWRI 2009). Acceptable detection limits for these procedures are \leq 0.1 mg/L TN, \leq 0.005 mg/L TP, 0.5 mg/L TSS and 0.1 mg/L Cl with all accuracy and precision checks within the range of + or \sim 20%.

Load Reduction

Runoff volume (L) was calculated by multiplying the mean discharge (m³/s) of the runoff event by the duration (s) of the runoff event. Mean event discharge was the average of all discharge values collected at 5 minute intervals throughout the storm event. Runoff duration started when the recorded stage was >3 cm and ended when stage was <3 cm for the individual event. Flow weighted event mean concentrations (EMC) were calculated in two steps. First, each individual sample concentration for each event was multiplied by the sample runoff volume representing the timeframe the discrete sample was collected to get an individual sample load. The second step is to calculate the EMC by taking the sum of each individual sample load and dividing that total by the total runoff volume to get the EMC of each event (McLeod et al, 2006). The site mean concentration (SMC) is the average EMC for the entire sample period. The site mean yield (SMY) is the average load from all paired storm events divided by the upstream drainage area. Load reduction was calculated by subtracting the SMY from the pre-implementation monitoring period from SMY of the post-implementation and dividing it by the pre-implementation SMY to get percent difference.

RESULTS

Sample Collection

A total of 1,021 individual samples were collected during the monitoring period (Table 2). The pre-implementation monitoring period lasted 22 months at the Drury basin and 26 months at the Greenwood basin. The post-implementation monitoring period lasted 12 months at both the Drury and Greenwood basins. The number of samples from each basin collected pre- and post-implementation of the retrofits are detailed below.

Drury Samples

A total of 190 pre-implementation samples were collected at the Drury inlet and 143 collected at the outlet. The first sample at Drury during the pre-implementation monitoring period was collected on 8-31-2012 and the last sample collected 5-8-2014. During the post-implementation period, 92 samples were collected at the inlet and only 41 at the outlet. The first sample at Drury during the post-implementation monitoring period was collected on 10-9-2014 and the last sample collected 11-5-2015.

Greenwood Samples

For the pre-implementation monitoring period at Greenwood 134 samples were collected at the inlet and 160 were collected at the outlet. The first pre-implementation sample was collected on 5-31-2012 and the last one was collected on 6-5-2014. A total of 152 post-implementation samples were collected at the Greenwood inlet and 109 samples were collected at the outlet. During the post-implementation monitoring period at Greenwood the first sample was collected on 10-9-2014 and the last one sampled on 11-5-2015.

Storm Event Hydrology

Rainfall variability of storm events sampled in the pre-implementation period was similar to the post-implementation period for Drury, but the pre-implementation period rainfall at Greenwood had a larger range compared to the post-implementation period. Rainfall amounts in the pre-implementation period ranged from 0.58-5.18 cm at Drury (15 events) and 0.97-5.26 cm at Greenwood (14 events) (Table 3). During the post implementation period, rainfall ranged from 0.86-4.72 cm at Drury (11 events) and 0.79-3.25 cm at Greenwood (12 events). The mean rainfall at Drury in the pre-implementation period was 2.44 cm and 2.54 cm during the post-implementation period. However, at Greenwood the mean rainfall of the pre-implementation period was 2.62 cm and 1.80 cm for the post-implementation period. Variability in rainfall duration was greater in the pre-implementation period compared to the post-implementation period at both sites, with average durations lower for the post-implementation period. While the higher rainfall amounts were not sampled in the post-implementation period at Greenwood, they do represent 90% of expected rainfall events for a given year (Greene County 1999).

Rainfall-runoff characteristics were also variable during the both the pre- and post-implementation monitoring periods suggesting hydrologic variability in these catchment areas, but could also be a function of backwater effects within the drainage system. Hydrologic variability can be influenced by vegetation, soil moisture conditions, and rainfall intensity (Ward and Trimble 2004). Additionally, hydrology can be affected by limitation of equipment where errors can be relatively high at very low or high velocity flow conditions (Teledyne 2006). This especially important to note in the inlets at each basin where the pipes leading to the basin are fairly steep and relatively large creating shallow, fast and turbulent flows. Furthermore, backwater effects from the drainage system downstream or by debris jams from leaves, sediment and trash could also influence stage-discharge relationships causing artificially high runoff calculations. Due to the variability in the rainfall for events sampled at Greenwood for both periods, selected storms from the pre-implementation period with a similar range in rainfall to the post-implementation period will be compared for runoff analysis.

The rainfall-runoff relationship has changed between the pre- and post-implementation period at Drury OUT suggesting the basin retrofit has changed the hydrologic conditions. Post-implementation runoff yield for Drury IN was similar from the pre-implementation period

ranging from about 7,000-200,000 L/ha for all events (Figure 5). The rainfall-runoff trend for the Drury OUT post-implementation period runoff yields is lower than the pre-implementation runoff yields for storm events with rainfall totals <3 cm. Runoff yields at the outlet for rainfall events <3 cm during the pre-implementation period ranged from 20,000-100,000 L/ha (Figure 6). During the post-implementation period runoff yields at the outlet ranged from 3,000-80,000 L/ha for storm events with <3 cm of rainfall. This suggests the infiltration trench was effective at capturing runoff for smaller storm events.

There also appears to be a change in the rainfall-runoff characteristics at the Greenwood basin between the pre- and post-implementation monitoring period, but it is not as dramatic as at Drury. Runoff is highly variable at the Greenwood inlet, but the post-implementation runoff is fairly similar to the pre-implementation monitoring period with runoff yield ranging from 30,000-150,000 L/ha for a 1-3 cm rainfall (Figure 7). The rainfall-runoff relationships at Greenwood OUT had less variability than the inlet during both monitoring periods with runoff yields ranging from \approx 40,000-150,000 L/ha in the pre-implementation \approx 12,000-150,000 L/ha in the post-implementation period and for a 1-3 cm rain event (Figure 8). There were no post-implementation storms sampled with rainfall events >3.25 cm. Again, similar to Drury, less water was making it to the outlet during smaller events at Greenwood in the post-implementation period but just not as dramatic. No water made it to the outlet at rainfall events <1.2 cm suggesting storage and infiltration of the basin, but not as much as Drury. Again, the sampling protocol was changed to be able to sample water at the outlet.

Physical Water Parameters

Average SC values fluctuated between the inlet and the outlet and between the pre- and postimplementation periods at both sites suggesting first-flush samples are being stored in the infiltration trench in post-implementation monitoring period. Mean SC increased between the inlet and outlet in the pre-implementation period at Drury from 47.6 μ S/cm to 51.5 μ S/cm (+8%) (Table 4). However, mean SC decreased between the Drury inlet and outlet in the postimplementation period from 78.0 µS/cm to 59.7 µS/cm (-23%). Similarly, Greenwood mean SC in the pre-implementation period increased between the inlet and outlet from 70.8 µS/cm to 75.6 μS/cm (+7%) and decreased between the inlet and outlet in the post-implementation period from 82.5 μS/cm to 80.6 μS/cm (-2.3%). This may suggest that first-flush runoff with higher dissolved load is likely being stored in and removed by the infiltration trenches. Water arriving at the basin later in the event with lower dissolved solid concentrations is diluted before it leaves the basin during the post-implementation period. Average pH is very similar between the inlet and outlet during both periods. Overall, SC increased between the inlet and outlet of both basins in the pre-implementation period and decreased during the post-implementation period suggesting the infiltration trenches are trapping the higher dissolved load in the first-flush of the event.

Nutrients, Suspended Solids, and Chloride

Drury Water Quality Data

Total Phosphorus – Average concentrations of TP at the inlet and outlet at Drury are similar for both the pre- and post-implementation period, but the range of concentrations is much lower at the outlet for the post-implementation period. During the pre-implementation period the Drury inlet had an average TP concentration of 0.120 mg/L with a range of 0.036-1.311 mg/L (Table 5). The average pre-implementation TP concentration at the outlet was actually higher at 0.129 mg/L (+7.5%) with a range of 0.020-0.949 mg/L. The post-implementation average TP concentration at the inlet was slightly lower compared to pre-implementation concentrations at 0.111 mg/L with a range of 0.035-0.968 mg/L. This suggests TP concentrations of water entering the basin may be lower as the result of rain gardens installed in the parking lot upstream of the Drury inlet. Average post-implementation period concentrations of TP at the outlet were also lower compared to the pre-implementation period at 0.113 mg/L (+1.8%), but the range was lower between 0.050-0.265 mg/L suggesting perhaps the retrofit design is storing first-flush runoff with high TP concentration where they were passing through the basin before. However, the average concentration was similar to the inlet for the post-implementation period. Average concentrations of TP of individual samples were similar at the inlet between the pre- and postimplementation period, but the range was lower at the outlet in the post-implementation monitoring period.

Total Nitrogen - Average concentrations of TN at Drury are similar between the inlet and outlet for the pre-implementation period, but increase between the inlet and outlet during the post-implementation period. During the pre-implementation period the Drury inlet had an average TN concentration of 0.75 mg/L with a range of 0.02-4.54 mg/L (Table 5). The average pre-implementation TN concentration at the outlet was similar at 0.76 mg/L (+1.3%) with a range of 0.04-4.17 mg/L. The post-implementation average TN concentration at the inlet was similar to pre-implementation concentrations at 0.72 mg/L with a range of 0.03-3.02 mg/L. This shows TN concentrations of water entering the basin did not change very much between monitoring periods. Average post-implementation period concentrations of TN at the outlet was slightly higher than the pre-implementation period at 0.77 mg/L (+6.9%), but the range was lower between 0.27-1.98 mg/L. In summary, mean concentrations of TN were similar at the inlet between the pre- and post-implementation monitoring period, but average TN concentrations were slightly higher during the post-implementation monitoring period compared to the pre-implementation period.

Total Suspended Solids - Average concentrations of TSS at Drury increased between the inlet and outlet during the pre-implementation period, but decreased between the inlet and outlet during the post-implementation period. During the pre-implementation period the Drury inlet had an average TSS concentration of 35.4 mg/L with a range of 0.1-364.3 mg/L (Table 5). The average pre-implementation TSS concentration at the outlet was a little higher at 40.0 mg/L

(+13%) with a range of 0.1-418.0 mg/L. The post-implementation average TSS concentration at the inlet was higher than the pre-implementation concentrations at 44.9 mg/L with a range of 2.0-331.5 mg/L. Average post-implementation period concentrations of TSS at the outlet were lower than the inlet at 37.4 mg/L (-20%), with a range between 0.1-413.0 mg/L. The slight increase in post-implementation TSS concentrations at the inlet could be the result of mulch and soil from the rain garden installation in the Drury parking lot. Overall, average concentrations of TSS decreased at the outlet during the post-implementation period suggesting the basin is trapping sediment.

Chloride - Average concentrations of Cl increased between the inlet and outlet at Drury during the pre-implementation period and decreased during the post-implementation period. During the pre-implementation period the Drury inlet had an average Cl concentration of 3.0 mg/L with a range of 0.1-35.6 mg/L (Table 5). The average pre-implementation Cl concentration at the outlet was higher at 8.8 mg/L (+193%) with a range of 0.1-130.8 mg/L. The post-implementation average Cl concentration at the inlet was higher than the pre-implementation concentrations at 5.8 mg/L but had a similar range between 0.1-33.5 mg/L. Average post-implementation period concentrations of Cl at the outlet were lower than the inlet at 3.2 mg/L (-45%) and a lower range between 0.6-17.1 mg/L. The average Cl concentrations increased between the inlet and outlet during the pre-implementation period and decreased during the post-implementation period suggesting the new design may be effective in removing Cl from storm water. More post-implementation samples during all seasons would be needed to verify this trend.

Greenwood Water Quality Data

Total Phosphorus – Post-implementation average concentrations of TP at the Greenwood outlet were lower compared to the pre-implementation period suggesting the retrofit design has been successful in reducing TP. During the pre-implementation period the Greenwood inlet had an average TP concentration of 0.274 mg/L with a range of 0.030-2.89 mg/L (Table 6). The average pre-implementation TP concentration at the outlet was actually a little higher at 0.283 mg/L (+3.3%) with a similar range between 0.048-2.83 mg/L. The post-implementation average TP concentration at the inlet was lower at 0.171 mg/L than the average pre-implementation concentrations with a range of 0.025-1.84 mg/L. Average post-implementation period concentrations of TP at the outlet was lower at 0.146 mg/L (-14.6%) than the average pre-implementation period, and variability of the range was lower between 0.051-0.496 mg/L. This suggests the retrofit design is storing first-flush runoff with high TP concentration where they were passing through the basin before. These trends show mean TP concentrations were lower at the inlet and outlet during the post-implementation period, but that average TP concentration was lower at the outlet during the post-implementation period due to the new basin design.

Total Nitrogen - Average concentrations of TN at Greenwood were similar between the inlet and outlet for the pre-implementation period, but decrease slightly between the inlet and outlet during

the post-implementation period. During the pre-implementation period the Greenwood inlet had an average TN concentration of 1.15 mg/L with a range of 0.04-12.52 mg/L (Table 6). The average pre-implementation TN concentration at the outlet was similar at 1.13 mg/L (-1.7%) with a range of 0.1-9.61 mg/L. The post-implementation average TN concentration at the inlet was slightly lower at 1.10 mg/L than the average pre-implementation concentration, but with a lower range of 0.28-5.1 mg/L. Average post-implementation period concentrations of TN at the outlet were lower than the inlet at 0.97 mg/L (-11.8%), and the range was also lower between 0.12-3.29 mg/L. In summary, mean TN concentrations were similar at the inlet and outlet during the pre-implementation period and average TN concentrations decreased slightly between the inlet and outlet during the post-implementation period suggesting the new design has the ability to remove some nitrogen from storm water in this basin.

Total Suspended Solids - Average concentrations of TSS coming to the inlet at Greenwood are high and post-implementation period concentrations at the outlet are much lower compared to the pre-implementation period concentrations showing the new design is more efficient at trapping sediment than it was before. During the pre-implementation period the Greenwood inlet had an average TSS concentration of 200.4 mg/L with a range of 1.0-2,845 mg/L (Table 6). The average pre-implementation TSS concentration at the outlet was lower at 134.6 mg/L (-33%) with a range of 0.7-3,128 mg/L. This decrease is due to the restriction plate across the low flow opening of the outlet structure. The post-implementation average TSS concentration at the inlet was lower compared to the average pre-implementation concentrations at 122.1 mg/L with a range of 1.0-2,626 mg/L. Average post-implementation period concentrations of TSS at the outlet were much lower compared to the inlet at 35.8 mg/L (-71%), with a range between 2.0-672.0 mg/L. While the concentrations of TSS coming to the basin were relatively high in both monitoring periods, the post-implementation period concentrations at the outlet were dramatically lower suggesting the increased trapping of sediment in the basin is effective compared to just the restriction plate that was there before. Overall, mean TSS concentrations were lower at the outlet during both the pre- and post-implementation period, but that average TSS was much lower during the post-implementation period indicating the new basin design is more efficient at sediment removal than it was before.

Chloride - Average concentrations of Cl were higher in the post-implementation period compared to the pre-implementation period, but the average concentration at the outlet decreased more at the outlet in the post-implementation period. During the pre-implementation period the Greenwood inlet had an average Cl concentration of 5.1 mg/L with a range of 0.2-69.9 mg/L (Table 6). The average pre-implementation Cl concentration at the outlet was similar at 4.8 mg/L (-6%) with a range of 0.2-65.6 mg/L. The post-implementation average Cl concentration at the inlet was higher than the average pre-implementation concentrations at 7.5 mg/L but had a lower range between 1.0-38.1 mg/L. Average post-implementation period concentrations of Cl at the outlet were lower than the inlet at 5.2 mg/L (-31%) and had a slightly lower range between

1.2-27.0 mg/L. Mean Cl concentrations were similar at the inlet and outlet during the preimplementation period, but were lower at the outlet during the post-implementation period suggesting the new design can trap Cl in this basin.

Seasonal Variability in Water Quality Samples

Discharge

Median sample discharge varied seasonally at Drury, had similar trends between the pre- and post-implementation periods at the inlets and was much higher in the post-implementation period at the outlet due to changing hydrologic conditions after retrofit construction. During the pre-implementation period at the inlet the winter period had the lowest median sample discharge of 0.004 m³/s and the spring the highest at 0.011 m³/s (Figure 9). At the outlet, the median sample discharge during the winter was about 0.006 m³/s, 0.009 m³/s during the summer and 0.005 during the fall and spring. During the post-implementation period at the inlet the winter was the lowest at 0.005 m³/s, the fall and spring were similar at 0.008 m³/s, and the summer has highest at 0.014 m³/s. These are fairly similar to the pre-implementation period even with a lower number of samples. However, the median sample discharge at the outlet for the post-implementation period was much higher ranging from 0.016-0.047 m³/s in the fall, winter and spring. The median sample discharge for the post-implementation period is higher in part due to lower samples size, but also the smaller storms cannot be sampled due to infiltration of available runoff in the basin.

At Greenwood, median sample discharge was also highly varied by season. During the pre-implementation period at the inlet the median sample discharge was consistent ranging from 0.009-0.010 m³/s during all seasons (Figure 10). At the outlet, the median sample discharge during the fall was relatively high 0.017 m³/s, with the lowest median sample discharge during the summer at 0.005 m³/s. During the post-implementation period at the inlet the fall median sample discharge was high at 0.02 m³/s and lowest during the summer at 0.014 m³/s and is higher than the pre-implementation period even with a lower number of samples. The median sample discharge for the post-implementation period at the outlet was 0.013 during the summer and 0.012-0.013 m³/s during the fall and spring. It appears that the new design of the Greenwood basin can increase residence time of water flowing into the basin and it is delivered to the outlet slower throughout the storm event. No post-implementation samples have been collected in the winter at Greenwood.

Total Phosphorus

Sample results show seasonal variability of TP in the Drury is relatively low. Median sample TP concentrations for the pre-implementation period at the inlet were similar in the fall, winter and spring ranging from about 0.070-0.090 mg/L with the highest median sample concentration of 0.130 mg/L in the summer (Figure 11). At the outlet, the median sample concentrations for the pre-implementation period were similar for all seasons ranging from about 0.070-0.090 mg/L.

Post-implementation period median sample concentrations of TP varied more by season ranging from 0.060-0.110 mg/L at the inlet. The seasonal variability of the median TP concentrations at the outlet was highest during the post-implementation period ranging from 0.070 mg/L in the fall to 0.160 mg/L in the spring.

Greenwood seasonal TP concentrations were highly variable at the inlet and the outlet for both the pre- and post-implementation periods, with the higher concentrations in the summer at the outlet during both monitoring periods. Median sample TP concentrations for the pre-implementation period at the inlet ranged from 0.110 mg/L in the summer to about 0.190 mg/L during the winter (Figure 12). At the outlet, the median sample concentrations for the pre-implementation period were varied even more ranging from about 0.100 mg/L in the winter to almost 0.250 mg/L in the summer. Post-implementation period median sample concentrations of TP also varied less by season ranging from 0.120-0.140 mg/L at the inlet during the year and 0.100 mg/L in the fall and 0.160 mg/L in the summer at the outlet. Again, not winter samples were collected at Greenwood.

Total Nitrogen

Concentrations of TN at Drury are similar between the pre- and post- implementation period with the highest concentrations typically in the spring. Median sample TN concentrations for the pre-implementation period at the inlet ranged from about 0.45 mg/L in the fall and summer to about 0.9 mg/L during the spring (Figure 13). At the outlet, the median sample concentrations of TN for the pre-implementation period was similar ranging from about 0.45 mg/L in the fall to about 0.8 mg/L in the winter. Post-implementation period median sample concentrations of TN at the inlet ranged from 0.4 mg/L in the winter to 0.67 mg/L in the spring. The seasonal variability of the median TN concentrations at the outlet was highest during the post-implementation period ranging from 0.5 mg/L in the winter to 1.1 mg/L in the spring.

There is relatively high variability in seasonal TN concentrations at Greenwood, but seasonal TN concentrations varied the least at the outlet during the post-implementation period with the highest concentrations typically in the spring. Median sample TN concentrations for the pre-implementation period at the inlet ranged from 0.4 mg/L in the summer to about 1.1 mg/L during the winter (Figure 14). At the outlet, the median sample concentrations for the pre-implementation period were similar to the inlet ranging from about 0.6 mg/L in the fall to about 1.1 mg/L in the spring. Post-implementation period median sample concentrations of TN at the inlet varied greatly seasonally ranging from 0.6 mg/L in the fall to 1.5 mg/L in the spring. However, median TN concentrations at the outlet ranged from 0.8 mg/L in the fall to 1.0 mg/L in the spring during the post-implementation period.

Total Suspended Solids

Median TSS sample concentrations did vary by season, but inlet and outlet TSS concentrations were fairly similar between the pre- and post-implementation periods and were relatively low.

Median sample TSS concentrations for the pre-implementation period at the inlet ranged from 5.0 mg/L in the summer to about 28 mg/L during the winter (Figure 15). At the outlet, the median sample concentrations for the pre-implementation period was similar ranging from about 8.0 mg/L in the summer to about 20 mg/L in the spring. The post-implementation period median sample concentrations of TSS were also similar by season ranging from 10 mg/L in the summer to 39 mg/L in the winter at the inlet and 8 mg/L in the fall 38 mg/L at the outlet in the spring.

Concentrations of TSS were relatively high at the inlet for both the pre- and post-implementation period and much lower at the outlet for both periods suggesting the basin has the ability to trap sediment. Median sample TSS concentrations for the pre-implementation period at the inlet ranged from 20 mg/L in the summer to a high of around 150 mg/L during the winter (Figure 16). At the outlet, the median sample concentrations for the pre-implementation period varied much less ranging from about 8 mg/L in the summer to about 19 mg/L in the spring. Post-implementation period median sample concentrations of TSS were varied from 17-60 mg/L by season at the inlet and dropped to 12-19 mg/L at the outlet.

Chloride

Chloride concentrations were relatively low in the fall, spring and summer and high in the winter at the Drury basin suggesting chloride is entering the drainage system by road salt applications. Median sample Cl concentrations for the pre-implementation period at the inlet ranged from 1.0 mg/L in the fall, spring and summer to about 23.0 mg/L during the winter (Figure 17). At the outlet, the median sample concentrations for the pre-implementation period were varied even more ranging from about 1.0 mg/L in the fall, spring and summer to about 33.0 mg/L in the winter. Post-implementation period median sample concentrations of Cl were also similar by season only ranging from 2.0-4.0 mg/L in the spring and summer to 21.0 mg/L in the winter at the inlet. Outlet median Cl concentrations were also similar ranging from 2.0-4.0 mg/L in the spring and summer to 13.0 mg/L in the winter.

Similar to Drury, median Cl concentrations spike in the winter likely the result of road salt application. Greenwood median sample Cl concentrations for the pre-implementation period at the inlet ranged from 1.0-5.0 mg/L in the fall, spring and summer to almost 24 mg/L during the winter (Figure 18). At the outlet, the median sample concentrations for the pre-implementation period ranged from about 1.0-4.0 mg/L in the fall, spring and summer to about 15 mg/L during the winter. Post-implementation period median sample concentrations of Cl were similar by the seasons that were sampled ranging from 5.0-11.0 at the inlet and 5.0-7.0 mg/L at the outlet for the fall, spring, and summer. Again, no winter samples were collected at Greenwood, but the higher concentrations in the spring could be left over from late winter-early spring snow storms where salt was applied.

In summary, median concentrations of TP, TN, TSS, and Cl varied by season for both the preand the post-implementation periods but there doesn't seem to be a specific seasonal pattern for any of the pollutants except for TN in the spring and Cl in the winter. High concentrations of TP, TN and TSS varied among the seasons for both Drury and Greenwood suggesting other hydrological processes are likely more important in controlling these pollutants. However, high TN in the spring indicates perhaps a fertilizer source. Also, Cl concentrations in the winter were consistently high at both basins indicating the importance of road salt applications as the most important source of Cl for these basins. Again, the number of post-implementation sample events did not cover all seasons and continuing monitoring during the summer, fall and winter seasons would be beneficial in completing the dataset.

Event Mean Concentrations

To evaluate how the basin retrofit design is reducing pollution, individual EMCs of each storm event sampled at the inlet is compared to the outlet for both the pre- and post-implementation monitoring periods for both basins.

Drury

The retrofit design at the Drury basin is reducing EMC of TP, TN, and TSS leaving the basin, particularly when high concentrations are entering the basin. Pre-implementation TP EMCs ranged from around 0.030-0.480 mg/L leaving the basin and 0.060-0.250 mg/L coming into the basin suggesting some internal loading before the retrofit (Figure 19). Post-implementation TP EMCs at the outlet were 0.050-0.300 mg/L and generally lower than the EMCs at the inlet ranging 0.080-0.230 mg/L. The EMCs of TN in the pre-implementation period were about 0.2-1.6 mg/L at the inlet and around 0.2-2.6 mg/L at the outlet, and the EMCs of TN at the inlet were about 0.4-2.2 mg/L during the post-implementation period and 0.4-1.6 mg/L at the outlet for the post-implementation period. The biggest difference in the pre- and post-implementation period EMCs is in TSS where the pre-implementation inlet ranged from 10-200 mg/L and the outlet ranged from 10-220 mg/L. The post-implementation period EMCs at the inlet were similar to the pre-implementation period EMCs ranging from 20-160 mg/L, but the outlet was much lower, ranging from 10-80 mg/L. The EMCs of Cl in the pre-implementation period ranged from about 0.1-28 mg/L at the inlet and 0.1-93 mg/L at the outlet, and the EMCs of CL at the inlet were 1.0-20 mg/L during the post-implementation period and 1.0-13 mg/L at the outlet.

Greenwood

At Greenwood, the retrofit design also appears to be reducing TSS, but TP and TN EMCs appear to be lower at the outlet only when higher concentrations are entering the basin. Pre-implementation TP EMCs were about 0.150-0.470 mg/L leaving the basin and 0.080-0.470 mg/L coming into the basin (Figure 20). Post-implementation TP EMCs at the outlet were 0.060-0.290 mg/L generally much lower than the EMCs at the inlet ranging 0.070-0.420 mg/L. The EMCs of TN in the pre-implementation period were from about 0.2-1.8 mg/L at the inlet and 0.4-1.8 mg/L at the outlet, and the EMCs of TN at the inlet were 0.6-2.5 mg/L during the post-implementation period and 0.4-1.4 mg/L at the outlet. The TSS EMCs during the pre-implementation period at

the inlet ranged from around 10-1,000 mg/L and the outlet ranged from about 10-400mg/L. During the post-implementation period the inlet ranged from 10-780 mg/L, but the EMCs at the outlet dropped considerable, ranging from 10-100 mg/L. The EMCs of Cl in the pre-implementation period ranged from about 0.1-20 mg/L at the inlet and 0.1-20 mg/L at the outlet, and the EMCs of CL at the inlet were 2.0-18 mg/L during the post-implementation period and 2.0-10 mg/L at the outlet. Overall, EMCs of TP and TN are higher at the outlet when storms occur with lower concentrations entering at the outlet. When higher concentrations are entering the basin, the outlet has much lower EMCs of TP and TN. This suggests the basin is reducing sediment bound nutrients as they enter the basin and perhaps is less effective at reducing the dissolved load.

Site Mean Load Reduction

Load reduction is calculated by taking the percent difference of pre- and post-implementation site mean load (SML) from all events analyzed. The SML is divided by the drainage area and displayed a site mean yield (SMY).

Total Phosphorus

Comparing the SMYs from the pre- and post-implementation period for the inlet and outlet at both basins suggests the new design reduces TP loads by 61-65%. The SMYs at the Drury inlet during the post-implementation period were 37% lower for TP compared the pre-implementation period (Figure 21). The SMYs at the Greenwood inlet during the post-implementation period were within 20% of the selected events from the pre-implementation period for TP. The post-implementation SMYs at the outlet were 65% lower at Greenwood and 61% lower at Drury. The hydrology data suggest there is some infiltration in these basins, however, load reduction is likely due to the increase in residence time after the retrofit causing sedimentation in the basin.

Total Nitrogen

Results show that the new basin designs can reduce TN loads by 24-45%. The SMYs for TN at the inlet were similar for both basins in the pre- and post-implementation period were +/-6% of the selected events from the pre-implementation period at both basins (Figure 22). Post-implementation SMYs at both outlets were lower, with a 45% reduction at Greenwood and a 24% reduction at Drury.

Total Suspended Solids

The SMYs from the pre- and post-implementation period for the inlet and outlet of both basins suggests the new design reduces the TSS loads by 67-81%. The SMYs at the Drury inlet during the post-implementation period were 26% lower for TSS compared to the pre-implementation period (Figure 23). The post-implementation SMYs at Drury show a 67% reduction in TSS. The SMYs at the Greenwood inlet during the post-implementation period were 3.5% higher than the selected events from the pre-implementation period for TSS. However, TSS SMYs were reduced by 81% at the outlet during the post-implementation period.

Chloride

Comparing the SMYs from the pre- and post-implementation periods at both basins shows the new design reduces the pollution loads by 34-59%. The SMY of Cl was 59% higher at the Drury inlet during the post-implementation period when compared to the pre-implementation period suggesting samples were collected soon after road salt was applied after a snow storm (Figure 24). However, the post-implementation SMYs at the outlet showed 59% reduction in Cl compared to the the pre-implementation period at Drury. The SMY for Cl was 28% higher at the inlet during the post-implementation period at Greenwood compared to the pre-implementation period. The post-implementation SMYs for Cl at the Greenwood outlet was 34% lower than the selected pre-implementation events.

Overall, this study suggests that the new basin designs implemented for this project at Drury and Greenwood have been effective in reducing pollution from the urban area. Results of this study show detention basin retrofits have the ability to reduce TP loads from 61-65%, TN loads from 24-45%, TSS loads from 67-81% and Cl loads from 34-59%. However, as these basins age, pollutants and sediment can accumulate in the bottom and become a contamination source if they are not maintained periodically over time. This study also produced ranges of EMCs, loads, and yields for TP, TN, TSS and Cl that can be used in water quality models by giving a range of before and after implementation yields for detention basin retrofit designs over a larger watershed area to model the impact on stream nutrient, sediment and chloride loads (Tables 7 and 8).

Annual Load Reduction

Annual load reduction was estimated for each basin by calculating the average annual rainfall event using rainfall-runoff estimates from the Spreadsheet Tool for the Estimation of Pollutant Loads (STEPL) model (Tetra Tech 2011). By selecting Greene County, Missouri from the weather station at the Springfield Regional Airport in the model the average annual rainfall event that produced runoff was 2.36 cm (0.92 in). This average rainfall event was then used to estimate the mean runoff volume for each basin using Figures 6 and 8. The estimated runoff volume was multiplied by the average EMC for TP, TN, and TSS for each basin in the pre- and post-implementation period to calculate the mean event load for each. The post-implementation load was subtracted from the pre-implementation load to get the average event load reduction. The average event reduction was multiplied by the number of rainfall days that produced runoff (44.03 events per year) from STEPL to produce an annual reduction estimate for each basin (Table 9).

Results show a range of annual load reduction from the two basins studied for this project. For TP, annual loads reduction ranged from 0.7 kg at Drury to 2.12 kg at Greenwood (Table 10). Annual load reduction for TN ranged from 1.92 kg at Drury to 5.96 kg at Greenwood. Finally, TSS reductions ranged from 315 kg at Drury to 1,370 kg per year at Greenwood. Assuming results from these detention basins represent the range in load reduction of a typical basin within

the City of Springfield storm water system from a retrofit design, the average annual reduction that would be expected is 1.41 kg TP, 3.94 kg TN, and 842 kg TSS (Table 10).

To better understand how detention basins might impact load reductions at the watershed-scale, the average annual load reduction determined from this project are applied to all existing basins within the Jordan/Fassnight Creek watershed and compared to the annual load at the USGS gaging station located at Scenic Avenue completed by Hutchison (2010). For this calculation it is assumed that the detention basins at Greenwood and Drury represent the average basin found within the Jordan/Fassnight Creek watershed and that these basins would all have similar load reductions from retrofit designs. The City of Springfield storm water infrastructure database shows there are 284 detention basins within the Jordan/Fassnight Creek watershed. Multiplying the average annual reduction from both basins in this study by 284, the load reduction from the entire watershed would be 0.4 Mg TP, 1.1 Mg TN, and 239 Mg TSS (Table 11). By comparing this to the annual load at Scenic shows that by implementing retrofit designs to all 284 detention basins within the Jordan/Wilson Creek watershed, the result would be an annual reduction of 13.3% for TP, 3.5% for TN, and 17.2% for TSS.

CONCLUSIONS

There are 10 main conclusions for this project:

- 1. A monitoring network was established at two detention basins in the City of Springfield to test a detention basin retrofit designed to improve water quality in a highly urbanized catchment. Monitoring stations were installed near Drury University and at the Greenwood Laboratory School on the campus of Missouri State University where rainfall, runoff, and water quality were monitored using automated samplers before and after construction of a retrofit design of existing detention basins. The retrofit was designed to improve infiltration, increase residence time and reduce pollution loads. Catchment drainage areas for the outlets are 2.2 ha for Drury and 2.3 ha at Greenwood.
- 2. A total of 1,021 individual samples were collected and analyzed between May 2012 and November 2015 for this project. Over the 3.5 year monitoring period, a total of 1,021 individual samples collected using automated samplers with about twice as many storm events sampled for the pre-implementation monitoring period compared to the post-implementation period. Samples were processed and analyzed for nutrients, sediment, chloride and physical water parameters at OEWRI Water Quality Laboratory at Missouri State University following the Quality Assurance Project Plan (QAPP) and Quality Assurance/Quality Control following EPA and MDNR approved Standard Operating Procedures (SOP).

- 3. Rainfall variability of storm events sampled in the pre-implementation period was comparable in the post-implementation period was narrower at Greenwood. Rainfall amounts in the pre-implementation period ranged from 0.58-5.18 cm at Drury (15 events) and 0.97-5.26 cm at Greenwood (14 events). During the post implementation period, rainfall ranged from 0.86-4.72 cm at Drury (11 events) and 0.79-3.25 cm at Greenwood (12 events). The range in the amount of rainfall during storm events sampled at Greenwood in the post-implementation monitoring period is lower than the pre-implementation period. Therefore, results from Greenwood for the post-implementation period were only compared to similar events in the pre-implementation period with the same range of rainfall totals for load reduction analysis. However, the range of post-implementation rainfall events represents about 90% of expected events in the area.
- **4.** Overall, runoff volume decreased in the post-implementation period for storm events with rainfall totals <2.5 cm at both basins suggesting the basin retrofit has changed the hydrologic conditions by storing runoff in the infiltration trenches. In general storm events with rainfall totals <2.5 cm had reduced runoff volume during the post-implementation period when compared to similar rainfall amounts in the pre-implementation period. For events with rainfall totals >2.5 cm, any reductions from the infiltration trenches were within variability in the hydrology of the catchments, and could not be distinguished for storms with higher rainfall amounts.
- **5.** Average TP concentrations of individual samples were slightly lower at Drury between the pre- and post-implementation monitoring period and substantially lower at Greenwood during the post-implementation period. The mean concentration of TP at Drury outlet during the pre-implementation period was 0.129 mg/L and 0.113 mg/L during the post-implementation period. Pre-implementation average concentration of TP at the Greenwood outlet was 0.283 mg/L and 0.146 mg/L during the post-implementation period. This suggests the retrofit design has been successful in reducing TP in storm water leaving the newly retrofit basin. However, these data do not account for the differences in rainfall and event sampling between the two monitoring periods.
- 6. Mean TN concentrations of individual samples were similar at Drury between the pre- and post-implementation monitoring period and were slightly lower at Greenwood during the post-implementation period. The average concentration of TN at the Drury outlet was 0.76 mg/L for the pre-implementation period and increased to 0.77 mg/L during the post-implementation period. At Greenwood, the mean TN concentration during the pre-implementation period was 1.13 mg/L and 0.97 mg/L during the post-implementation period. This suggests the new designs are not reducing TN

concentrations for the events sampled for this project. However, these concentrations are well below the TMDL target concentration of 1.5 mg/L.

- 7. At Drury, average TSS concentrations of individual samples were similar between the pre- and post-implementation monitoring period and decreased at Greenwood during the post-implementation period. The mean TSS concentration at the Drury outlet during the pre-implementation period was 40.0 mg/L and 37.4 mg/L during the post-implementation period. The average concentration of TSS at the Greenwood outlet was 134.6 mg/L for the pre-implementation period and decreased to 35.8 mg/L during the post-implementation period. Similar to TP, this suggests the retrofit design has been successful in reducing TSS in storm water leaving the newly retrofit basin without taking into account the difference in rainfall of events sampled in the post-implementation period.
- 8. Chloride concentrations decreased from the pre-implementation period to the post-implementation period at Drury and increased slightly at Greenwood during the post-implementation monitoring period. The average concentration of Cl at the Drury outlet was 8.8 mg/L for the pre-implementation period and decreased to 3.2 mg/L during the post-implementation period. At Greenwood, the mean Cl concentration during the pre-implementation period was 4.8 mg/L and 5.2 mg/L during the post-implementation period. Seasonal analysis shows Cl concentrations were relatively low in the fall, spring and summer and relatively high in the winter suggesting chloride is entering the drainage system by road salt applications and therefore is dependent on the amount of snow and ice received during the winter months.
- 9. When combining the effects of reduced runoff volume and water quality benefits of the new retrofit basin designs at Drury and Greenwood, results of this study show they have been effective at reducing pollution loads of TP, TN, TSS, and Cl in both basins. Results of this study suggests detention basin retrofits have the ability to reduce TP loads from 61-65%, TN loads from 24-45%, TSS loads from 67-81% and Cl loads from 34-59% within the selected events compared for the load reduction analysis.
- 10. Annual load reductions for each detention basin were estimated and expanded by calculating the total load reductions at Scenic if all detention basins within the Jordan/Fassnight Creek watershed would receive a retrofit similar to what was monitored in this study. The average annual load reduction from the retrofit basins monitored from this study were 1.41 kg TP, 3.94 kg TN, and 842 kg TSS. If the retrofit design was applied to all 284 detention basins within the Jordan/Fassnight Creek, the annual reduction at the USGS gage at Scenic would be 13.3% TP, 3.5% TN, and 17.2% TSS.

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TABLES

Table 1. Autosampler Water Quality Monitoring Sites in Springfield

Site	Northing UTM Zone 15N (m)	Easting UTM Zone 15N (m)	Drainage Area (ha)
Drury-IN	4,119,248.816	474,906.746	1.9
Drury-OUT	4,119,219.758	474,918.563	2.2
Greenwood-IN	4,117,260.701	475,115.849	0.9
Greenwood-OUT	4,117,344.295	475,120.698	2.3

Table 2. Summary of Sample Events

Table 2. Summ	iary or S	ample Ever	110
Site		Events Sampled	# of Samples Collected
Drury-IN	Pre	15	190
j	Post	11	92
Drury-OUT	Pre	15	143
	Post	11	41
	Pre	14	134
Greenwood-IN			
	Post	12	152
C LOUT	Pre	14	160
Greenwood-OUT	Post	12	109
		Total	1,021

Table 3. Range of Rainfall Totals and Storm Duration for Storm Events Sampled

	Drui	y Pre	Drur	y Post	Greenwe	ood Pre	Greenwood Post		
	Rainfall Duration (cm) (hr)		Rainfall (cm)	Duration (hr)	Rainfall (cm)	Duration (hr)	Rainfall (cm)	Duration (hr)	
n	1	.5	1	1	14	4	12		
Min	0.58	2.3	0.86	0.9	0.97	1.4	0.79	0.4	
Mean	2.44	7.5	2.54	4.8	2.62	5.7	1.80	4.1	
Max	5.18	16.7	4.72	9.9	5.26	16.6	3.25	9.8	

Table 4. Physical Water Parameter Summary Data

				SC (u	S/cm)				pH (std units)							
	Grnwd-IN Grnwd-OUT			d-OUT	Drury-IN Drury-OUT			Grnwd-IN Grnwd-OU			d-OUT	Drury-IN		Drury	-OUT	
	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
Min	6.0	27.7	25.9	29.7	3.3	25.7	3.4	28.3	6.4	5.4	6.3	5.8	6.4	5.4	6.7	6.2
Mean	70.8	82.5	75.6	80.6	47.6	78.0	51.5	59.7	7.4	7.1	7.2	6.9	8.1	7.6	8.1	7.5
Med.	60.9	72.4	59.5	70.7	39.1	72.0	46.1	52.7	7.3	7.0	7.1	7.1	7.9	7.5	8.1	7.4
Max	316	239	410	229	552	187	165	124	10.0	8.4	8.2	7.8	11.0	9.0	10.3	8.7
sd	50.1	40.0	51.2	35.9	47.6	37.3	33.4	24.1	0.5	0.7	0.4	0.5	1.0	0.8	0.8	0.7
cv%	70.8	48.5	67.6	44.6	100	47.8	64.9	40.4	6.1	9.6	5.7	7.9	12.8	10.3	10.1	9.4

Table 5. Nutrient, Total Suspended Solids and Chloride Summary Data for Drury

		TP (r	ng/L)			TN (1	mg/L)			TSS (mg/L)		Cl (mg/L)			
	Drur	y-IN	Drury	-OUT	Drury-IN		Drury-OUT		Drury-IN		Drury-OUT		Drury-IN		Drury	-OUT
	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
Min	0.036	0.035	0.020	0.050	0.02	0.03	0.04	0.27	0.1	2.0	0.1	0.1	0.0	0.1	0.0	0.6
Mean	0.120	0.111	0.129	0.113	0.75	0.72	0.76	0.77	35.4	44.9	40.0	37.4	3.0	5.8	8.8	3.2
Med.	0.081	0.074	0.089	0.097	0.61	0.58	0.58	0.66	9.3	16.0	12.7	14.3	1.1	2.1	1.5	1.5
Max	1.311	0.968	0.949	0.265	4.54	3.02	4.17	1.98	364.3	331.5	418.0	413.0	35.6	33.5	130.8	17.1
sd	0.139	0.118	0.143	0.059	0.61	0.49	0.60	0.42	63.2	68.6	70.1	69.8	6.4	7.8	21.3	4.2
cv%	115.7	105.9	110.5	51.8	80.9	67.6	79.0	54.6	178.7	152.8	175.3	186.7	214.5	134.0	242.1	130.7

Table 6. Nutrient, Total Suspended Solids and Chloride Summary Data for Greenwood

		TP (1	mg/L			TN (1	mg/L)			TSS (mg/L)		Cl (mg/L)			
	Grnw	vd-IN	Grnwo	d-OUT	Grnw	nwd-IN G		Grnwd-OUT		vd-IN	Grnwd-OUT		Grnw	/d-IN	Grnwo	l-OUT
	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post	Pre	Post
Min	0.030	0.025	0.048	0.051	0.04	0.28	0.10	0.12	1.0	1.0	0.7	2.0	0.2	1.0	0.2	1.2
Mean	0.274	0.171	0.283	0.146	1.15	1.10	1.13	0.97	200.4	122.1	134.6	35.8	5.1	7.5	4.8	5.2
Med.	0.147	0.111	0.177	0.112	0.83	0.86	0.88	0.85	74.3	30.7	10.3	16.0	1.8	4.8	2.6	4.2
Max	2.886	1.838	2.830	0.496	12.52	5.10	9.61	3.29	2,845	2,626	3,128	672.0	69.9	38.1	65.6	27.0
sd	0.406	0.205	0.391	0.084	1.34	0.70	1.12	0.49	391.9	321.2	483.8	80.3	8.7	7.1	7.5	3.7
cv%	148.4	119.9	138.4	57.5	117.3	63.2	99.3	50.8	195.5	263.0	359.5	224.7	170.8	94.8	157.1	71.0

Table 7. Range of Pre- and Post-Implementation EMC, Load, and Yields at Drury (2.2 ha)

Site	Danca		EMC	(mg/L)			Load	(kg)		Yield (kg/ha)			
Site	Range	TP	TN	TSS	C1	TP	TN	TSS	C1	TP	TN	TSS	Cl
	Min	0.042	0.17	12.2	0.1	0.007	0.01	1.24	0.01	0.004	0.01	0.6	0.004
Drury Out Pre	Mean	0.200	0.88	73.5	8.90	0.035	0.14	11.37	1.06	0.016	0.06	5.2	0.48
(n=15)	Median	0.126	0.69	39.7	1.5	0.024	0.15	7.28	0.22	0.013	0.08	3.8	0.11
	Max	0.758	2.51	214.8	93.0	0.172	0.31	32.8	7.67	0.089	0.16	17.0	3.98
	Min	0.062	0.42	7.8	1.1	0.001	0.003	0.16	0.004	0.0004	0.001	0.07	0.002
Drury Out Post	Mean	0.116	0.73	31.4	3.80	0.01	0.11	3.73	0.44	0.01	0.05	1.7	0.20
(n=11)	Median	0.104	0.54	20.9	1.4	0.010	0.07	1.74	0.20	0.005	0.03	0.79	0.09
	Max	0.226	1.60	90.6	12.7	0.038	0.46	16.70	1.71	0.02	0.21	7.6	0.78

Table 8. Range of Pre- and Post-Implementation EMC, Load, and Yields at Greenwood (2.3 ha)

Site	Danga		EMC	(mg/L)			Load	d (kg)		Yield (kg/ha)			
Site	Range	TP	TN	TSS	Cl	TP	TN	TSS	C1	TP	TN	TSS	Cl
	Min	0.163	0.67	12.6	0.3	0.03	0.18	3.45	0.15	0.012	0.08	1.50	0.07
Green Out Pre	Mean	0.294	1.32	140.5	5.4	0.07	0.30	29.1	1.26	0.031	0.13	12.7	0.55
(selected n=11)	Median	0.248	1.27	72.4	3.7	0.07	0.28	16.7	0.76	0.032	0.12	7.26	0.33
	Max	0.522	2.74	428.0	19.2	0.12	0.42	99.7	5.61	0.051	0.18	43.4	2.44
	Min	0.058	0.47	4.1	0.5	0.003	0.03	0.27	0.08	0.001	0.01	0.12	0.04
Green Out Post	Mean	0.138	0.97	30.8	4.7	0.02	0.16	5.67	0.83	0.010	0.07	2.47	0.36
(n=12)	Median	0.112	0.94	22.5	4.3	0.02	0.18	3.90	0.78	0.009	0.08	1.70	0.34
	Max	0.288	1.39	120.5	10.5	0.05	0.31	22.8	2.59	0.022	0.13	9.93	1.12

Table 9. Annual Load Reduction Estimates for Detention Basins

Site	Avg. Event	Avg. EMC (mg/L)		Mean Event Load (kg)			
	$Runoff\left(L\right)$	TP	TN	TSS	TP	TN	TSS
DruryOUT-Pre	148,044	0.200	0.88	73.5	0.030	0.130	10.9
DruryOUT-Post	118,641	0.116	0.73	31.4	0.014	0.087	3.73
		Event	Reduction (kg)		0.016	0.044	7.16
		Annual	Reduction (kg)		0.70	1.92	315
GreenwoodOUT-Pre	272,100	0.294	1.32	140.5	0.080	0.359	38.2
GreenwoodOUT-Post	230,614	0.138	0.97	30.8	0.032	0.224	7.10
		Event	Reduction (kg)		0.048	0.135	31.1
		Annual	Reduction (kg)		2.12	5.96	1,370

Table 10. Load Reductions from Detention Basin Retrofit BMP

Range	Annual Reduction (kg)				
	TP	TN	TSS		
Low	0.70	1.92	315		
Average	1.41	3.94	842		
High	2.12	5.96	1,370		

Table 11. Load Reduction Estimates for Jordan and Fassnight Creek Watershed

Load Reduction	Loads (Mg)			
Comparisons	TP	TN	TSS	
Mean load Reduction from 284 basin retrofits in Jordan/Fassnight watersheds	0.4	1.1	239	
Annual Load at Scenic*	<u>3.0</u>	<u>32</u>	<u>1,391</u>	
Annual Reduction at Scenic	13.3%	3.5%	17.2%	

^{*} from Hutchison, 2010

FIGURES

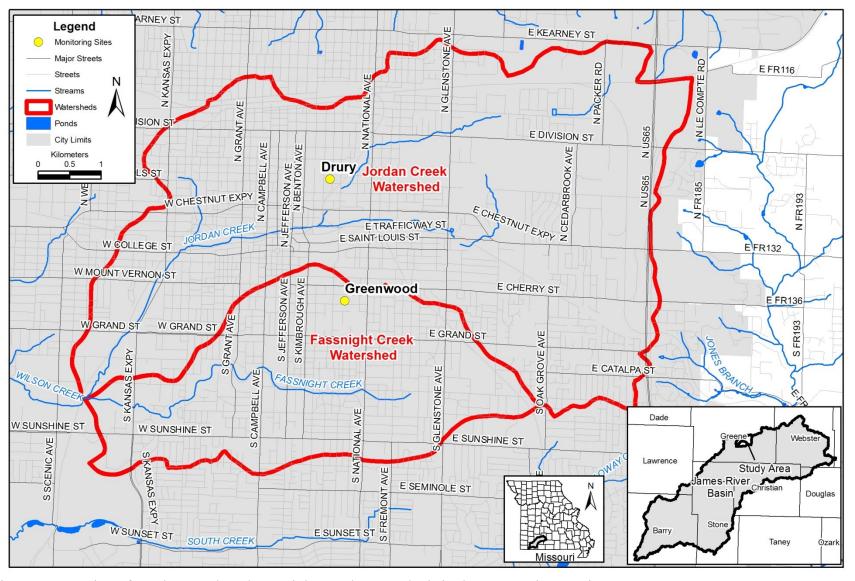


Figure 1. Location of Jordan Creek and Fassnight Creek Watersheds in the James River Basin.

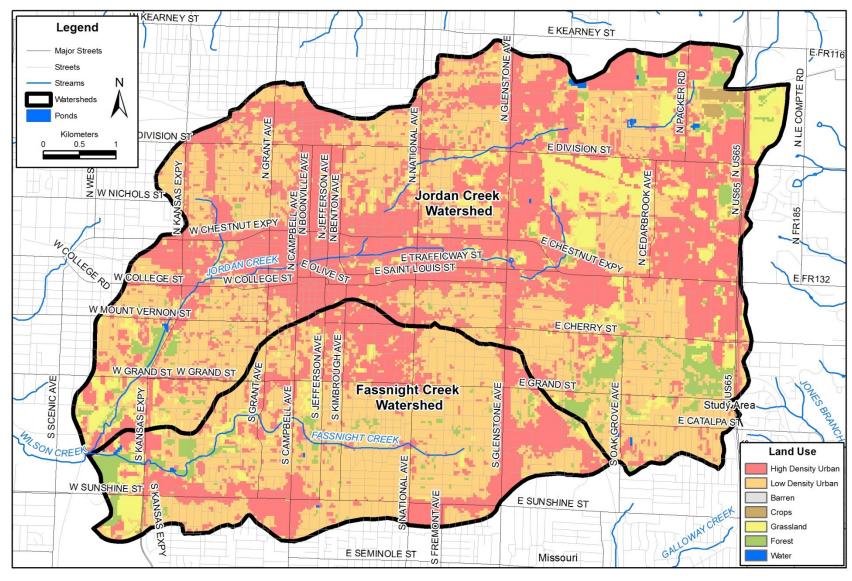


Figure 2. Land use (MoRAP 2005) within the Jordan and Fassnight Creek Watersheds.

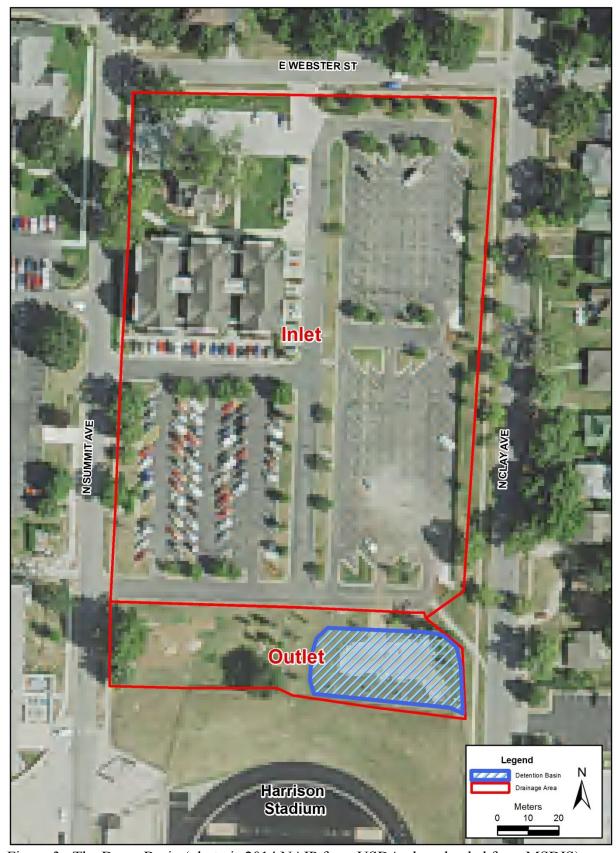


Figure 3. The Drury Basin (photo is 2014 NAIP from USDA, downloaded from MSDIS)

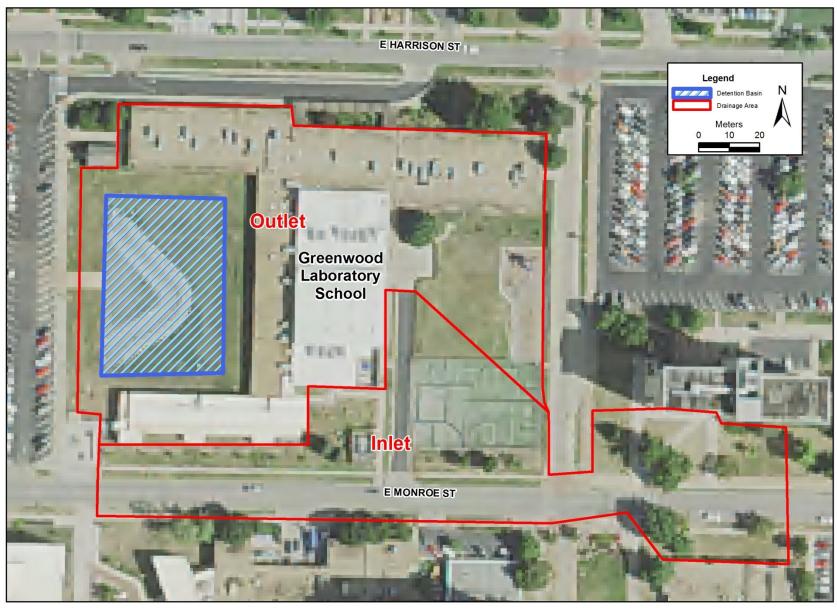


Figure 4. Greenwood Basin (photo is 2014 NAIP from USDA, downloaded from MSDIS)

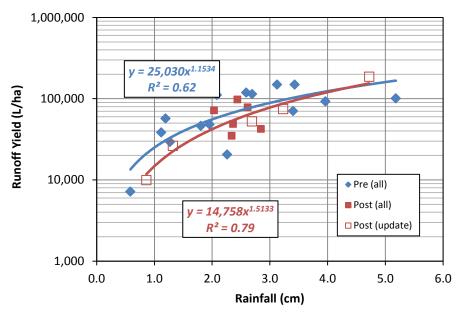


Figure 5. Rainfall-runoff relationship for Drury IN

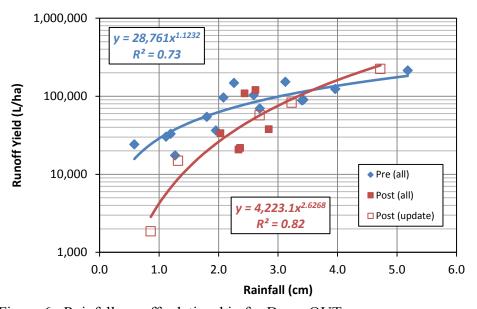


Figure 6. Rainfall-runoff relationship for Drury OUT

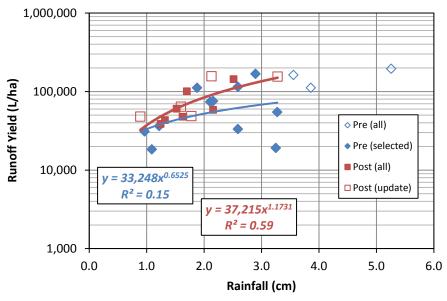


Figure 7. Rainfall-runoff relationship for Greenwood IN

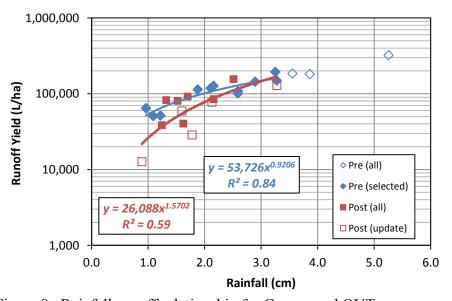


Figure 8. Rainfall-runoff relationship for Greenwood OUT

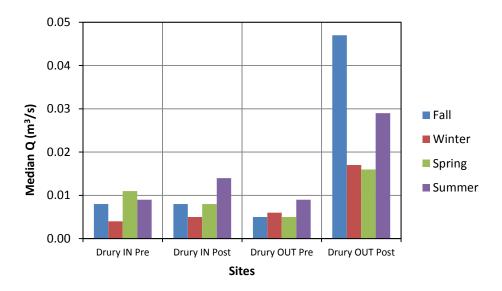


Figure 9. Seasonal variability in discharge at Drury

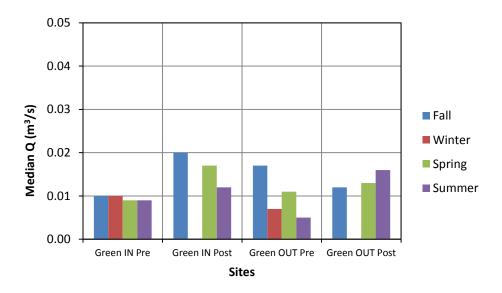


Figure 10. Seasonal variability in discharge at Greenwood

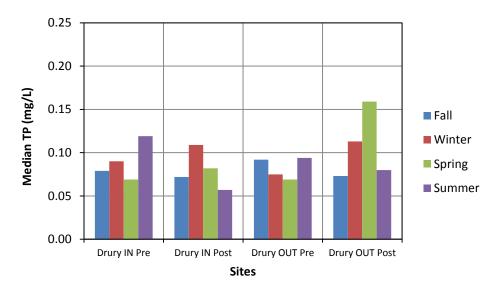


Figure 11. Seasonal variability in TP at Drury

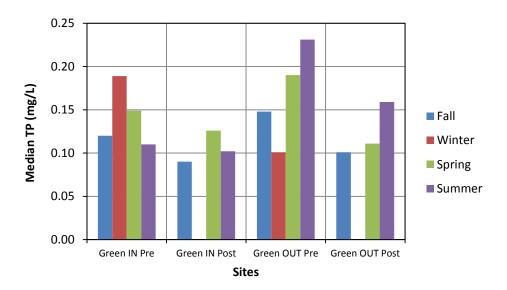


Figure 12. Seasonal variability in TP at Greenwood

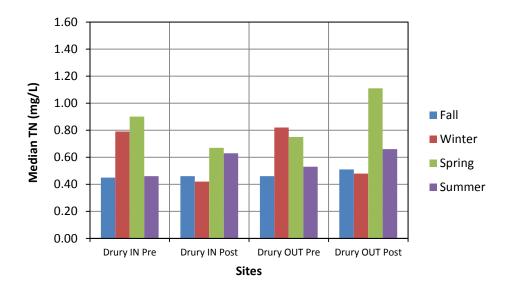


Figure 13. Seasonal variability in TN at Drury

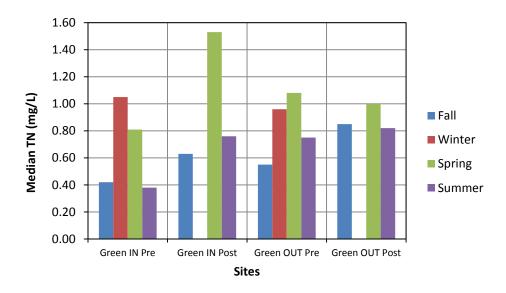


Figure 14. Seasonal variability in TN at Greenwood

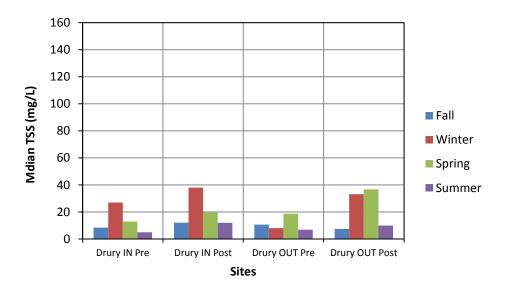


Figure 15. Seasonal variability in TSS at Drury

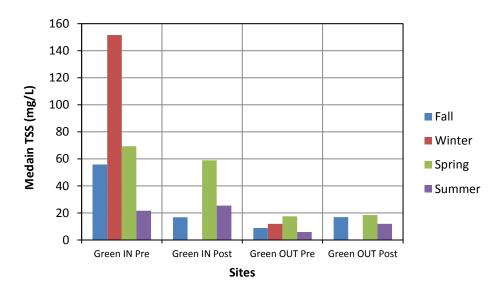


Figure 16. Seasonal variability in TSS at Greenwood

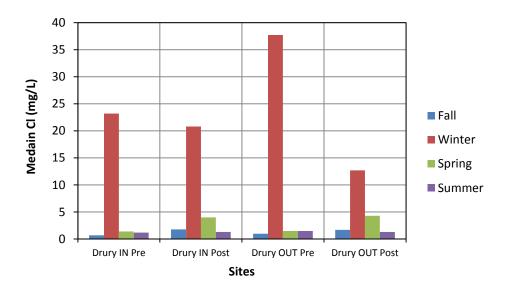


Figure 17. Seasonal variability in Cl at Drury

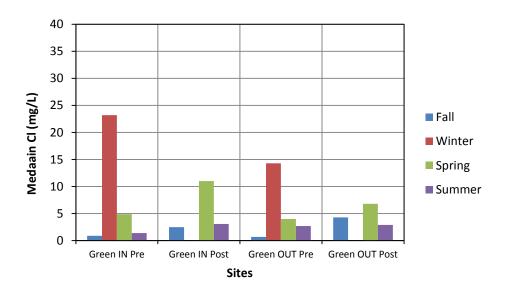


Figure 18. Seasonal variability in Cl at Greenwood

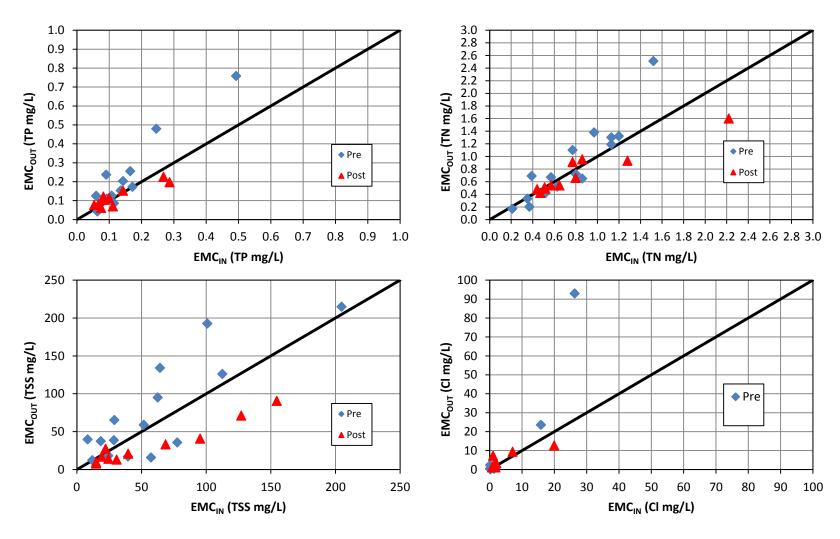


Figure 19. Comparison of IN and OUT EMC at Drury

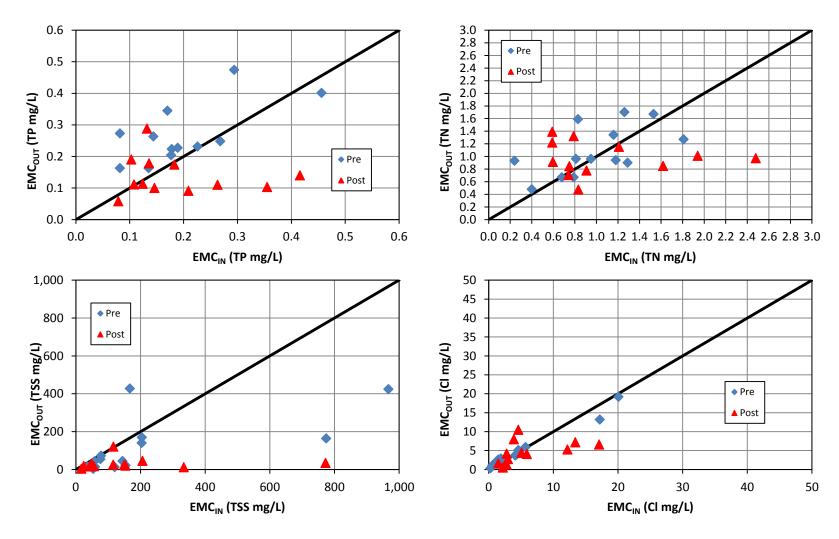


Figure 20. Comparison of IN and OUT EMC at Greenwood

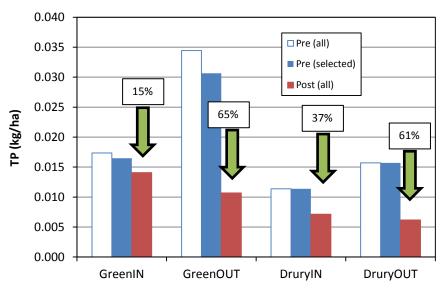


Figure 21. Selected event comparison of TP SMY

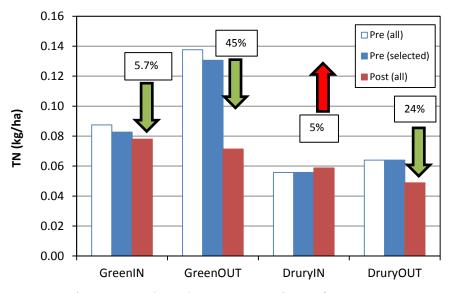


Figure 22. Selected event comparison of TN SMY

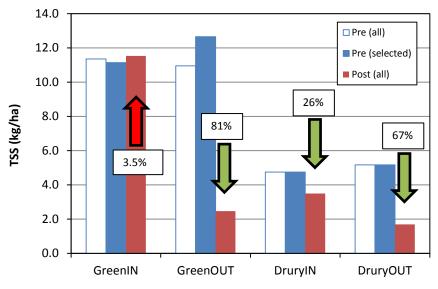


Figure 23. Selected event comparison of TSS SMY

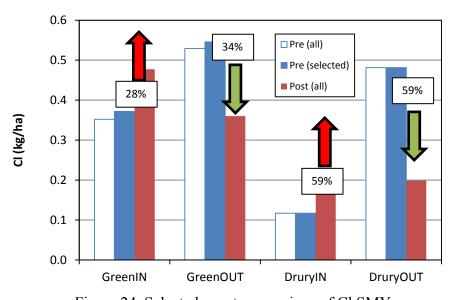


Figure 24. Selected event comparison of Cl SMY

PHOTOS



Photo 1. Excavation and concrete cutting for installation of the monitoring station



Photo 2. Pipe rough in, concrete forms and pad pouring by City of Springfield crews



Photo 3. Concrete pad after the pour with trench to rain gage



Photo 4. Stainless steel box secured to concrete pad with rain gage post installed





Photo 6. Complete installation of monitoring station with pressure transducer, pump tube, rain gage and stainless steel box



Photo 7. Drury basin pre-retrofit



Photo 8. Drury basin post-retrofit



Photo 9. Rain garden installed in the parking lot draining to the Drury basin



Photo 10. Drury detention basin during a post-implementation storm event.



Photo 11. Greenwood basin pre-retrofit



Photo 12. Greenwood basin post-retrofit

APPENDIX A – DISCHARGE RATING CURVES

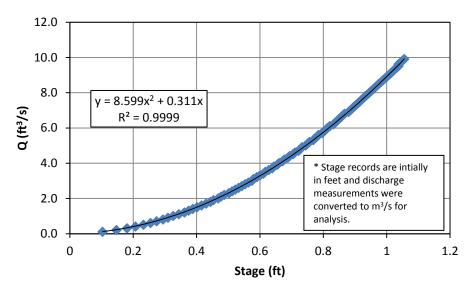


Figure 25. Discharge Rating Curve for the Drury Inlet

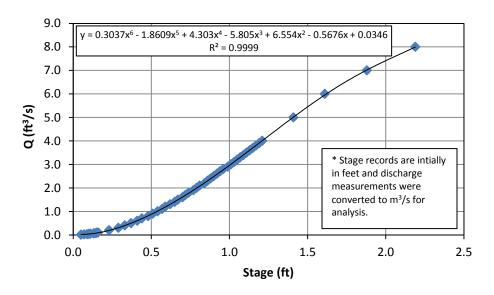


Figure 26. Discharge Rating Curve for the Drury Outlet

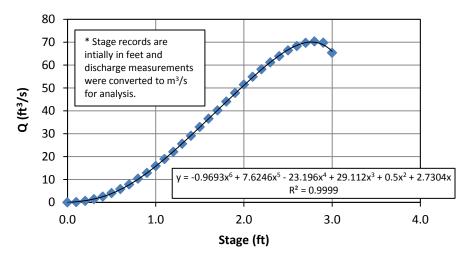


Figure 27. Discharge Rating Curve for the Greenwood Inlet

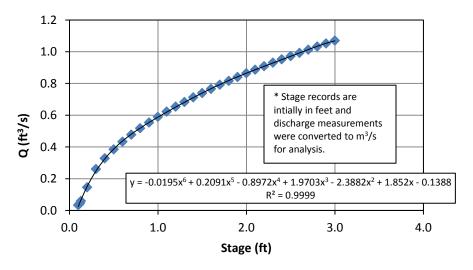


Figure 28. Discharge rating curve for the Greenwood outlet

APPENDIX B – RAINFALL-RUNOFF DATA

Table 12. Drury-OUT Pre-Implementation Event Rainfall-Runoff Data

	Rainfall	Duration	Intensity	Rainfall Vol.	Runoff	Runoff
Date	(cm)	(hr)	(cm/hr)	(m³)	(m³)	(%)
3/8/2014	0.58	3.75	0.16	128.5	53.1	41.3
11/6/2013	1.12	3.67	0.30	245.9	66.4	27.0
12/4/2012	1.19	3.15	0.38	262.6	72.4	27.6
4/27/2014	1.27	11.25	0.11	279.4	38.2	13.7
11/11/2012	1.80	6.25	0.29	396.7	119.2	30.0
11/21/2013	1.96	2.83	0.69	430.3	79.9	18.6
8/31/2012	2.08	4.42	0.47	458.2	211.3	46.1
3/16/2014	2.26	5.83	0.39	497.3	325.2	65.4
10/12/2012	2.59	2.33	1.11	570.0	226.6	39.8
5/8/2014	2.69	16.67	0.16	592.3	152.8	25.8
9/20/2013	3.12	6.08	0.51	687.3	336.0	48.9
10/5/2013	3.40	10.08	0.34	748.8	194.1	25.9
4/10/2013	3.43	15.75	0.22	754.4	197.6	26.2
4/26/2013	3.96	10.42	0.38	871.7	271.6	31.2
10/29/2013	5.18	10.17	0.51	1,140	469.8	41.2

Table 13. Drury-OUT Post-Implementation Event Rainfall-Runoff Data

	Rainfall	Duration	Intensity	Rainfall Vol.	Runoff	Runoff
Date	(cm)	(hr)	(cm/hr)	(m³)	(m³)	(%)
4/21/2015	2.03	9.92	2.03	447.0	72.3	16.2
11/4/2014	2.34	5.17	2.34	514.1	44.8	8.7
3/25/2015	2.36	8.50	2.36	519.7	46.9	9.0
4/2/2015	2.44	5.67	2.44	536.4	234.2	43.7
10/9/2014	2.62	2.42	2.62	576.4	258.3	44.8
3/13/2015	2.84	8.08	2.84	625.9	81.6	13.0
7/7/2015	2.69	2.67	1.01	591.8	122.8	20.8
7/23/2015	4.72	0.92	5.15	1,038	483.3	46.5
9/9/2015	3.73	7.00	0.53	710.6	178.1	25.1
9/11/2015	1.32	1.42	0.93	290.4	32.1	11.1
11/5/2015	0.86	1.50	0.58	189.2	4.0	2.1

Table 14. Greenwood-OUT Pre-Implementation Event Rainfall-Runoff Data

	Rainfall	Duration	Intensity	Rainfall Vol.	Runoff	Runoff
Date	(cm)	(hr)	(cm/hr)	(m³)	(m³)	(%)
6/11/2012	0.97	1.83	0.53	222.0	148.3	66.8
4/3/2014	1.09	1.42	0.77	251.2	116.8	46.5
6/5/2014	1.22	1.58	0.77	280.4	118.7	42.3
5/12/2014	1.88	4.92	0.38	432.3	261.1	60.4
11/21/2013	2.11	3.33	0.63	484.9	273.5	56.4
3/16/2014	2.16	6.08	0.35	496.6	292.4	58.9
9/7/2012	2.59	2.75	0.94	595.9	248.4	41.7
5/8/2014	2.59	16.58	0.16	595.9	233.0	39.1
4/18/2013	2.90	4.58	0.63	666.0	331.2	49.7
10/5/2013	3.25	10.00	0.33	747.8	447.3	59.8
8/3/2013	3.28	3.33	0.98	753.6	343.2	45.5
5/31/2012	3.56	3.75	0.95	817.9	425.9	52.1
7/26/2013	3.86	8.67	0.45	888.0	417.2	47.0
10/29/2013	5.26	11.42	0.46	1,209	740.1	61.2

Table 15. Greenwood-OUT Post-Implementation Event Rainfall-Runoff Data

	Rainfall	Duration	Intensity	Rainfall Vol.	Runoff	Runoff
Date	(cm)	(hr)	(cm/hr)	(m³)	(m³)	(%)
4/15/2015	1.24	7.08	0.18	286.3	88.5	30.9
4/1/2015	1.32	2.08	0.63	303.8	189.5	62.4
11/23/2014	1.52	6.33	0.24	350.5	185.5	52.9
4/22/2015	1.63	8.00	0.20	373.9	92.8	24.8
12/14/2014	1.70	2.92	0.58	391.4	211.7	54.1
10/9/2014	2.16	2.17	1.00	496.6	195.7	39.4
3/25/2015	2.51	8.58	0.29	578.4	359.2	62.1
7/7/2015	2.08	2.75	0.76	478.4	178.1	37.2
8/8/2015	1.60	0.42	3.84	368.0	136.3	37.0
8/19/2015	1.78	9.75	0.18	409.4	65.8	16.1
9/8/2015	3.25	5.92	0.55	747.5	294.8	39.4
11/5/2015	0.79	1.33	0.59	181.7	29.2	16.1

APPENDIX C – WATER QUALITY DATA

Table 16. Drury-IN Pre-Implementation Water Quality Data

Site	Sample #	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC (uS/cm)	рН	Season
Drury_IN	1-1	8/31/2012	3:49	0.03	0.002	0.305	0.02	106.0	0.0	6.3	6.9	Summer
Drury_IN	1-2	8/31/2012	4:04	0.03	0.004	0.203	0.40	36.5	0.0	4.7	7.0	Summer
Drury_IN	1-3	8/31/2012	4:09	0.05	0.008	0.130	0.21	46.0	0.4	4.0	6.9	Summer
Drury_IN	1-4	8/31/2012	4:44	0.02	0.002	0.150	0.29	29.7	0.3	4.3	7.0	Summer
Drury_IN	1-5	8/31/2012	4:52	0.09	0.025	0.122	0.02	150.3	0.1	3.4	6.9	Summer
Drury_IN	1-6	8/31/2012	5:07	0.06	0.011	0.098	0.58	52.0	2.0	9.9	7.0	Summer
Drury_IN	1-7	8/31/2012	5:22	0.03	0.003	0.076	1.21	21.0	6.7	17.3	7.5	Summer
Drury_IN	1-8	8/31/2012	6:26	0.03	0.002	0.080	0.67	38.7	3.9	10.7	7.8	Summer
Drury_IN	1-9	8/31/2012	6:31	0.04	0.007	0.069	0.31	18.7	0.7	5.5	7.7	Summer
Drury_IN	1-10	8/31/2012	6:46	0.05	0.009	0.062	0.29	8.2	0.0	4.0	7.6	Summer
Drury_IN	1-11	8/31/2012	7:01	0.04	0.005	0.078	0.52	7.0	2.5	6.9	7.6	Summer
Drury_IN	1-12	8/31/2012	7:12	0.03	0.004	0.065	1.06	7.2	2.5	8.0	7.8	Summer
Drury_IN	1-13	8/31/2012	7:20	0.04	0.006	0.079	0.81	4.8	5.5	10.8	8.0	Summer
Drury_IN	2-1	10/12/2012	4:43	0.04	0.005	1.311	4.54	269.0	0.1	7.0	6.9	Fall
Drury_IN	2-2	10/12/2012	4:57	0.29	0.233	0.498	0.60	134.0	0.1	3.3	7.1	Fall
Drury_IN	2-3	10/12/2012	5:12	0.07	0.016	0.538	1.51	82.0	1.8	35.2	8.5	Fall
Drury_IN	2-4	10/12/2012	5:52	0.04	0.005	0.302	1.82	31.5	0.1	23.0	8.8	Fall
Drury_IN	2-5	10/12/2012	5:57	0.07	0.016	0.211	0.64	15.5	0.1	14.6	8.8	Fall
Drury_IN	2-6	10/12/2012	6:12	0.04	0.006	0.219	0.87	6.5	0.1	20.9	8.9	Fall
Drury_IN	2-7	10/12/2012	6:27	0.08	0.020	0.174	0.41	14.0	0.1	8.9	8.8	Fall
Drury_IN	2-8	10/12/2012	6:42	0.08	0.020	0.141	0.39	5.7	0.1	8.7	8.7	Fall
Drury_IN	3-1	11/11/2012	11:53	0.10	0.031	0.213	1.71	108.5	1.4	36.1	7.6	Fall
Drury_IN	3-2	11/11/2012	0:07	0.08	0.018	0.124	1.02	34.3	1.0	20.3	7.3	Fall
Drury_IN	3-3	11/11/2012	12:22	0.05	0.007	0.083	0.96	7.7	1.1	25.8	9.0	Fall
Drury_IN	3-4	11/11/2012	12:56	0.03	0.003	0.121	0.55	4.3	1.6	37.2	9.6	Fall
Drury_IN	3-5	11/11/2012	13:04	0.03	0.004	0.089	0.57	0.7	1.0	27.2	8.8	Fall
Drury_IN	3-6	11/11/2012	13:07	0.03	0.004	0.082	0.53	2.3	1.0	25.7	8.8	Fall
Drury_IN	3-7	11/11/2012	13:46	0.03	0.003	0.112	0.67	7.0	2.8	51.2	9.9	Fall
Drury_IN	3-8	11/11/2012	13:56	0.05	0.009	0.079	0.57	4.3	1.0	26.3	8.7	Fall

Drury_IN 3-9 11/11/2012 14-12 0.04 0.060 0.067 0.45 4.0 1.1 31.3 9.1 Fall Drury_IN 3-10 11/11/2012 14-19 0.04 0.066 0.063 0.41 3.0 1.1 35.4 9.3 Fall Drury_IN 3-11 11/11/2012 14-28 0.03 0.003 0.063 0.49 2.0 1.2 42-3 9.6 Fall Drury_IN 3-12 11/11/2012 15-02 0.03 0.003 0.088 0.49 2.3 1.2 35.1 9.3 Fall Drury_IN 3-13 11/11/2012 15-08 0.04 0.005 0.072 0.41 4.0 1.0 27.1 8.5 Fall Drury_IN 4-1 12/4/2012 1:07 0.04 0.005 0.341 2.15 214.0 2.0 44.8 6.6 Fall Drury_IN 4-1 12/4/2012 1:21 0.05 0.008 0.339 0.90 25.3 1.0 36.0 6.7 Fall Drury_IN 4-3 12/4/2012 2:34 0.03 0.003 0.105 0.65 8.0 1.1 33.7 6.7 Fall Drury_IN 4-4 12/4/2012 2:36 0.03 0.003 0.105 0.65 8.0 1.1 33.7 6.7 Fall Drury_IN 4-5 12/4/2012 2:25 0.03 0.003 0.105 0.65 6.0 1.0 33.0 6.8 Fall Drury_IN 4-6 12/4/2012 2:25 0.03 0.003 0.087 0.52 34.7 1.0 24.3 6.8 Fall Drury_IN 4-7 12/4/2012 3:50 0.09 0.024 0.082 0.38 3.90 0.7 20.1 7.0 Fall Drury_IN 4-8 12/4/2012 3:50 0.09 0.024 0.082 0.38 3.90 0.7 20.1 7.0 Fall Drury_IN 4-8 12/4/2012 3:50 0.09 0.024 0.082 0.38 3.90 0.7 20.1 7.0 Fall Drury_IN 4-9 12/4/2012 3:50 0.04 0.005 0.055 0.42 1.90 0.8 1.99 6.9 Fall Drury_IN 4-9 12/4/2012 3:50 0.04 0.005 0.055 0.42 1.90 0.8 1.99 6.9 Fall Drury_IN 5-1 4/10/2013 3-52 0.03 0.003 0.055 0.74 2.79 3.0 8.01 6.8 Spring Drury_IN 5-2 4/10/2013 3-52 0.03 0.003 0.055 0.74 2.79 3.0 8.01 6.8 Spring Drury_IN 5-3 4/10/2013 5-32 0.03 0.002 0.044 0.055 0.42 2.79 3.0 8.01 6.8 Spring Drury_IN 5-4 4/10/2013 5-32 0.03 0.003 0.055 0.74 2.79 0.30 8.01 6.8 Spring Drury_IN 5-1 4/10/2013 3-52 0.03													
Drury IN 3-11 11/11/2012 14:28 0.03 0.003 0.063 0.49 2.0 1.2 42:3 9.6 Fall Drury IN 3-12 11/11/2012 15:02 0.03 0.003 0.088 0.49 2.3 1.2 35.1 9.3 Fall Drury IN 3-13 11/11/2012 15:02 0.03 0.003 0.088 0.49 2.3 1.2 35.1 9.3 Fall Drury IN 4-1 12/4/2012 1:07 0.04 0.005 0.072 0.41 4.0 1.0 2.71 8.5 Fall Drury IN 4-1 12/4/2012 1:07 0.04 0.005 0.341 2.15 214.0 2.0 44.8 6.6 Fall Drury IN 4-2 12/4/2012 1:21 0.05 0.008 0.139 0.90 25:3 1.0 36.0 6.7 Fall Drury IN 4-3 12/4/2012 2:34 0.03 0.003 0.105 0.65 8.0 1.1 33.7 6.7 Fall Drury IN 4-4 12/4/2012 2:36 0.03 0.003 0.101 0.56 6.0 1.0 33.0 6.8 Fall Drury IN 4-5 12/4/2012 2:52 0.03 0.003 0.037 0.55 6.0 1.0 33.0 6.8 Fall Drury IN 4-5 12/4/2012 2:52 0.03 0.003 0.087 0.52 34.7 1.0 24.3 6.8 Fall Drury IN 4-6 12/4/2012 3:50 0.09 0.024 0.082 0.38 39.0 0.7 20.1 7.0 Fall Drury IN 4-7 12/4/2012 3:30 0.08 0.021 0.04 0.032 0.38 39.0 0.7 20.1 7.0 Fall Drury IN 4-8 12/4/2012 3:50 0.09 0.055 0.42 19.0 0.8 19.9 6.9 Fall Drury IN 4-9 12/4/2012 3:50 0.09 0.006 0.045 0.35 8.0 2.0 43.1 9.2 Fall Drury IN 5-1 4/10/2013 4:32 0.03 0.003 0.555 0.74 279.0 3.0 80.1 6.8 Spring Drury IN 5-2 4/10/2013 4:47 0.10 0.112 0.146 1.00 151.3 1.1 38.5 6.9 Spring Drury IN 5-5 4/10/2013 5:42 0.08 0.002 0.114 1.47 85.3 1.8 53.7 8.8 Spring Drury IN 5-5 4/10/2013 5:42 0.08 0.002 0.014 1.47 85.3 1.8 53.7 8.8 Spring Drury IN 5-5 4/10/2013 5:42 0.08 0.000 0.006 0.045 0.055 0.45 0.00 0.006 0.055 0.45 0.00 0.006 0.055 0.45 0.00 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006	Drury_IN	3-9	11/11/2012	14:12	0.04	0.004	0.067	0.45	4.0	1.1	31.3	9.1	Fall
Drury IN 3-12 11/11/2012 15:02 0.03 0.003 0.088 0.49 2.3 1.2 35.1 9.3 Fall	Drury_IN	3-10	11/11/2012	14:19	0.04	0.006	0.063	0.41	3.0	1.1	35.4	9.3	Fall
Drury_IN 3-13 11/11/2012 15:08 0.04 0.005 0.072 0.41 4.0 1.0 27.1 8.5 Fall Drury_IN 4-1 12/4/2012 1:07 0.04 0.005 0.341 2.15 214.0 2.0 44.8 6.6 Fall Drury_IN 4-2 12/4/2012 1:21 0.05 0.008 0.139 0.90 2.5.3 1.0 36.0 6.7 Fall Drury_IN 4-3 12/4/2012 2:34 0.03 0.003 0.105 0.65 8.0 1.1 33.7 6.7 Fall Drury_IN 4-4 12/4/2012 2:36 0.03 0.003 0.101 0.56 6.0 1.0 33.0 6.8 Fall Drury_IN 4-4 12/4/2012 2:52 0.03 0.003 0.007 0.52 34.7 1.0 24.3 6.8 Fall Drury_IN 4-5 12/4/2012 3:50 0.09 0.024 0.082 0.38 39.0 0.7 20.1 7.0 Fall Drury_IN 4-6 12/4/2012 3:20 0.10 0.029 0.055 0.42 19.0 0.8 19.9 6.9 Fall Drury_IN 4-7 12/4/2012 3:25 0.08 0.021 0.044 0.31 1.00 1.0 33.2 7.1 Fall Drury_IN 4-9 12/4/2012 3:35 0.08 0.021 0.044 0.31 1.00 1.0 33.2 7.1 Fall Drury_IN 4-9 12/4/2012 3:35 0.08 0.021 0.044 0.31 1.00 1.0 33.2 7.1 Fall Drury_IN 5-1 4/10/2013 4:32 0.03 0.003 0.555 0.74 279.0 3.0 80.1 6.8 Spring Drury_IN 5-2 4/10/2013 4:32 0.03 0.003 0.555 0.74 279.0 3.0 80.1 6.8 Spring Drury_IN 5-3 4/10/2013 5:36 0.03 0.002 0.114 1.47 85.3 1.8 53.7 8.8 Spring Drury_IN 5-5 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 10.8 9.9 Spring Drury_IN 5-6 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 10.8 9.9 Spring Drury_IN 5-6 4/10/2013 17:17 0.14 0.100 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-6 4/10/2013 17:17 0.14 0.100 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-10 4/10/2013 17:17 0.14 0.100 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-10 4/10/2013 18:02 0.08 0.061 0.037 0.45 0.05 0.04 0.04 0.05 0.05 0.04 0.05 0.05 0.05 0.05 0	Drury_IN	3-11	11/11/2012	14:28	0.03	0.003	0.063	0.49	2.0	1.2	42.3	9.6	Fall
Drury IN	Drury_IN	3-12	11/11/2012	15:02	0.03	0.003	0.088	0.49	2.3	1.2	35.1	9.3	Fall
Drury_IN 4-2 12/4/2012 1:21 0.05 0.008 0.139 0.90 25.3 1.0 36.0 6.7 Fall	Drury_IN	3-13	11/11/2012	15:08	0.04	0.005	0.072	0.41	4.0	1.0	27.1	8.5	Fall
Drury_IN	Drury_IN	4-1	12/4/2012	1:07	0.04	0.005	0.341	2.15	214.0	2.0	44.8	6.6	Fall
Drury_IN 4-4 12/4/2012 2:36 0.03 0.003 0.101 0.56 6.0 1.0 33.0 6.8 Fall	Drury_IN	4-2	12/4/2012	1:21	0.05	0.008	0.139	0.90	25.3	1.0	36.0	6.7	Fall
Drury N	Drury_IN	4-3	12/4/2012	2:34	0.03	0.003	0.105	0.65	8.0	1.1	33.7	6.7	Fall
Drury_IN 4-6 12/4/2012 3:05 0.09 0.024 0.082 0.38 39.0 0.7 20.1 7.0 Fall	Drury_IN	4-4	12/4/2012	2:36	0.03	0.003	0.101	0.56	6.0	1.0	33.0	6.8	Fall
Drury IN 4-7 12/4/2012 3:20 0.10 0.029 0.055 0.42 19.0 0.8 19.9 6.9 Fall	Drury_IN	4-5	12/4/2012	2:52	0.03	0.003	0.087	0.52	34.7	1.0	24.3	6.8	Fall
Drury IN 4-8 12/4/2012 3:35 0.08 0.021 0.044 0.31 10.0 1.0 33.2 7.1 Fall Drury IN 4-9 12/4/2012 3:50 0.04 0.006 0.045 0.35 8.0 2.0 43.1 9.2 Fall Drury IN 5-1 4/10/2013 4:32 0.03 0.003 0.555 0.74 279.0 3.0 80.1 6.8 Spring Drury IN 5-2 4/10/2013 4:47 0.10 0.112 0.146 1.00 151.3 1.1 38.5 6.9 Spring Drury IN 5-3 4/10/2013 5:42 0.08 0.070 0.087 1.38 40.3 2.0 52.9 7.3 Spring Drury IN 5-5 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 103.8 9.9 Spring Drury IN 5-6 4/10/2013 17:12 0.08 0.061	Drury_IN	4-6	12/4/2012	3:05	0.09	0.024	0.082	0.38	39.0	0.7	20.1	7.0	Fall
Drury_IN 4-9 12/4/2012 3:50 0.04 0.006 0.045 0.35 8.0 2.0 43.1 9.2 Fall	Drury_IN	4-7	12/4/2012	3:20	0.10	0.029	0.055	0.42	19.0	0.8	19.9	6.9	Fall
Drury_IN 5-1 4/10/2013 4:32 0.03 0.003 0.555 0.74 279.0 3.0 80.1 6.8 Spring Drury_IN 5-2 4/10/2013 4:47 0.10 0.112 0.146 1.00 151.3 1.1 38.5 6.9 Spring Drury_IN 5-3 4/10/2013 5:36 0.03 0.002 0.114 1.47 85.3 1.8 53.7 8.8 Spring Drury_IN 5-4 4/10/2013 5:42 0.08 0.070 0.087 1.38 40.3 2.0 52.9 7.3 Spring Drury_IN 5-5 4/10/2013 15:12 0.08 0.061 0.122 1.11 137.7 1.2 35.1 7.3 Spring Drury_IN 5-6 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Drury_IN 5-8 4/10/2013 17:47 0.07 0.056 <td>Drury_IN</td> <td>4-8</td> <td>12/4/2012</td> <td>3:35</td> <td>0.08</td> <td>0.021</td> <td>0.044</td> <td>0.31</td> <td>10.0</td> <td>1.0</td> <td>33.2</td> <td>7.1</td> <td>Fall</td>	Drury_IN	4-8	12/4/2012	3:35	0.08	0.021	0.044	0.31	10.0	1.0	33.2	7.1	Fall
Drury_IN 5-2 4/10/2013 4:47 0.10 0.112 0.146 1.00 151.3 1.1 38.5 6.9 Spring Drury_IN 5-3 4/10/2013 5:36 0.03 0.002 0.114 1.47 85.3 1.8 53.7 8.8 Spring Drury_IN 5-4 4/10/2013 5:42 0.08 0.070 0.087 1.38 40.3 2.0 52.9 7.3 Spring Drury_IN 5-5 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 103.8 9.9 Spring Drury_IN 5-6 4/10/2013 17:12 0.08 0.061 0.122 1.11 137.7 1.2 35.1 7.3 Spring Drury_IN 5-8 4/10/2013 17:17 0.14 0.190 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-8 4/10/2013 17:47 0.07 0.056 <td>Drury_IN</td> <td>4-9</td> <td>12/4/2012</td> <td>3:50</td> <td>0.04</td> <td>0.006</td> <td>0.045</td> <td>0.35</td> <td>8.0</td> <td>2.0</td> <td>43.1</td> <td>9.2</td> <td>Fall</td>	Drury_IN	4-9	12/4/2012	3:50	0.04	0.006	0.045	0.35	8.0	2.0	43.1	9.2	Fall
Drury_IN 5-3 4/10/2013 5:36 0.03 0.002 0.114 1.47 85:3 1.8 53.7 8.8 Spring Drury_IN 5-4 4/10/2013 5:42 0.08 0.070 0.087 1.38 40.3 2.0 52.9 7.3 Spring Drury_IN 5-5 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 103.8 9.9 Spring Drury_IN 5-6 4/10/2013 17:12 0.08 0.061 0.122 1.11 137.7 1.2 35.1 7.3 Spring Drury_IN 5-7 4/10/2013 17:17 0.14 0.190 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-8 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Drury_IN 5-9 4/10/2013 18:02 0.08 0.063 <td>Drury_IN</td> <td>5-1</td> <td>4/10/2013</td> <td>4:32</td> <td>0.03</td> <td>0.003</td> <td>0.555</td> <td>0.74</td> <td>279.0</td> <td>3.0</td> <td>80.1</td> <td>6.8</td> <td>Spring</td>	Drury_IN	5-1	4/10/2013	4:32	0.03	0.003	0.555	0.74	279.0	3.0	80.1	6.8	Spring
Drury_IN 5-4 4/10/2013 5:42 0.08 0.070 0.087 1.38 40.3 2.0 52.9 7.3 Spring Drury_IN 5-5 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 103.8 9.9 Spring Drury_IN 5-6 4/10/2013 17:12 0.08 0.061 0.122 1.11 137.7 1.2 35.1 7.3 Spring Drury_IN 5-7 4/10/2013 17:17 0.14 0.190 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-8 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Drury_IN 5-9 4/10/2013 17:47 0.07 0.056 0.048 0.60 7.0 3.1 81.7 10.1 Spring Drury_IN 5-10 4/10/2013 18:02 0.08 0.063 </td <td>Drury_IN</td> <td>5-2</td> <td>4/10/2013</td> <td>4:47</td> <td>0.10</td> <td>0.112</td> <td>0.146</td> <td>1.00</td> <td>151.3</td> <td>1.1</td> <td>38.5</td> <td>6.9</td> <td>Spring</td>	Drury_IN	5-2	4/10/2013	4:47	0.10	0.112	0.146	1.00	151.3	1.1	38.5	6.9	Spring
Drury_IN 5-5 4/10/2013 5:52 0.03 0.004 0.095 1.44 21.7 5.0 103.8 9.9 Spring Drury_IN 5-6 4/10/2013 17:12 0.08 0.061 0.122 1.11 137.7 1.2 35.1 7.3 Spring Drury_IN 5-7 4/10/2013 17:17 0.14 0.190 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-8 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Drury_IN 5-9 4/10/2013 17:47 0.07 0.056 0.048 0.60 7.0 3.1 81.7 10.1 Spring Drury_IN 5-10 4/10/2013 18:02 0.08 0.063 0.041 0.41 4.7 2.9 92.8 10.3 Spring Drury_IN 5-11 4/10/2013 18:17 0.09 0.090	Drury_IN	5-3	4/10/2013	5:36	0.03	0.002	0.114	1.47	85.3	1.8	53.7	8.8	Spring
Drury_IN 5-6 4/10/2013 17:12 0.08 0.061 0.122 1.11 137.7 1.2 35.1 7.3 Spring Drury_IN 5-7 4/10/2013 17:17 0.14 0.190 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-8 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Drury_IN 5-9 4/10/2013 17:47 0.07 0.056 0.048 0.60 7.0 3.1 81.7 10.1 Spring Drury_IN 5-10 4/10/2013 18:02 0.08 0.063 0.041 0.41 4.7 2.9 92.8 10.3 Spring Drury_IN 5-11 4/10/2013 18:17 0.09 0.090 0.055 0.45 20.7 1.8 71.7 10.1 Spring Drury_IN 5-12 4/10/2013 18:32 0.08 0.0	Drury_IN	5-4	4/10/2013	5:42	0.08	0.070	0.087	1.38	40.3	2.0	52.9	7.3	Spring
Drury_IN 5-7 4/10/2013 17:17 0.14 0.190 0.073 0.58 48.3 0.8 21.8 7.0 Spring Drury_IN 5-8 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Drury_IN 5-9 4/10/2013 17:47 0.07 0.056 0.048 0.60 7.0 3.1 81.7 10.1 Spring Drury_IN 5-10 4/10/2013 18:02 0.08 0.063 0.041 0.41 4.7 2.9 92.8 10.3 Spring Drury_IN 5-11 4/10/2013 18:17 0.09 0.090 0.055 0.45 20.7 1.8 71.7 10.1 Spring Drury_IN 5-12 4/10/2013 18:32 0.08 0.061 0.037 0.45 5.0 2.1 96.3 10.2 Spring Drury_IN 5-13 4/10/2013 19:04 0.03 0.0	Drury_IN	5-5	4/10/2013	5:52	0.03	0.004	0.095	1.44	21.7	5.0	103.8	9.9	Spring
Druy_IN 5-8 4/10/2013 17:32 0.10 0.108 0.051 0.66 15.0 1.4 30.9 7.5 Spring Druy_IN 5-9 4/10/2013 17:47 0.07 0.056 0.048 0.60 7.0 3.1 81.7 10.1 Spring Druy_IN 5-10 4/10/2013 18:02 0.08 0.063 0.041 0.41 4.7 2.9 92.8 10.3 Spring Druy_IN 5-11 4/10/2013 18:17 0.09 0.090 0.055 0.45 20.7 1.8 71.7 10.1 Spring Druy_IN 5-12 4/10/2013 18:32 0.08 0.061 0.037 0.45 5.0 2.1 96.3 10.2 Spring Druy_IN 5-13 4/10/2013 19:04 0.03 0.002 0.043 0.86 4.0 4.4 27.3 11.0 Spring Druy_IN 5-14 4/10/2013 19:07 0.03 0.006 <td>Drury_IN</td> <td>5-6</td> <td>4/10/2013</td> <td>17:12</td> <td>0.08</td> <td>0.061</td> <td>0.122</td> <td>1.11</td> <td>137.7</td> <td>1.2</td> <td>35.1</td> <td>7.3</td> <td>Spring</td>	Drury_IN	5-6	4/10/2013	17:12	0.08	0.061	0.122	1.11	137.7	1.2	35.1	7.3	Spring
Drury_IN 5-9 4/10/2013 17:47 0.07 0.056 0.048 0.60 7.0 3.1 81.7 10.1 Spring Drury_IN 5-10 4/10/2013 18:02 0.08 0.063 0.041 0.41 4.7 2.9 92.8 10.3 Spring Drury_IN 5-11 4/10/2013 18:17 0.09 0.090 0.055 0.45 20.7 1.8 71.7 10.1 Spring Drury_IN 5-12 4/10/2013 18:32 0.08 0.061 0.037 0.45 5.0 2.1 96.3 10.2 Spring Drury_IN 5-13 4/10/2013 19:04 0.03 0.002 0.043 0.86 4.0 4.4 27.3 11.0 Spring Drury_IN 5-14 4/10/2013 19:07 0.03 0.006 0.036 1.84 6.3 3.1 20.1 10.7 Spring Drury_IN 5-15 4/10/2013 19:22 0.04 0	Drury_IN	5-7	4/10/2013	17:17	0.14	0.190	0.073	0.58	48.3	0.8	21.8	7.0	Spring
Drury_IN 5-10 4/10/2013 18:02 0.08 0.063 0.041 0.41 4.7 2.9 92.8 10.3 Spring Drury_IN 5-11 4/10/2013 18:17 0.09 0.090 0.055 0.45 20.7 1.8 71.7 10.1 Spring Drury_IN 5-12 4/10/2013 18:32 0.08 0.061 0.037 0.45 5.0 2.1 96.3 10.2 Spring Drury_IN 5-13 4/10/2013 19:04 0.03 0.002 0.043 0.86 4.0 4.4 27.3 11.0 Spring Drury_IN 5-14 4/10/2013 19:07 0.03 0.006 0.036 1.84 6.3 3.1 20.1 10.7 Spring Drury_IN 5-15 4/10/2013 19:22 0.04 0.015 0.047 0.68 3.0 2.8 17.8 10.6 Spring Drury_IN 6-1 4/26/2013 6:23 0.03 0.	Drury_IN	5-8	4/10/2013	17:32	0.10	0.108	0.051	0.66	15.0	1.4	30.9	7.5	Spring
Drury_IN 5-11 4/10/2013 18:17 0.09 0.090 0.055 0.45 20.7 1.8 71.7 10.1 Spring Drury_IN 5-12 4/10/2013 18:32 0.08 0.061 0.037 0.45 5.0 2.1 96.3 10.2 Spring Drury_IN 5-13 4/10/2013 19:04 0.03 0.002 0.043 0.86 4.0 4.4 27.3 11.0 Spring Drury_IN 5-14 4/10/2013 19:07 0.03 0.006 0.036 1.84 6.3 3.1 20.1 10.7 Spring Drury_IN 5-15 4/10/2013 19:22 0.04 0.015 0.047 0.68 3.0 2.8 17.8 10.6 Spring Drury_IN 6-1 4/26/2013 6:23 0.03 0.007 0.191 1.29 26.3 0.9 552.0 6.9 Spring Drury_IN 6-2 4/26/2013 6:37 0.03 0.0	Drury_IN	5-9	4/10/2013	17:47	0.07	0.056	0.048	0.60	7.0	3.1	81.7	10.1	Spring
Drury_IN 5-12 4/10/2013 18:32 0.08 0.061 0.037 0.45 5.0 2.1 96.3 10.2 Spring Drury_IN 5-13 4/10/2013 19:04 0.03 0.002 0.043 0.86 4.0 4.4 27.3 11.0 Spring Drury_IN 5-14 4/10/2013 19:07 0.03 0.006 0.036 1.84 6.3 3.1 20.1 10.7 Spring Drury_IN 5-15 4/10/2013 19:22 0.04 0.015 0.047 0.68 3.0 2.8 17.8 10.6 Spring Drury_IN 6-1 4/26/2013 6:23 0.03 0.007 0.191 1.29 26.3 0.9 552.0 6.9 Spring Drury_IN 6-2 4/26/2013 6:37 0.03 0.007 0.092 1.49 13.0 0.8 49.6 6.9 Spring Drury_IN 6-3 4/26/2013 6:52 0.04 0.015<	Drury_IN	5-10	4/10/2013	18:02	0.08	0.063	0.041	0.41	4.7	2.9	92.8	10.3	Spring
Drury_IN 5-13 4/10/2013 19:04 0.03 0.002 0.043 0.86 4.0 4.4 27.3 11.0 Spring Drury_IN 5-14 4/10/2013 19:07 0.03 0.006 0.036 1.84 6.3 3.1 20.1 10.7 Spring Drury_IN 5-15 4/10/2013 19:22 0.04 0.015 0.047 0.68 3.0 2.8 17.8 10.6 Spring Drury_IN 6-1 4/26/2013 6:23 0.03 0.007 0.191 1.29 26.3 0.9 552.0 6.9 Spring Drury_IN 6-2 4/26/2013 6:37 0.03 0.007 0.092 1.49 13.0 0.8 49.6 6.9 Spring Drury_IN 6-3 4/26/2013 6:52 0.04 0.015 0.092 1.00 15.7 0.8 46.3 7.0 Spring Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 <td>Drury_IN</td> <td>5-11</td> <td>4/10/2013</td> <td>18:17</td> <td>0.09</td> <td>0.090</td> <td>0.055</td> <td>0.45</td> <td>20.7</td> <td>1.8</td> <td>71.7</td> <td>10.1</td> <td>Spring</td>	Drury_IN	5-11	4/10/2013	18:17	0.09	0.090	0.055	0.45	20.7	1.8	71.7	10.1	Spring
Drury_IN 5-14 4/10/2013 19:07 0.03 0.006 0.036 1.84 6.3 3.1 20.1 10.7 Spring Drury_IN 5-15 4/10/2013 19:22 0.04 0.015 0.047 0.68 3.0 2.8 17.8 10.6 Spring Drury_IN 6-1 4/26/2013 6:23 0.03 0.007 0.191 1.29 26.3 0.9 552.0 6.9 Spring Drury_IN 6-2 4/26/2013 6:37 0.03 0.007 0.092 1.49 13.0 0.8 49.6 6.9 Spring Drury_IN 6-3 4/26/2013 6:52 0.04 0.015 0.092 1.00 15.7 0.8 46.3 7.0 Spring Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 0.081 0.84 5.0 1.0 48.4 7.1 Spring Drury_IN 6-5 4/26/2013 7:22 0.03 0.005	Drury_IN	5-12	4/10/2013	18:32	0.08	0.061	0.037	0.45	5.0	2.1	96.3	10.2	Spring
Drury_IN 5-15 4/10/2013 19:22 0.04 0.015 0.047 0.68 3.0 2.8 17.8 10.6 Spring Drury_IN 6-1 4/26/2013 6:23 0.03 0.007 0.191 1.29 26.3 0.9 552.0 6.9 Spring Drury_IN 6-2 4/26/2013 6:37 0.03 0.007 0.092 1.49 13.0 0.8 49.6 6.9 Spring Drury_IN 6-3 4/26/2013 6:52 0.04 0.015 0.092 1.00 15.7 0.8 46.3 7.0 Spring Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 0.081 0.84 5.0 1.0 48.4 7.1 Spring Drury_IN 6-5 4/26/2013 7:22 0.03 0.005 0.077 0.86 4.0 1.2 50.9 7.2 Spring	Drury_IN	5-13	4/10/2013	19:04	0.03	0.002	0.043	0.86	4.0	4.4	27.3	11.0	Spring
Drury_IN 6-1 4/26/2013 6:23 0.03 0.007 0.191 1.29 26.3 0.9 552.0 6.9 Spring Drury_IN 6-2 4/26/2013 6:37 0.03 0.007 0.092 1.49 13.0 0.8 49.6 6.9 Spring Drury_IN 6-3 4/26/2013 6:52 0.04 0.015 0.092 1.00 15.7 0.8 46.3 7.0 Spring Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 0.081 0.84 5.0 1.0 48.4 7.1 Spring Drury_IN 6-5 4/26/2013 7:22 0.03 0.005 0.077 0.86 4.0 1.2 50.9 7.2 Spring	Drury_IN	5-14	4/10/2013	19:07	0.03	0.006	0.036	1.84	6.3	3.1	20.1	10.7	Spring
Drury_IN 6-2 4/26/2013 6:37 0.03 0.007 0.092 1.49 13.0 0.8 49.6 6.9 Spring Drury_IN 6-3 4/26/2013 6:52 0.04 0.015 0.092 1.00 15.7 0.8 46.3 7.0 Spring Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 0.081 0.84 5.0 1.0 48.4 7.1 Spring Drury_IN 6-5 4/26/2013 7:22 0.03 0.005 0.077 0.86 4.0 1.2 50.9 7.2 Spring	Drury_IN	5-15	4/10/2013	19:22	0.04	0.015	0.047	0.68	3.0	2.8	17.8	10.6	Spring
Drury_IN 6-3 4/26/2013 6:52 0.04 0.015 0.092 1.00 15.7 0.8 46.3 7.0 Spring Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 0.081 0.84 5.0 1.0 48.4 7.1 Spring Drury_IN 6-5 4/26/2013 7:22 0.03 0.005 0.077 0.86 4.0 1.2 50.9 7.2 Spring	Drury_IN	6-1	4/26/2013	6:23	0.03	0.007	0.191	1.29	26.3	0.9	552.0	6.9	Spring
Drury_IN 6-4 4/26/2013 7:07 0.04 0.010 0.081 0.84 5.0 1.0 48.4 7.1 Spring Drury_IN 6-5 4/26/2013 7:22 0.03 0.005 0.077 0.86 4.0 1.2 50.9 7.2 Spring	Drury_IN	6-2	4/26/2013	6:37	0.03	0.007	0.092	1.49	13.0	0.8	49.6	6.9	Spring
Drury_IN 6-5 4/26/2013 7:22 0.03 0.005 0.077 0.86 4.0 1.2 50.9 7.2 Spring	Drury_IN	6-3	4/26/2013	6:52	0.04	0.015	0.092	1.00	15.7	0.8	46.3	7.0	Spring
	Drury_IN	6-4	4/26/2013	7:07	0.04	0.010	0.081	0.84	5.0	1.0	48.4	7.1	Spring
Drury_IN 6-6 4/26/2013 7:34 0.03 0.002 0.078 1.06 4.0 1.4 55.2 7.2 Spring	Drury_IN	6-5	4/26/2013	7:22	0.03	0.005	0.077	0.86	4.0	1.2	50.9	7.2	Spring
	Drury_IN	6-6	4/26/2013	7:34	0.03	0.002	0.078	1.06	4.0	1.4	55.2	7.2	Spring

Drury_IN 6-7													
Drury_IN 6-9 4/26/2013 8:09 0.04 0.010 0.059 0.04 1.0 1.4 56.0 7.3 Spring Drury_IN 6-10 4/26/2013 8:56 0.03 0.005 0.058 1.08 8.7 1.9 67.8 7.4 Spring Drury_IN 6-11 4/26/2013 9:23 0.07 0.056 0.051 1.22 6.3 2.2 67.9 7.4 Spring Drury_IN 6-12 4/26/2013 9:38 0.03 0.002 0.055 1.18 5.3 2.8 8.7 8.1 Spring Drury_IN 6-13 4/26/2013 9:38 0.03 0.002 0.055 1.18 5.3 2.8 8.7 8.1 Spring Drury_IN 6-13 4/26/2013 9:38 0.03 0.002 0.055 1.18 5.3 2.8 8.7 8.1 Spring Drury_IN 6-15 4/26/2013 10:52 0.03 0.003 0.047 1.10 2.0 2.5 92.8 9.2 Spring Drury_IN 6-15 4/26/2013 10:52 0.03 0.003 0.047 1.10 2.0 2.5 92.8 9.2 Spring Drury_IN 6-16 4/26/2013 10:59 0.04 0.018 0.049 0.84 5.0 2.0 73.0 8.4 Spring Drury_IN 6-16 4/26/2013 11:14 0.04 0.013 0.043 0.79 3.7 2.1 78.8 9.2 Spring Drury_IN 6-18 4/26/2013 11:19 0.08 0.075 0.070 0.65 13.3 1.2 46.7 7.9 Spring Drury_IN 6-19 4/26/2013 11:40 0.08 0.075 0.070 0.65 13.3 1.2 46.7 7.9 Spring Drury_IN 6-20 4/26/2013 11:59 0.08 0.063 0.073 0.59 23.0 1.3 54.0 9.5 Spring Drury_IN 6-22 4/26/2013 11:54 0.09 0.080 0.046 0.55 7.3 2.0 114.4 10.2 Spring Drury_IN 6-22 4/26/2013 12:24 0.09 0.080 0.046 0.55 7.3 2.0 114.4 10.2 Spring Drury_IN 6-22 4/26/2013 12:24 0.09 0.080 0.046 0.55 7.3 2.0 114.4 10.2 Spring Drury_IN 6-22 4/26/2013 12:24 0.09 0.068 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury_IN 6-22 4/26/2013 12:24 0.09 0.068 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury_IN 6-24 4/26/2013 12:24 0.08 0.017 0.192 1.20 60.3 0.99 2.70 7.0 Summer Drury_IN 7-1 9/20/2013 0.27 0.11 0.08 0.017 0.150 0.99 0.70 0.99 3.70 7.5 S	Drury_IN	6-7	4/26/2013	7:47	0.04	0.011	0.067	0.90	4.5	1.0	50.1	7.2	Spring
Drury_IN 6-10 4/26/2013 8:56 0.03 0.005 0.058 1.08 8.7 1.9 67.8 7.4 Spring Drury_IN 6-11 4/26/2013 9:08 0.08 0.061 0.065 1.29 26.7 1.4 50.6 7.2 Spring Drury_IN 6-12 4/26/2013 9:23 0.07 0.056 0.051 1.22 6.3 2.2 6.7 7.4 Spring Drury_IN 6-13 4/26/2013 9:38 0.03 0.002 0.055 1.18 5.3 2.8 88.7 8.1 Spring Drury_IN 6-14 4/26/2013 9:44 0.04 0.010 0.053 1.12 3.3 2.6 80.0 8.0 Spring Drury_IN 6-15 4/26/2013 10:52 0.03 0.003 0.047 1.10 2.0 2.5 92.8 9.2 Spring Drury_IN 6-16 4/26/2013 10:59 0.04 0.018 0.049 0.84 5.0 2.0 73.0 8.4 Spring Drury_IN 6-16 4/26/2013 11:14 0.04 0.013 0.043 0.79 3.7 2.1 78.8 9.2 Spring Drury_IN 6-17 4/26/2013 11:14 0.04 0.013 0.043 0.79 3.7 2.1 78.8 9.2 Spring Drury_IN 6-18 4/26/2013 11:24 0.08 0.075 0.070 0.65 13.3 1.2 46.7 7.9 Spring Drury_IN 6-19 4/26/2013 11:24 0.08 0.075 0.070 0.65 13.3 1.2 46.7 7.9 Spring Drury_IN 6-20 4/26/2013 11:59 0.08 0.063 0.073 0.59 23.0 1.3 54.0 9.5 Spring Drury_IN 6-21 4/26/2013 12:24 0.08 0.072 0.046 0.53 7.3 2.0 114.4 10.2 Spring Drury_IN 6-22 4/26/2013 12:25 0.03 0.022 0.046 0.51 5.3 7.3 2.0 114.4 10.2 Spring Drury_IN 6-24 4/26/2013 12:25 0.03 0.002 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury_IN 6-24 4/26/2013 15:22 0.03 0.002 0.068 0.99 9.7 1.7 7.9 1.9 6.5 Spring Drury_IN 6-24 4/26/2013 15:22 0.03 0.005 0.052 0.90 9.7 1.7 7.9 9.6 Spring Drury_IN 6-24 4/26/2013 15:22 0.03 0.005 0.052 0.90 9.7 1.7 7.9 9.6 Spring Drury_IN 7.4 9/20/2013 0.12 0.08 0.017 0.167 0.92 7.0 0.9 3.70 7.0 Spring Drury_IN 7.4 9/20/2013 0.12 0.08 0.017 0.167 0.92 7.0 0.9 3.70 7.0 Spring Drury_IN 7.4 9/20/2013 0.12	Drury_IN	6-8	4/26/2013	7:54	0.03	0.003	0.059	1.55	10.0	1.3	53.7	7.2	Spring
Drury_IN 6-11	Drury_IN	6-9	4/26/2013	8:09	0.04	0.010	0.059	0.94	1.0	1.4	56.0	7.3	Spring
Drury_IN 6-12	Drury_IN	6-10	4/26/2013	8:56	0.03	0.005	0.058	1.08	8.7	1.9	67.8	7.4	Spring
Drury IN 6-13 4/26/2013 9:38 0.03 0.002 0.055 1.18 5.3 2.8 88.7 8.1 Spring Drury IN 6-14 4/26/2013 9:44 0.04 0.010 0.053 1.12 3.3 2.6 80.0 8.0 Spring Drury IN 6-15 4/26/2013 10:52 0.03 0.003 0.047 1.10 2.0 2.5 92.8 9.2 Spring Drury IN 6-16 4/26/2013 10:59 0.04 0.018 0.049 0.84 5.0 2.0 73.0 8.4 Spring Drury IN 6-16 4/26/2013 11:14 0.04 0.013 0.043 0.79 3.7 2.1 78.8 9.2 Spring Drury IN 6-17 4/26/2013 11:14 0.04 0.013 0.043 0.79 3.7 2.1 78.8 9.2 Spring Drury IN 6-18 4/26/2013 11:29 0.08 0.075 0.070 0.65 13.3 1.2 46.7 7.9 Spring Drury IN 6-19 4/26/2013 11:39 0.08 0.063 0.073 0.59 8.3 2.0 70.2 9.3 Spring Drury IN 6-20 4/26/2013 11:39 0.08 0.063 0.073 0.59 23.0 1.3 54.0 9.5 Spring Drury IN 6-21 4/26/2013 12:24 0.09 0.080 0.046 0.53 7.3 2.0 114.4 10.2 Spring Drury IN 6-22 4/26/2013 12:29 0.05 0.022 0.046 0.71 5.3 3.2 207.0 10.6 Spring Drury IN 6-23 4/26/2013 15:32 0.03 0.002 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury IN 6-24 4/26/2013 15:42 0.03 0.002 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury IN 7-1 9/20/2013 15:42 0.03 0.005 0.052 0.90 9.7 1.7 79.1 9.6 Spring Drury IN 7-2 9/20/2013 0.12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury IN 7-3 9/20/2013 0.12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury IN 7-3 9/20/2013 0.12 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury IN 7-5 9/20/2013 0.12 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury IN 7-5 9/20/2013 1.12 0.09 0.024 0.130 0.28 4.3 1.0 4.0 8.6 Summer Drury IN 7-8 9/20/2013 1.57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury IN	Drury_IN	6-11	4/26/2013	9:08	0.08	0.061	0.065	1.29	26.7	1.4	50.6	7.2	Spring
Drury_IN 6-14 4/26/2013 9:44 0.04 0.010 0.053 1.12 3.3 2.6 80.0 8.0 Spring	Drury_IN	6-12	4/26/2013	9:23	0.07	0.056	0.051	1.22	6.3	2.2	67.9	7.4	Spring
Drury_IN 6-15 4/26/2013 10:52 0.03 0.003 0.047 1.10 2.0 2.5 92.8 9.2 Spring	Drury_IN	6-13	4/26/2013	9:38	0.03	0.002	0.055	1.18	5.3	2.8	88.7	8.1	Spring
Drury IN 6-16 4/26/2013 10:59 0.04 0.018 0.049 0.84 5.0 2.0 73.0 8.4 Spring	Drury_IN	6-14	4/26/2013	9:44	0.04	0.010	0.053	1.12	3.3	2.6	80.0	8.0	Spring
Drury IN 6-17	Drury_IN	6-15	4/26/2013	10:52	0.03	0.003	0.047	1.10	2.0	2.5	92.8	9.2	Spring
Drury IN 6-18 4/26/2013 11:29 0.08 0.075 0.070 0.65 13.3 1.2 46.7 7.9 Spring	Drury_IN	6-16	4/26/2013	10:59	0.04	0.018	0.049	0.84	5.0	2.0	73.0	8.4	Spring
Drury_IN 6-19 4/26/2013 11:44 0.08 0.072 0.042 0.59 8.3 2.0 70.2 9.3 Spring	Drury_IN	6-17	4/26/2013	11:14	0.04	0.013	0.043	0.79	3.7	2.1	78.8	9.2	Spring
Drury IN 6-20 4/26/2013 11:59 0.08 0.063 0.073 0.59 23.0 1.3 54.0 9.5 Spring Drury_IN 6-21 4/26/2013 12:14 0.09 0.080 0.046 0.53 7.3 2.0 114.4 10.2 Spring Drury_IN 6-22 4/26/2013 12:29 0.05 0.022 0.046 0.71 5.3 3.2 207.0 10.6 Spring Drury_IN 6-23 4/26/2013 15:42 0.03 0.005 0.052 0.90 9.7 1.7 79.1 9.6 Spring Drury_IN 6-24 4/26/2013 0.12 0.08 0.017 0.192 1.20 66.3 0.9 27.0 7.0 Summer Drury_IN 7-1 9/20/2013 0.27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0.57 0.08 0.017	Drury_IN	6-18	4/26/2013	11:29	0.08	0.075	0.070	0.65	13.3	1.2	46.7	7.9	Spring
Drury_IN 6-21 4/26/2013 12:14 0.09 0.080 0.046 0.53 7.3 2.0 114.4 10.2 Spring Drury_IN 6-22 4/26/2013 12:29 0.05 0.022 0.046 0.71 5.3 3.2 207.0 10.6 Spring Drury_IN 6-23 4/26/2013 15:22 0.03 0.002 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury_IN 6-24 4/26/2013 15:42 0.03 0.005 0.052 0.90 9.7 1.7 79.1 9.6 Spring Drury_IN 7-1 9/20/2013 0:12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury_IN 7-2 9/20/2013 0:27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0:57 0.08 0.017	Drury_IN	6-19	4/26/2013	11:44	0.08	0.072	0.042	0.59	8.3	2.0	70.2	9.3	Spring
Drury_IN 6-22 4/26/2013 12:29 0.05 0.022 0.046 0.71 5.3 3.2 207.0 10.6 Spring Drury_IN 6-23 4/26/2013 15:22 0.03 0.002 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury_IN 6-24 4/26/2013 15:42 0.03 0.005 0.052 0.90 9.7 1.7 79.1 9.6 Spring Drury_IN 7-1 9/20/2013 0:12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury_IN 7-2 9/20/2013 0:27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0:57 0.08 0.017 0.167 0.59 5.0 1.1 45.7 7.8 Summer Drury_IN 7-4 9/20/2013 1:12 0.09 0.024 <td>Drury_IN</td> <td>6-20</td> <td>4/26/2013</td> <td>11:59</td> <td>0.08</td> <td>0.063</td> <td>0.073</td> <td>0.59</td> <td>23.0</td> <td>1.3</td> <td>54.0</td> <td>9.5</td> <td>Spring</td>	Drury_IN	6-20	4/26/2013	11:59	0.08	0.063	0.073	0.59	23.0	1.3	54.0	9.5	Spring
Drury_IN 6-23 4/26/2013 15:22 0.03 0.002 0.068 0.98 9.3 2.3 113.2 10.2 Spring Drury_IN 6-24 4/26/2013 15:42 0.03 0.005 0.052 0.90 9.7 1.7 79.1 9.6 Spring Drury_IN 7-1 9/20/2013 0:12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury_IN 7-2 9/20/2013 0:27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0:42 0.08 0.018 0.175 0.59 5.0 1.1 45.7 7.8 Summer Drury_IN 7-4 9/20/2013 0:57 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury_IN 7-5 9/20/2013 1:27 0.08 0.019	Drury_IN	6-21	4/26/2013	12:14	0.09	0.080	0.046	0.53	7.3	2.0	114.4	10.2	Spring
Drury_IN 6-24 4/26/2013 15:42 0.03 0.055 0.052 0.90 9.7 1.7 79:1 9.6 Spring Drury_IN 7-1 9/20/2013 0:12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury_IN 7-2 9/20/2013 0:27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0:42 0.08 0.018 0.175 0.59 5.0 1.1 45.7 7.8 Summer Drury_IN 7-4 9/20/2013 0:57 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury_IN 7-5 9/20/2013 1:12 0.09 0.024 0.130 0.28 4.3 1.0 40.0 8.6 Summer Drury_IN 7-6 9/20/2013 1:27 0.08 0.019	Drury_IN	6-22	4/26/2013	12:29	0.05	0.022	0.046	0.71	5.3	3.2	207.0	10.6	Spring
Drury_IN 7-1 9/20/2013 0:12 0.08 0.017 0.192 1.20 60.3 0.9 27.0 7.0 Summer Drury_IN 7-2 9/20/2013 0:27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0:42 0.08 0.018 0.175 0.59 5.0 1.1 45.7 7.8 Summer Drury_IN 7-4 9/20/2013 0:57 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury_IN 7-5 9/20/2013 1:12 0.09 0.024 0.130 0.28 4.3 1.0 40.0 8.6 Summer Drury_IN 7-6 9/20/2013 1:27 0.08 0.019 0.129 0.37 0.7 1.1 52.7 8.6 Summer Drury_IN 7-7 9/20/2013 1:57 0.07 0.014	Drury_IN	6-23	4/26/2013	15:22	0.03	0.002	0.068	0.98	9.3	2.3	113.2	10.2	Spring
Drury_IN 7-2 9/20/2013 0:27 0.11 0.035 0.163 0.75 23.0 1.2 38.0 7.3 Summer Drury_IN 7-3 9/20/2013 0:42 0.08 0.018 0.175 0.59 5.0 1.1 45.7 7.8 Summer Drury_IN 7-4 9/20/2013 0:57 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury_IN 7-5 9/20/2013 1:12 0.09 0.024 0.130 0.28 4.3 1.0 40.0 8.6 Summer Drury_IN 7-6 9/20/2013 1:27 0.08 0.019 0.129 0.37 0.7 1.1 52.7 8.6 Summer Drury_IN 7-7 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 <	Drury_IN	6-24	4/26/2013	15:42	0.03	0.005	0.052	0.90	9.7	1.7	79.1	9.6	Spring
Druy_IN 7-3 9/20/2013 0:42 0.08 0.018 0.175 0.59 5.0 1.1 45.7 7.8 Summer Druy_IN 7-4 9/20/2013 0:57 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Druy_IN 7-5 9/20/2013 1:12 0.09 0.024 0.130 0.28 4.3 1.0 40.0 8.6 Summer Druy_IN 7-6 9/20/2013 1:27 0.08 0.019 0.129 0.37 0.7 1.1 52.7 8.6 Summer Druy_IN 7-7 9/20/2013 1:42 0.09 0.022 0.125 0.24 1.7 1.2 57.5 8.8 Summer Druy_IN 7-8 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Druy_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125	Drury_IN	7-1	9/20/2013	0:12	0.08	0.017	0.192	1.20	60.3	0.9	27.0	7.0	Summer
Drury_IN 7-4 9/20/2013 0:57 0.08 0.017 0.167 0.92 7.0 0.9 37.0 7.6 Summer Drury_IN 7-5 9/20/2013 1:12 0.09 0.024 0.130 0.28 4.3 1.0 40.0 8.6 Summer Drury_IN 7-6 9/20/2013 1:27 0.08 0.019 0.129 0.37 0.7 1.1 52.7 8.6 Summer Drury_IN 7-7 9/20/2013 1:42 0.09 0.022 0.125 0.24 1.7 1.2 57.5 8.8 Summer Drury_IN 7-8 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125 0.20 2.7 1.9 64.5 8.9 Summer Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 <	Drury_IN	7-2	9/20/2013	0:27	0.11	0.035	0.163	0.75	23.0	1.2	38.0	7.3	Summer
Drury_IN 7-5 9/20/2013 1:12 0.09 0.024 0.130 0.28 4.3 1.0 40.0 8.6 Summer Drury_IN 7-6 9/20/2013 1:27 0.08 0.019 0.129 0.37 0.7 1.1 52.7 8.6 Summer Drury_IN 7-7 9/20/2013 1:42 0.09 0.022 0.125 0.24 1.7 1.2 57.5 8.8 Summer Drury_IN 7-8 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125 0.20 2.7 1.9 64.5 8.9 Summer Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 0.117 0.44 3.7 1.0 62.1 8.9 Summer Drury_IN 7-11 9/20/2013 2:42 0.09 0.025	Drury_IN	7-3	9/20/2013	0:42	0.08	0.018	0.175	0.59	5.0	1.1	45.7	7.8	Summer
Drury_IN 7-6 9/20/2013 1:27 0.08 0.019 0.129 0.37 0.7 1.1 52.7 8.6 Summer Drury_IN 7-7 9/20/2013 1:42 0.09 0.022 0.125 0.24 1.7 1.2 57.5 8.8 Summer Drury_IN 7-8 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125 0.20 2.7 1.9 64.5 8.9 Summer Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 0.117 0.44 3.7 1.0 62.1 8.9 Summer Drury_IN 7-11 9/20/2013 2:42 0.09 0.025 0.112 0.31 3.0 2.8 66.1 8.7 Summer Drury_IN 7-12 9/20/2013 2:57 0.05 0.009	Drury_IN	7-4	9/20/2013	0:57	0.08	0.017	0.167	0.92	7.0	0.9	37.0	7.6	Summer
Drury_IN 7-7 9/20/2013 1:42 0.09 0.022 0.125 0.24 1.7 1.2 57.5 8.8 Summer Drury_IN 7-8 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125 0.20 2.7 1.9 64.5 8.9 Summer Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 0.117 0.44 3.7 1.0 62.1 8.9 Summer Drury_IN 7-11 9/20/2013 2:42 0.09 0.025 0.112 0.31 3.0 2.8 66.1 8.7 Summer Drury_IN 7-12 9/20/2013 2:57 0.05 0.009 0.119 0.61 2.3 1.8 106.9 9.1 Summer Drury_IN 7-13 9/20/2013 3:27 0.05 0.007	Drury_IN	7-5	9/20/2013	1:12	0.09	0.024	0.130	0.28	4.3	1.0	40.0	8.6	Summer
Drury_IN 7-8 9/20/2013 1:57 0.07 0.014 0.142 0.56 1.0 1.2 75.1 9.0 Summer Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125 0.20 2.7 1.9 64.5 8.9 Summer Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 0.117 0.44 3.7 1.0 62.1 8.9 Summer Drury_IN 7-11 9/20/2013 2:42 0.09 0.025 0.112 0.31 3.0 2.8 66.1 8.7 Summer Drury_IN 7-12 9/20/2013 2:57 0.05 0.009 0.119 0.61 2.3 1.8 106.9 9.1 Summer Drury_IN 7-13 9/20/2013 3:12 0.05 0.007 0.119 0.69 0.7 2.2 143.3 9.2 Summer Drury_IN 7-14 9/20/2013 3:27 0.05 0.007	Drury_IN	7-6	9/20/2013	1:27	0.08	0.019	0.129	0.37	0.7	1.1	52.7	8.6	Summer
Drury_IN 7-9 9/20/2013 2:12 0.08 0.020 0.125 0.20 2.7 1.9 64.5 8.9 Summer Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 0.117 0.44 3.7 1.0 62.1 8.9 Summer Drury_IN 7-11 9/20/2013 2:42 0.09 0.025 0.112 0.31 3.0 2.8 66.1 8.7 Summer Drury_IN 7-12 9/20/2013 2:57 0.05 0.009 0.119 0.61 2.3 1.8 106.9 9.1 Summer Drury_IN 7-13 9/20/2013 3:12 0.05 0.007 0.119 0.69 0.7 2.2 143.3 9.2 Summer Drury_IN 7-14 9/20/2013 3:27 0.05 0.007 0.119 0.77 0.1 2.1 142.4 9.4 Summer Drury_IN 7-15 9/20/2013 3:42 0.05 0.009	Drury_IN	7-7	9/20/2013	1:42	0.09	0.022	0.125	0.24	1.7	1.2	57.5	8.8	Summer
Drury_IN 7-10 9/20/2013 2:27 0.08 0.019 0.117 0.44 3.7 1.0 62.1 8.9 Summer Drury_IN 7-11 9/20/2013 2:42 0.09 0.025 0.112 0.31 3.0 2.8 66.1 8.7 Summer Drury_IN 7-12 9/20/2013 2:57 0.05 0.009 0.119 0.61 2.3 1.8 106.9 9.1 Summer Drury_IN 7-13 9/20/2013 3:12 0.05 0.007 0.119 0.69 0.7 2.2 143.3 9.2 Summer Drury_IN 7-14 9/20/2013 3:27 0.05 0.007 0.119 0.77 0.1 2.1 142.4 9.4 Summer Drury_IN 7-15 9/20/2013 3:42 0.05 0.009 0.091 0.57 0.1 1.6 110.4 9.4 Summer Drury_IN 7-16 9/20/2013 3:57 0.06 0.010	Drury_IN	7-8	9/20/2013	1:57	0.07	0.014	0.142	0.56	1.0	1.2	75.1	9.0	Summer
Drury_IN 7-11 9/20/2013 2:42 0.09 0.025 0.112 0.31 3.0 2.8 66.1 8.7 Summer Drury_IN 7-12 9/20/2013 2:57 0.05 0.009 0.119 0.61 2.3 1.8 106.9 9.1 Summer Drury_IN 7-13 9/20/2013 3:12 0.05 0.007 0.119 0.69 0.7 2.2 143.3 9.2 Summer Drury_IN 7-14 9/20/2013 3:27 0.05 0.007 0.119 0.77 0.1 2.1 142.4 9.4 Summer Drury_IN 7-15 9/20/2013 3:42 0.05 0.009 0.091 0.57 0.1 1.6 110.4 9.4 Summer Drury_IN 7-16 9/20/2013 3:57 0.06 0.010 0.116 0.32 0.7 1.6 94.4 9.4 Summer	Drury_IN	7-9	9/20/2013	2:12	0.08	0.020	0.125	0.20	2.7	1.9	64.5	8.9	Summer
Drury_IN 7-12 9/20/2013 2:57 0.05 0.009 0.119 0.61 2.3 1.8 106.9 9.1 Summer Drury_IN 7-13 9/20/2013 3:12 0.05 0.007 0.119 0.69 0.7 2.2 143.3 9.2 Summer Drury_IN 7-14 9/20/2013 3:27 0.05 0.007 0.119 0.77 0.1 2.1 142.4 9.4 Summer Drury_IN 7-15 9/20/2013 3:42 0.05 0.009 0.091 0.57 0.1 1.6 110.4 9.4 Summer Drury_IN 7-16 9/20/2013 3:57 0.06 0.010 0.116 0.32 0.7 1.6 94.4 9.4 Summer	Drury_IN	7-10	9/20/2013	2:27	0.08	0.019	0.117	0.44	3.7	1.0	62.1	8.9	Summer
Drury_IN 7-13 9/20/2013 3:12 0.05 0.007 0.119 0.69 0.7 2.2 143.3 9.2 Summer Drury_IN 7-14 9/20/2013 3:27 0.05 0.007 0.119 0.77 0.1 2.1 142.4 9.4 Summer Drury_IN 7-15 9/20/2013 3:42 0.05 0.009 0.091 0.57 0.1 1.6 110.4 9.4 Summer Drury_IN 7-16 9/20/2013 3:57 0.06 0.010 0.116 0.32 0.7 1.6 94.4 9.4 Summer	Drury_IN	7-11	9/20/2013	2:42	0.09	0.025	0.112	0.31	3.0	2.8	66.1	8.7	Summer
Drury_IN 7-14 9/20/2013 3:27 0.05 0.007 0.119 0.77 0.1 2.1 142.4 9.4 Summer Drury_IN 7-15 9/20/2013 3:42 0.05 0.009 0.091 0.57 0.1 1.6 110.4 9.4 Summer Drury_IN 7-16 9/20/2013 3:57 0.06 0.010 0.116 0.32 0.7 1.6 94.4 9.4 Summer	Drury_IN	7-12	9/20/2013	2:57	0.05	0.009	0.119	0.61	2.3	1.8	106.9	9.1	Summer
Drury_IN 7-15 9/20/2013 3:42 0.05 0.009 0.091 0.57 0.1 1.6 110.4 9.4 Summer Drury_IN 7-16 9/20/2013 3:57 0.06 0.010 0.116 0.32 0.7 1.6 94.4 9.4 Summer	Drury_IN	7-13	9/20/2013	3:12	0.05	0.007	0.119	0.69	0.7	2.2	143.3	9.2	Summer
Drury_IN 7-16 9/20/2013 3:57 0.06 0.010 0.116 0.32 0.7 1.6 94.4 9.4 Summer	Drury_IN	7-14	9/20/2013	3:27	0.05	0.007	0.119	0.77	0.1	2.1	142.4	9.4	Summer
	Drury_IN	7-15	9/20/2013	3:42	0.05	0.009	0.091	0.57	0.1	1.6	110.4	9.4	Summer
Drury_IN 7-17 9/20/2013 4:12 0.06 0.010 0.108 0.36 0.7 1.5 90.5 9.3 Summer	Drury_IN	7-16	9/20/2013	3:57	0.06	0.010	0.116	0.32	0.7	1.6	94.4	9.4	Summer
	Drury_IN	7-17	9/20/2013	4:12	0.06	0.010	0.108	0.36	0.7	1.5	90.5	9.3	Summer

Drury, IN 8-1 9/20/2013 4:27 0.05 0.007 0.100 0.46 1.3 1.8 11.8 11.94 9.2 Summer Drury, IN 8-1 10/5/2013 7.12 0.03 0.004 0.151 1.47 66.7 0.7 47.4 7.2 Fail Drury, IN 8-2 10/5/2013 7.42 0.06 0.011 0.218 1.20 167.7 0.3 31.8 7.2 Fail Drury, IN 8-3 10/5/2013 7.45 0.09 0.023 0.090 0.51 39.3 0.3 23.4 7.3 Fail Drury, IN 8-5 10/5/2013 8.00 0.05 0.007 0.066 0.51 5.7 0.5 39.0 7.4 Fail Drury, IN 8-5 10/5/2013 8.30 0.05 0.006 0.51 0.53 3.7 0.8 45.2 7.5 Fail Drury, IN 8-6 10/5/2013 8.30 0.05 0.008 0.064 0.53 3.7 0.8 45.2 7.5 Fail Drury, IN 8-6 10/5/2013 8.30 0.05 0.008 0.056 0.52 6.7 0.5 37.2 7.5 Fail Drury, IN 8-8 10/5/2013 8.45 0.05 0.009 0.053 0.63 6.3 0.5 37.2 7.5 Fail Drury, IN 8-8 10/5/2013 8.45 0.05 0.009 0.053 0.63 6.3 0.5 37.2 7.5 Fail Drury, IN 8-9 10/5/2013 8.15 0.05 0.008 0.055 0.039 4.7 0.7 46.5 8.4 Fail Drury, IN 8-10 10/5/2013 9.15 0.05 0.008 0.055 0.25 4.7 1.0 65.9 8.9 Fail Drury, IN 8-11 10/5/2013 9.45 0.06 0.012 0.047 0.22 6.0 0.7 40.5 8.8 Fail Drury, IN 8-12 10/5/2013 9.45 0.06 0.012 0.047 0.22 6.0 0.7 40.5 8.8 Fail Drury, IN 8-13 10/5/2013 11.42 0.04 0.005 0.092 0.63 21.7 1.0 65.0 9.3 Fail Drury, IN 8-14 10/5/2013 11.48 0.05 0.008 0.052 0.07 0.06 0.37 0.06 0.37 0.06 0.37 0.06 0.37 0.06 0.37 0.06 0.37 0.06 0.37 0.06 0.38 0.38 0.38 0.3 0.06 0.38 0.3			1	1		,			T		1	1	
Drury IN 8-2 10/5/2013 7-42 0.06 0.011 0.218 1.20 167.7 0.3 31.8 7.2 Fall	Drury_IN	7-18	9/20/2013	4:27	0.05	0.007	0.100	0.46	1.3	1.8	119.4	9.2	Summer
Drury_IN 8-3 10/5/2013 7-45 0.09 0.023 0.090 0.51 39.3 0.3 23.4 7.3 Fall	Drury_IN	8-1	10/5/2013	7:12	0.03	0.004	0.151	1.47	66.7	0.7	47.4	7.2	Fall
Drury IN	Drury_IN	8-2	10/5/2013	7:42	0.06	0.011	0.218	1.20	167.7	0.3	31.8	7.2	Fall
Drury IN 8-5 10/5/2013 8:15 0.04 0.005 0.064 0.53 3.7 0.8 45.2 7.5 Fall	Drury_IN	8-3	10/5/2013	7:45	0.09	0.023	0.090	0.51	39.3	0.3	23.4	7.3	Fall
Drury_IN 8-6 10/5/2013 8:30 0.05 0.008 0.056 0.52 6.7 0.5 37.2 7.5 Fall	Drury_IN	8-4	10/5/2013	8:00	0.05	0.007	0.066	0.51	5.7	0.5	39.0	7.4	Fall
Drury_IN 8-7	Drury_IN	8-5	10/5/2013	8:15	0.04	0.005	0.064	0.53	3.7	0.8	45.2	7.5	Fall
Drury_IN 8-8 10/5/2013 9:00 0.06 0.011 0.057 0.39 4.7 0.7 46.5 8.4 Fall	Drury_IN	8-6	10/5/2013	8:30	0.05	0.008	0.056	0.52	6.7	0.5	37.2	7.5	Fall
Drury_IN 8-9 10/5/2013 9:15 0.05 0.008 0.056 0.25 4.7 1.0 65.9 8.9 Fall	Drury_IN	8-7	10/5/2013	8:45	0.05	0.009	0.053	0.63	6.3	0.5	35.8	7.6	Fall
Drury_IN 8-10 10/5/2013 9:30 0.04 0.006 0.053 0.25 7.0 0.9 65.1 9.1 Fall	Drury_IN	8-8	10/5/2013	9:00	0.06	0.011	0.057	0.39	4.7	0.7	46.5	8.4	Fall
Drury_IN S-11 10/5/2013 9:45 0.06 0.012 0.047 0.22 6.0 0.7 40.5 8.8 Fall	Drury_IN	8-9	10/5/2013	9:15	0.05	0.008	0.056	0.25	4.7	1.0	65.9	8.9	Fall
Drury_IN S-12 10/5/2013 10:00 0.05 0.008 0.052 0.27 3.0 1.0 66:1 9.1 Fall	Drury_IN	8-10	10/5/2013	9:30	0.04	0.006	0.053	0.25	7.0	0.9	65.1	9.1	Fall
Drury_IN 8-13 10/5/2013 10:15 0.04 0.006 0.049 0.31 0.7 1.0 82.7 9.2 Fall Drury_IN 8-14 10/5/2013 11:42 0.04 0.005 0.092 0.63 21.7 1.0 65.0 9.3 Fall Drury_IN 8-15 10/5/2013 11:48 0.05 0.009 0.062 0.37 20.0 0.6 34.2 8.4 Fall Drury_IN 8-16 10/5/2013 12:13 0.04 0.006 0.049 0.22 5.0 0.6 44.7 8.4 Fall Drury_IN 8-18 10/5/2013 12:13 0.04 0.006 0.049 0.22 5.0 0.6 44.7 8.4 Fall Drury_IN 8-18 10/5/2013 14:04 0.03 0.005 0.062 0.35 3.3 1.0 66.0 9.3 Fall Drury_IN 8-20 10/5/2013 14:08 0.04 0.004	Drury_IN	8-11	10/5/2013	9:45	0.06	0.012	0.047	0.22	6.0	0.7	40.5	8.8	Fall
Drury_IN 8-14 10/5/2013 11:42 0.04 0.005 0.092 0.63 21.7 1.0 65.0 9.3 Fall	Drury_IN	8-12	10/5/2013	10:00	0.05	0.008	0.052	0.27	3.0	1.0	66.1	9.1	Fall
Drury_IN 8-15 10/5/2013 11:48 0.05 0.009 0.062 0.37 20.0 0.6 34.2 8.4 Fall Drury_IN 8-16 10/5/2013 12:04 0.06 0.013 0.058 0.37 37.7 0.6 32.0 8.6 Fall Drury_IN 8-17 10/5/2013 12:13 0.04 0.006 0.049 0.22 5.0 0.6 44.7 8.4 Fall Drury_IN 8-18 10/5/2013 13:44 0.03 0.003 0.058 0.33 2.3 1.4 112.6 10.1 Fall Drury_IN 8-19 10/5/2013 14:04 0.04 0.005 0.062 0.35 3.3 1.0 66.0 9.3 Fall Drury_IN 8-20 10/5/2013 14:04 0.08 0.019 0.069 0.10 43.7 0.4 23.0 8.3 Fall Drury_IN 8-21 10/5/2013 14:42 0.05 0.008	Drury_IN	8-13	10/5/2013	10:15	0.04	0.006	0.049	0.31	0.7	1.0	82.7	9.2	Fall
Drury_IN 8-16 10/5/2013 12:04 0.06 0.013 0.058 0.37 37.7 0.6 32.0 8.6 Fall Drury_IN 8-17 10/5/2013 12:13 0.04 0.006 0.049 0.22 5.0 0.6 44.7 8.4 Fall Drury_IN 8-18 10/5/2013 13:44 0.03 0.003 0.058 0.33 2.3 1.4 112.6 10.1 Fall Drury_IN 8-19 10/5/2013 14:04 0.04 0.005 0.062 0.35 3.3 1.0 66.0 9.3 Fall Drury_IN 8-20 10/5/2013 14:08 0.04 0.004 0.059 0.22 5.3 0.9 59.5 8.6 Fall Drury_IN 8-21 10/5/2013 14:14 0.08 0.019 0.669 0.10 43.7 0.4 23.0 8.3 Fall Drury_IN 8-22 10/5/2013 14:43 0.05 0.008	Drury_IN	8-14	10/5/2013	11:42	0.04	0.005	0.092	0.63	21.7	1.0	65.0	9.3	Fall
Drury_IN 8-17 10/5/2013 12:13 0.04 0.006 0.049 0.22 5.0 0.6 44.7 8.4 Fall Drury_IN 8-18 10/5/2013 13:44 0.03 0.003 0.058 0.33 2.3 1.4 112.6 10.1 Fall Drury_IN 8-19 10/5/2013 14:04 0.04 0.005 0.062 0.35 3.3 1.0 66.0 9.3 Fall Drury_IN 8-20 10/5/2013 14:08 0.04 0.004 0.059 0.22 5.3 0.9 59.5 8.6 Fall Drury_IN 8-21 10/5/2013 14:14 0.08 0.019 0.069 0.10 43.7 0.4 23.0 8.3 Fall Drury_IN 8-22 10/5/2013 14:42 0.05 0.008 0.053 0.20 5.7 0.9 49.4 8.9 Fall Drury_IN 8-24 10/5/2013 14:43 0.05 0.008	Drury_IN	8-15	10/5/2013	11:48	0.05	0.009	0.062	0.37	20.0	0.6	34.2	8.4	Fall
Drury_IN 8-18 10/5/2013 13:44 0.03 0.003 0.058 0.33 2.3 1.4 112.6 10.1 Fall Drury_IN 8-19 10/5/2013 14:04 0.04 0.005 0.062 0.35 3.3 1.0 66.0 9.3 Fall Drury_IN 8-20 10/5/2013 14:08 0.04 0.004 0.059 0.22 5.3 0.9 59.5 8.6 Fall Drury_IN 8-21 10/5/2013 14:14 0.08 0.019 0.069 0.10 43.7 0.4 23.0 8.3 Fall Drury_IN 8-22 10/5/2013 14:42 0.05 0.008 0.056 0.20 5.7 0.9 49.4 8.9 Fall Drury_IN 8-23 10/5/2013 14:43 0.05 0.008 0.053 0.20 11.3 0.9 46.9 8.9 Fall Drury_IN 8-24 10/5/2013 5:46 0.05 0.008	Drury_IN	8-16	10/5/2013	12:04	0.06	0.013	0.058	0.37	37.7	0.6	32.0	8.6	Fall
Druy_IN 8-19 10/5/2013 14:04 0.04 0.005 0.062 0.35 3.3 1.0 66.0 9.3 Fall Druy_IN 8-20 10/5/2013 14:08 0.04 0.004 0.059 0.22 5.3 0.9 59.5 8.6 Fall Druy_IN 8-21 10/5/2013 14:14 0.08 0.019 0.069 0.10 43.7 0.4 23.0 8.3 Fall Druy_IN 8-22 10/5/2013 14:42 0.05 0.008 0.056 0.20 5.7 0.9 49.4 8.9 Fall Druy_IN 8-23 10/5/2013 14:43 0.05 0.008 0.053 0.20 11.3 0.9 46.9 8.9 Fall Druy_IN 8-24 10/5/2013 14:58 0.05 0.007 0.060 0.14 1.3 0.9 63.3 9.4 Fall Druy_IN 9-1 10/29/2013 5:46 0.05 0.008 0.	Drury_IN	8-17	10/5/2013	12:13	0.04	0.006	0.049	0.22	5.0	0.6	44.7	8.4	Fall
Drury_IN 8-20 10/5/2013 14:08 0.04 0.004 0.059 0.22 5.3 0.9 59.5 8.6 Fall Drury_IN 8-21 10/5/2013 14:14 0.08 0.019 0.069 0.10 43.7 0.4 23.0 8.3 Fall Drury_IN 8-22 10/5/2013 14:42 0.05 0.008 0.056 0.20 5.7 0.9 49.4 8.9 Fall Drury_IN 8-23 10/5/2013 14:43 0.05 0.008 0.053 0.20 11.3 0.9 46.9 8.9 Fall Drury_IN 8-24 10/5/2013 14:58 0.05 0.007 0.060 0.14 1.3 0.9 63.3 9.4 Fall Drury_IN 9-1 10/29/2013 5:46 0.05 0.008 0.170 0.91 49.0 0.5 42.6 7.9 Fall Drury_IN 9-2 10/29/2013 6:06 0.06 0.010	Drury_IN	8-18	10/5/2013	13:44	0.03	0.003	0.058	0.33	2.3	1.4	112.6	10.1	Fall
Drury_IN 8-21 10/5/2013 14:14 0.08 0.019 0.069 0.10 43.7 0.4 23.0 8.3 Fall Drury_IN 8-22 10/5/2013 14:42 0.05 0.008 0.056 0.20 5.7 0.9 49.4 8.9 Fall Drury_IN 8-23 10/5/2013 14:43 0.05 0.008 0.053 0.20 11.3 0.9 46.9 8.9 Fall Drury_IN 8-24 10/5/2013 14:58 0.05 0.007 0.060 0.14 1.3 0.9 63.3 9.4 Fall Drury_IN 9-1 10/29/2013 5:46 0.05 0.008 0.170 0.91 49.0 0.5 42.6 7.9 Fall Drury_IN 9-2 10/29/2013 6:06 0.06 0.010 0.093 0.57 64.7 0.2 34.6 7.8 Fall Drury_IN 9-3 10/29/2013 6:13 0.11 0.033	Drury_IN	8-19	10/5/2013	14:04	0.04	0.005	0.062	0.35	3.3	1.0	66.0	9.3	Fall
Drury_IN 8-22 10/5/2013 14:42 0.05 0.008 0.056 0.20 5.7 0.9 49.4 8.9 Fall Drury_IN 8-23 10/5/2013 14:43 0.05 0.008 0.053 0.20 11.3 0.9 46.9 8.9 Fall Drury_IN 8-24 10/5/2013 14:58 0.05 0.007 0.060 0.14 1.3 0.9 63.3 9.4 Fall Drury_IN 9-1 10/29/2013 5:46 0.05 0.008 0.170 0.91 49.0 0.5 42.6 7.9 Fall Drury_IN 9-2 10/29/2013 6:06 0.06 0.010 0.093 0.57 64.7 0.2 34.6 7.8 Fall Drury_IN 9-3 10/29/2013 6:13 0.11 0.033 0.070 0.41 63.0 0.1 18.0 7.7 Fall Drury_IN 9-4 10/29/2013 6:28 0.08 0.017	Drury_IN	8-20	10/5/2013	14:08	0.04	0.004	0.059	0.22	5.3	0.9	59.5	8.6	Fall
Drury_IN 8-23 10/5/2013 14:43 0.05 0.008 0.053 0.20 11.3 0.9 46.9 8.9 Fall Drury_IN 8-24 10/5/2013 14:58 0.05 0.007 0.060 0.14 1.3 0.9 63.3 9.4 Fall Drury_IN 9-1 10/29/2013 5:46 0.05 0.008 0.170 0.91 49.0 0.5 42.6 7.9 Fall Drury_IN 9-2 10/29/2013 6:06 0.06 0.010 0.093 0.57 64.7 0.2 34.6 7.8 Fall Drury_IN 9-3 10/29/2013 6:13 0.11 0.033 0.070 0.41 63.0 0.1 18.0 7.7 Fall Drury_IN 9-4 10/29/2013 6:28 0.08 0.017 0.042 0.95 26.3 0.1 19.7 7.6 Fall Drury_IN 9-5 10/29/2013 6:43 0.09 0.025	Drury_IN	8-21	10/5/2013	14:14	0.08	0.019	0.069	0.10	43.7	0.4	23.0	8.3	Fall
Drury_IN 8-24 10/5/2013 14:58 0.05 0.007 0.060 0.14 1.3 0.9 63.3 9.4 Fall Drury_IN 9-1 10/29/2013 5:46 0.05 0.008 0.170 0.91 49.0 0.5 42.6 7.9 Fall Drury_IN 9-2 10/29/2013 6:06 0.06 0.010 0.093 0.57 64.7 0.2 34.6 7.8 Fall Drury_IN 9-3 10/29/2013 6:13 0.11 0.033 0.070 0.41 63.0 0.1 18.0 7.7 Fall Drury_IN 9-4 10/29/2013 6:28 0.08 0.017 0.042 0.95 26.3 0.1 19.7 7.6 Fall Drury_IN 9-5 10/29/2013 6:43 0.09 0.025 0.044 0.29 11.0 0.0 23.8 7.6 Fall Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 <	Drury_IN	8-22	10/5/2013	14:42	0.05	0.008	0.056	0.20	5.7	0.9	49.4	8.9	Fall
Drury_IN 9-1 10/29/2013 5:46 0.05 0.008 0.170 0.91 49.0 0.5 42.6 7.9 Fall Drury_IN 9-2 10/29/2013 6:06 0.06 0.010 0.093 0.57 64.7 0.2 34.6 7.8 Fall Drury_IN 9-3 10/29/2013 6:13 0.11 0.033 0.070 0.41 63.0 0.1 18.0 7.7 Fall Drury_IN 9-4 10/29/2013 6:28 0.08 0.017 0.042 0.95 26.3 0.1 19.7 7.6 Fall Drury_IN 9-5 10/29/2013 6:43 0.09 0.025 0.044 0.29 11.0 0.0 23.8 7.6 Fall Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 0.057 1.35 18.3 0.1 43.4 7.8 Fall Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 <	Drury_IN	8-23	10/5/2013	14:43	0.05	0.008	0.053	0.20	11.3	0.9	46.9	8.9	Fall
Drury_IN 9-2 10/29/2013 6:06 0.06 0.010 0.093 0.57 64.7 0.2 34.6 7.8 Fall Drury_IN 9-3 10/29/2013 6:13 0.11 0.033 0.070 0.41 63.0 0.1 18.0 7.7 Fall Drury_IN 9-4 10/29/2013 6:28 0.08 0.017 0.042 0.95 26.3 0.1 19.7 7.6 Fall Drury_IN 9-5 10/29/2013 6:43 0.09 0.025 0.044 0.29 11.0 0.0 23.8 7.6 Fall Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 0.057 1.35 18.3 0.1 43.4 7.8 Fall Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 0.055 0.43 5.7 0.2 45.1 8.3 Fall Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 <t< td=""><td>Drury_IN</td><td>8-24</td><td>10/5/2013</td><td>14:58</td><td>0.05</td><td>0.007</td><td>0.060</td><td>0.14</td><td>1.3</td><td>0.9</td><td>63.3</td><td>9.4</td><td>Fall</td></t<>	Drury_IN	8-24	10/5/2013	14:58	0.05	0.007	0.060	0.14	1.3	0.9	63.3	9.4	Fall
Drury_IN 9-3 10/29/2013 6:13 0.11 0.033 0.070 0.41 63.0 0.1 18.0 7.7 Fall Drury_IN 9-4 10/29/2013 6:28 0.08 0.017 0.042 0.95 26.3 0.1 19.7 7.6 Fall Drury_IN 9-5 10/29/2013 6:43 0.09 0.025 0.044 0.29 11.0 0.0 23.8 7.6 Fall Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 0.057 1.35 18.3 0.1 43.4 7.8 Fall Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 0.055 0.43 5.7 0.2 45.1 8.3 Fall Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 <td< td=""><td>Drury_IN</td><td>9-1</td><td>10/29/2013</td><td>5:46</td><td>0.05</td><td>0.008</td><td>0.170</td><td>0.91</td><td>49.0</td><td>0.5</td><td>42.6</td><td>7.9</td><td>Fall</td></td<>	Drury_IN	9-1	10/29/2013	5:46	0.05	0.008	0.170	0.91	49.0	0.5	42.6	7.9	Fall
Drury_IN 9-4 10/29/2013 6:28 0.08 0.017 0.042 0.95 26.3 0.1 19.7 7.6 Fall Drury_IN 9-5 10/29/2013 6:43 0.09 0.025 0.044 0.29 11.0 0.0 23.8 7.6 Fall Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 0.057 1.35 18.3 0.1 43.4 7.8 Fall Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 0.055 0.43 5.7 0.2 45.1 8.3 Fall Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 0.036 0.32 8.7 0.0 27.1 8.2 Fall	Drury_IN	9-2	10/29/2013	6:06	0.06	0.010	0.093	0.57	64.7	0.2	34.6	7.8	Fall
Drury_IN 9-5 10/29/2013 6:43 0.09 0.025 0.044 0.29 11.0 0.0 23.8 7.6 Fall Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 0.057 1.35 18.3 0.1 43.4 7.8 Fall Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 0.055 0.43 5.7 0.2 45.1 8.3 Fall Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 0.036 0.32 8.7 0.0 27.1 8.2 Fall	Drury_IN	9-3	10/29/2013	6:13	0.11	0.033	0.070	0.41	63.0	0.1	18.0	7.7	Fall
Drury_IN 9-6 10/29/2013 6:58 0.04 0.007 0.057 1.35 18.3 0.1 43.4 7.8 Fall Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 0.055 0.43 5.7 0.2 45.1 8.3 Fall Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 0.036 0.32 8.7 0.0 27.1 8.2 Fall	Drury_IN	9-4	10/29/2013	6:28	0.08	0.017	0.042	0.95	26.3	0.1	19.7	7.6	Fall
Drury_IN 9-7 10/29/2013 7:13 0.06 0.013 0.055 0.43 5.7 0.2 45.1 8.3 Fall Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 0.036 0.32 8.7 0.0 27.1 8.2 Fall	Drury_IN	9-5	10/29/2013	6:43	0.09	0.025	0.044	0.29	11.0	0.0	23.8	7.6	Fall
Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 0.036 0.32 8.7 0.0 27.1 8.2 Fall	Drury_IN	9-6	10/29/2013	6:58	0.04	0.007	0.057	1.35	18.3	0.1	43.4	7.8	Fall
Drury_IN 9-8 10/29/2013 7:24 0.05 0.009 0.049 0.57 9.7 0.3 52.8 8.5 Fall Drury_IN 9-9 10/29/2013 7:30 0.11 0.033 0.036 0.32 8.7 0.0 27.1 8.2 Fall	Drury_IN	9-7	10/29/2013	7:13	0.06	0.013	0.055	0.43	5.7	0.2	45.1	8.3	Fall
		9-8	10/29/2013	7:24	0.05	0.009	0.049	0.57	9.7	0.3	52.8	8.5	Fall
	Drury_IN	9-9	10/29/2013	7:30	0.11	0.033	0.036	0.32	8.7	0.0	27.1	8.2	Fall
	Drury_IN	9-10		7:45	0.07	0.013	0.079	0.69	15.3	0.6	55.4	8.2	Fall

Druy_IN 9-11 10/29/2013 8.00 0.03 0.004 0.087 0.78 8.3 0.8 8.64 8.7 Fall													
Drury_IN 9-13 10/29/2013 8:27 0.07 0.015 0.048 0.48 5.0 0.2 44.7 8.4 Fall	Drury_IN	9-11	10/29/2013	8:00	0.03	0.004	0.087	0.78	8.3	0.8	86.4	8.7	Fall
Druy_IN 9-14 10/29/2013 11:02 0.07 0.016 0.053 0.57 20.3 0.8 30.2 8.0 Fall	Drury_IN	9-12	10/29/2013	8:14	0.05	0.008	0.065	0.73	10.7	0.7	75.3	8.9	Fall
Drury_IN 9-15 10/29/2013 11:12 0.05 0.008 0.055 0.80 7.3 0.9 51.5 7.7 Fall Drury_IN 10-1 11/6/2013 4:16 0.10 0.028 0.177 0.18 125.0 1.1 24.8 7.6 Fall Drury_IN 10-2 11/6/2013 4:20 0.10 0.027 0.119 0.09 54.3 0.2 13.9 7.6 Fall Drury_IN 10-3 11/6/2013 4:35 0.07 0.013 0.092 0.36 6.7 0.5 39.1 7.5 Fall Drury_IN 10-4 11/6/2013 4:50 0.07 0.013 0.092 0.36 6.7 0.5 39.1 7.5 Fall Drury_IN 10-4 11/6/2013 5:05 0.04 0.006 0.067 0.18 3.7 0.6 32.6 7.5 Fall Drury_IN 10-5 11/6/2013 5:05 0.04 0.004 0.083 0.27 4.7 1.2 64.2 8.8 Fall Drury_IN 10-5 11/6/2013 5:32 0.05 0.007 0.074 0.18 3.7 1.1 68.2 9.4 Fall Drury_IN 10-7 11/6/2013 5:32 0.05 0.007 0.074 0.18 3.7 1.1 68.2 9.4 Fall Drury_IN 11-1 11/21/2013 9:33 0.05 0.004 0.222 0.50 59.7 0.1 33.3 6.4 Fall Drury_IN 11-1 11/21/2013 9:33 0.05 0.008 0.143 0.45 35.3 0.2 33.4 6.7 Fall Drury_IN 11-2 11/21/2013 9:54 0.04 0.006 0.118 0.39 32.3 0.1 30.4 6.8 Fall Drury_IN 11-4 11/21/2013 10:04 0.07 0.013 0.082 0.32 26.3 0.1 30.9 6.9 Fall Drury_IN 11-5 11/21/2013 10:38 0.11 0.034 0.091 0.36 23.7 0.3 31.7 6.9 Fall Drury_IN 11-5 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-8 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-9 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-9 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-9 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-9 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.0 4.9 3.7 2.2 Fall Drury_IN 11-9 11/21/	Drury_IN	9-13	10/29/2013	8:27	0.07	0.015	0.048	0.48	5.0	0.2	44.7	8.4	Fall
Drury_IN 10-1 11/6/2013 4:16 0.10 0.028 0.177 0.18 125.0 1.1 24.8 7.6 Fall Drury_IN 10-2 11/6/2013 4:20 0.10 0.027 0.119 0.09 54.3 0.2 11.9 7.6 Fall Drury_IN 10-3 11/6/2013 4:35 0.07 0.013 0.092 0.36 6.7 0.5 39.1 7.5 Fall Drury_IN 10-4 11/6/2013 4:50 0.07 0.016 0.067 0.18 3.7 0.6 32.6 7.5 Fall Drury_IN 10-5 11/6/2013 5:05 0.04 0.004 0.083 0.27 4.7 1.2 64.2 8.8 Fall Drury_IN 10-6 11/6/2013 5:18 0.04 0.006 0.071 0.25 5.0 1.4 84.3 9.4 Fall Drury_IN 10-7 11/6/2013 5:32 0.05 0.007 0.074 0.18 3.7 1.1 68.2 9.4 Fall Drury_IN 10-7 11/6/2013 5:32 0.05 0.007 0.074 0.18 3.7 1.1 68.2 9.4 Fall Drury_IN 11-1 11/21/2013 9:18 0.03 0.004 0.222 0.50 59.7 0.1 33.3 6.4 Fall Drury_IN 11-2 11/21/2013 9:18 0.03 0.004 0.222 0.50 59.7 0.1 33.3 6.4 Fall Drury_IN 11-3 11/21/2013 9:54 0.04 0.006 0.0118 0.39 32.3 0.1 30.4 6.8 Fall Drury_IN 11-3 11/21/2013 10:04 0.07 0.013 0.082 0.32 26.3 0.1 30.9 6.9 Fall Drury_IN 11-5 11/21/2013 10:04 0.07 0.013 0.082 0.32 26.3 0.1 30.9 6.9 Fall Drury_IN 11-6 11/21/2013 10:48 0.011 0.034 0.091 0.36 23.7 0.3 31.7 6.9 Fall Drury_IN 11-6 11/21/2013 10:48 0.011 0.034 0.091 0.36 23.7 0.3 31.7 6.9 Fall Drury_IN 11-8 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-8 11/21/2013 11:38 0.03 0.004 0.078 0.45 5.7 0.6 49.3 7.2 Fall Drury_IN 11-9 11/21/2013 11:38 0.03 0.004 0.078 0.45 5.7 0.6 49.3 7.2 Fall Drury_IN 12-2 3/8/2014 18:24 0.04 0.006 0.006 0.309 1.03 18:30 19.4 15.6 8.1 Winter Drury_IN 12-2 3/8/2014 18:24 0.04 0.006 0.006 0.378 6.0 0.7 32.7 20.0 7.9 Winter Drury_IN	Drury_IN	9-14	10/29/2013	11:02	0.07	0.016	0.053	0.57	20.3	0.8	30.2	8.0	Fall
Drury IN 10-2 11/6/2013 4:20 0.10 0.027 0.119 0.09 54.3 0.2 13.9 7.6 Fall	Drury_IN	9-15	10/29/2013	11:12	0.05	0.008	0.055	0.80	7.3	0.9	51.5	7.7	Fall
Drury_IN 10-3 11/6/2013 4:35 0.07 0.013 0.092 0.36 6.7 0.5 39.1 7.5 Fall	Drury_IN	10-1	11/6/2013	4:16	0.10	0.028	0.177	0.18	125.0	1.1	24.8	7.6	Fall
Drury N 10-4 11/6/2013 4:50 0.07 0.016 0.067 0.18 3.7 0.6 32.6 7.5 Fall	Drury_IN	10-2	11/6/2013	4:20	0.10	0.027	0.119	0.09	54.3	0.2	13.9	7.6	Fall
Drury_IN 10-5 11/6/2013 5.05 0.04 0.004 0.083 0.27 4.7 1.2 64.2 8.8 Fall	Drury_IN	10-3	11/6/2013	4:35	0.07	0.013	0.092	0.36	6.7	0.5	39.1	7.5	Fall
Drury_IN 10-6 11/6/2013 5:18 0.04 0.006 0.071 0.25 5.0 1.4 84.3 9.4 Fall	Drury_IN	10-4	11/6/2013	4:50	0.07	0.016	0.067	0.18	3.7	0.6	32.6	7.5	Fall
Drury_IN 10-7	Drury_IN	10-5	11/6/2013	5:05	0.04	0.004	0.083	0.27	4.7	1.2	64.2	8.8	Fall
Drury_IN 11-1 11/21/2013 9:18 0.03 0.004 0.222 0.50 59.7 0.1 33.3 6.4 Fall	Drury_IN	10-6	11/6/2013	5:18	0.04	0.006	0.071	0.25	5.0	1.4	84.3	9.4	Fall
Drury_IN 11-2 11/21/2013 9:33 0.05 0.008 0.143 0.45 35.3 0.2 33.4 6.7 Fall	Drury_IN	10-7	11/6/2013	5:32	0.05	0.007	0.074	0.18	3.7	1.1	68.2	9.4	Fall
Druy_IN 11-3 11/21/2013 9:54 0.04 0.006 0.118 0.39 32.3 0.1 30.4 6.8 Fall	Drury_IN	11-1	11/21/2013	9:18	0.03	0.004	0.222	0.50	59.7	0.1	33.3	6.4	Fall
Drury_IN 11-4 11/21/2013 10:04 0.07 0.013 0.082 0.32 26.3 0.1 30.9 6.9 Fall Drury_IN 11-5 11/21/2013 10:19 0.08 0.020 0.083 0.32 14.0 0.2 27.8 6.9 Fall Drury_IN 11-6 11/21/2013 10:38 0.11 0.034 0.091 0.36 23.7 0.3 31.7 6.9 Fall Drury_IN 11-7 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-8 11/21/2013 11:03 0.06 0.012 0.081 0.36 15.9 0.7 38.7 7.0 Fall Drury_IN 11-9 11/21/2013 11:18 0.03 0.004 0.086 0.37 6.0 0.7 31.0 7.4 Fall Drury_IN 11-10 11/21/2013 11:22 0.03 0.004<	Drury_IN	11-2	11/21/2013	9:33	0.05	0.008	0.143	0.45	35.3	0.2	33.4	6.7	Fall
Drury_IN 11-5 11/21/2013 10:19 0.08 0.020 0.083 0.32 14.0 0.2 27.8 6.9 Fall Drury_IN 11-6 11/21/2013 10:38 0.11 0.034 0.091 0.36 23.7 0.3 31.7 6.9 Fall Drury_IN 11-7 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-8 11/21/2013 11:03 0.06 0.012 0.081 0.36 15.9 0.7 38.7 7.0 Fall Drury_IN 11-9 11/21/2013 11:18 0.03 0.004 0.078 0.45 5.7 0.6 49.3 7.2 Fall Drury_IN 11-10 11/21/2033 11:22 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Drury_IN 12-1 3/8/2014 18:24 0.04 0.006 <td>Drury_IN</td> <td>11-3</td> <td>11/21/2013</td> <td>9:54</td> <td>0.04</td> <td>0.006</td> <td>0.118</td> <td>0.39</td> <td>32.3</td> <td>0.1</td> <td>30.4</td> <td>6.8</td> <td>Fall</td>	Drury_IN	11-3	11/21/2013	9:54	0.04	0.006	0.118	0.39	32.3	0.1	30.4	6.8	Fall
Drury_IN 11-6 11/21/2013 10:38 0.11 0.034 0.091 0.36 23.7 0.3 31.7 6.9 Fall Drury_IN 11-7 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-8 11/21/2013 11:03 0.06 0.012 0.081 0.36 15.9 0.7 38.7 7.0 Fall Drury_IN 11-9 11/21/2013 11:18 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Drury_IN 11-10 11/21/2013 11:22 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Drury_IN 12-1 3/8/2014 18:24 0.04 0.006 0.309 1.03 189.0 19.4 15.6 8.1 Winter Drury_IN 12-2 3/8/2014 19:42 0.03 0.004 </td <td>Drury_IN</td> <td>11-4</td> <td>11/21/2013</td> <td>10:04</td> <td>0.07</td> <td>0.013</td> <td>0.082</td> <td>0.32</td> <td>26.3</td> <td>0.1</td> <td>30.9</td> <td>6.9</td> <td>Fall</td>	Drury_IN	11-4	11/21/2013	10:04	0.07	0.013	0.082	0.32	26.3	0.1	30.9	6.9	Fall
Drury_IN 11-7 11/21/2013 10:48 0.04 0.006 0.064 0.34 50.7 0.1 24.7 7.0 Fall Drury_IN 11-8 11/21/2013 11:03 0.06 0.012 0.081 0.36 15.9 0.7 38.7 7.0 Fall Drury_IN 11-9 11/21/2013 11:18 0.03 0.004 0.078 0.45 5.7 0.6 49.3 7.2 Fall Drury_IN 11-10 11/21/2013 11:22 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Drury_IN 12-1 3/8/2014 18:24 0.04 0.006 0.309 1.03 189.0 19.4 15.6 8.1 Winter Drury_IN 12-2 3/8/2014 18:39 0.03 0.004 0.146 1.17 39.0 24.3 15.2 8.0 Winter Drury_IN 12-3 3/8/2014 19:42 0.03 0.004<	Drury_IN	11-5	11/21/2013	10:19	0.08	0.020	0.083	0.32	14.0	0.2	27.8	6.9	Fall
Drury_IN 11-8 11/21/2013 11:03 0.06 0.012 0.081 0.36 15.9 0.7 38.7 7.0 Fall Drury_IN 11-9 11/21/2013 11:18 0.03 0.004 0.078 0.45 5.7 0.6 49.3 7.2 Fall Drury_IN 11-10 11/21/2013 11:22 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Drury_IN 12-1 3/8/2014 18:24 0.04 0.006 0.309 1.03 189.0 19.4 15.6 8.1 Winter Drury_IN 12-2 3/8/2014 18:39 0.03 0.004 0.146 1.17 39.0 24.3 15.2 8.0 Winter Drury_IN 12-3 3/8/2014 19:42 0.03 0.004 0.098 1.28 18.7 32.7 20.0 7.9 Winter Drury_IN 12-3 3/8/2014 20:58 0.03 0.004	Drury_IN	11-6	11/21/2013	10:38	0.11	0.034	0.091	0.36	23.7	0.3	31.7	6.9	Fall
Druy_IN 11-9 11/21/2013 11:18 0.03 0.004 0.078 0.45 5.7 0.6 49.3 7.2 Fall Druy_IN 11-10 11/21/2013 11:22 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Druy_IN 12-1 3/8/2014 18:24 0.04 0.006 0.309 1.03 189.0 19.4 15.6 8.1 Winter Druy_IN 12-2 3/8/2014 18:39 0.03 0.004 0.146 1.17 39.0 24.3 15.2 8.0 Winter Druy_IN 12-3 3/8/2014 19:42 0.03 0.004 0.098 1.28 18.7 32.7 20.0 7.9 Winter Druy_IN 12-4 3/8/2014 20:58 0.03 0.004 0.102 1.14 40.0 35.6 22.0 7.9 Winter Druy_IN 12-5 3/8/2014 21:06 0.04 0.005	Drury_IN	11-7	11/21/2013	10:48	0.04	0.006	0.064	0.34	50.7	0.1	24.7	7.0	Fall
Druy_IN 11-10 11/21/2013 11:22 0.03 0.004 0.086 0.37 6.0 0.7 51.0 7.4 Fall Druy_IN 12-1 3/8/2014 18:24 0.04 0.006 0.309 1.03 189.0 19.4 15.6 8.1 Winter Druy_IN 12-2 3/8/2014 18:39 0.03 0.004 0.146 1.17 39.0 24.3 15.2 8.0 Winter Druy_IN 12-3 3/8/2014 19:42 0.03 0.004 0.098 1.28 18.7 32.7 20.0 7.9 Winter Druy_IN 12-4 3/8/2014 20:58 0.03 0.004 0.102 1.14 40.0 35.6 22.0 7.9 Winter Druy_IN 12-5 3/8/2014 21:06 0.04 0.005 0.069 1.10 9.3 32.3 20.4 7.9 Winter Druy_IN 13-1 3/16/2014 3:44 0.06 0.012	Drury_IN	11-8	11/21/2013	11:03	0.06	0.012	0.081	0.36	15.9	0.7	38.7	7.0	Fall
Drury_IN 12-1 3/8/2014 18:24 0.04 0.006 0.309 1.03 189.0 19.4 15.6 8.1 Winter Drury_IN 12-2 3/8/2014 18:39 0.03 0.004 0.146 1.17 39.0 24.3 15.2 8.0 Winter Drury_IN 12-3 3/8/2014 19:42 0.03 0.004 0.098 1.28 18.7 32.7 20.0 7.9 Winter Drury_IN 12-4 3/8/2014 20:58 0.03 0.004 0.102 1.14 40.0 35.6 22.0 7.9 Winter Drury_IN 12-5 3/8/2014 21:06 0.04 0.005 0.069 1.10 9.3 32.3 20.4 7.9 Winter Drury_IN 13-1 3/16/2014 3:44 0.06 0.012 0.353 0.74 338.0 16.9 13.5 8.7 Winter Drury_IN 13-10 3/16/2014 6:55 0.04	Drury_IN	11-9	11/21/2013	11:18	0.03	0.004	0.078	0.45	5.7	0.6	49.3	7.2	Fall
Drury_IN 12-2 3/8/2014 18:39 0.03 0.004 0.146 1.17 39.0 24.3 15.2 8.0 Winter Drury_IN 12-3 3/8/2014 19:42 0.03 0.004 0.098 1.28 18.7 32.7 20.0 7.9 Winter Drury_IN 12-4 3/8/2014 20:58 0.03 0.004 0.102 1.14 40.0 35.6 22.0 7.9 Winter Drury_IN 12-5 3/8/2014 21:06 0.04 0.005 0.069 1.10 9.3 32.3 20.4 7.9 Winter Drury_IN 13-1 3/16/2014 3:44 0.06 0.012 0.353 0.74 338.0 16.9 13.5 8.7 Winter Drury_IN 13-10 3/16/2014 6:55 0.04 0.006 0.082 0.74 4.3 25.4 17.0 8.6 Winter Drury_IN 13-11 3/16/2014 7:12 0.03 0	Drury_IN	11-10	11/21/2013	11:22	0.03	0.004	0.086	0.37	6.0	0.7	51.0	7.4	Fall
Drury_IN 12-3 3/8/2014 19:42 0.03 0.004 0.098 1.28 18.7 32.7 20.0 7.9 Winter Drury_IN 12-4 3/8/2014 20:58 0.03 0.004 0.102 1.14 40.0 35.6 22.0 7.9 Winter Drury_IN 12-5 3/8/2014 21:06 0.04 0.005 0.069 1.10 9.3 32.3 20.4 7.9 Winter Drury_IN 13-1 3/16/2014 3:44 0.06 0.012 0.353 0.74 338.0 16.9 13.5 8.7 Winter Drury_IN 13-10 3/16/2014 6:55 0.04 0.006 0.082 0.74 4.3 25.4 17.0 8.6 Winter Drury_IN 13-11 3/16/2014 7:12 0.03 0.003 0.054 0.72 5.7 32.5 21.4 9.2 Winter Drury_IN 13-2 3/16/2014 3:58 0.03 0.	Drury_IN	12-1	3/8/2014	18:24	0.04	0.006	0.309	1.03	189.0	19.4	15.6	8.1	Winter
Drury_IN 12-4 3/8/2014 20:58 0.03 0.004 0.102 1.14 40.0 35.6 22.0 7.9 Winter Drury_IN 12-5 3/8/2014 21:06 0.04 0.005 0.069 1.10 9.3 32.3 20.4 7.9 Winter Drury_IN 13-1 3/16/2014 3:44 0.06 0.012 0.353 0.74 338.0 16.9 13.5 8.7 Winter Drury_IN 13-10 3/16/2014 6:55 0.04 0.006 0.082 0.74 4.3 25.4 17.0 8.6 Winter Drury_IN 13-11 3/16/2014 7:12 0.03 0.003 0.054 0.72 5.7 32.5 21.4 9.2 Winter Drury_IN 13-2 3/16/2014 3:58 0.03 0.004 0.157 0.83 79.7 6.5 8.0 8.3 Winter Drury_IN 13-3 3/16/2014 4:01 0.03 0.00	Drury_IN	12-2	3/8/2014	18:39	0.03	0.004	0.146	1.17	39.0	24.3	15.2	8.0	Winter
Drury_IN 12-5 3/8/2014 21:06 0.04 0.005 0.069 1.10 9.3 32.3 20.4 7.9 Winter Drury_IN 13-1 3/16/2014 3:44 0.06 0.012 0.353 0.74 338.0 16.9 13.5 8.7 Winter Drury_IN 13-10 3/16/2014 6:55 0.04 0.006 0.082 0.74 4.3 25.4 17.0 8.6 Winter Drury_IN 13-11 3/16/2014 7:12 0.03 0.003 0.054 0.72 5.7 32.5 21.4 9.2 Winter Drury_IN 13-2 3/16/2014 3:58 0.03 0.004 0.157 0.83 79.7 6.5 8.0 8.3 Winter Drury_IN 13-3 3/16/2014 4:01 0.03 0.004 0.120 1.30 35.3 6.7 8.4 8.2 Winter Drury_IN 13-4 3/16/2014 5:06 0.05 0.007<	Drury_IN	12-3	3/8/2014	19:42	0.03	0.004	0.098	1.28	18.7	32.7	20.0	7.9	Winter
Drury_IN 13-1 3/16/2014 3:44 0.06 0.012 0.353 0.74 338.0 16.9 13.5 8.7 Winter Drury_IN 13-10 3/16/2014 6:55 0.04 0.006 0.082 0.74 4.3 25.4 17.0 8.6 Winter Drury_IN 13-11 3/16/2014 7:12 0.03 0.003 0.054 0.72 5.7 32.5 21.4 9.2 Winter Drury_IN 13-2 3/16/2014 3:58 0.03 0.004 0.157 0.83 79.7 6.5 8.0 8.3 Winter Drury_IN 13-3 3/16/2014 4:01 0.03 0.004 0.120 1.30 35.3 6.7 8.4 8.2 Winter Drury_IN 13-4 3/16/2014 5:06 0.05 0.007 0.073 0.76 64.7 7.8 8.5 8.1 Winter Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 </td <td>Drury_IN</td> <td>12-4</td> <td>3/8/2014</td> <td>20:58</td> <td>0.03</td> <td>0.004</td> <td>0.102</td> <td>1.14</td> <td>40.0</td> <td>35.6</td> <td>22.0</td> <td>7.9</td> <td>Winter</td>	Drury_IN	12-4	3/8/2014	20:58	0.03	0.004	0.102	1.14	40.0	35.6	22.0	7.9	Winter
Drury_IN 13-10 3/16/2014 6:55 0.04 0.006 0.082 0.74 4.3 25.4 17.0 8.6 Winter Drury_IN 13-11 3/16/2014 7:12 0.03 0.003 0.054 0.72 5.7 32.5 21.4 9.2 Winter Drury_IN 13-2 3/16/2014 3:58 0.03 0.004 0.157 0.83 79.7 6.5 8.0 8.3 Winter Drury_IN 13-3 3/16/2014 4:01 0.03 0.004 0.120 1.30 35.3 6.7 8.4 8.2 Winter Drury_IN 13-4 3/16/2014 5:06 0.05 0.007 0.073 0.76 64.7 7.8 8.5 8.1 Winter Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 0.143 0.81 83.3 6.2 7.5 8.0 Winter	Drury_IN	12-5	3/8/2014	21:06	0.04	0.005	0.069	1.10	9.3	32.3	20.4	7.9	Winter
Drury_IN 13-11 3/16/2014 7:12 0.03 0.003 0.054 0.72 5.7 32.5 21.4 9.2 Winter Drury_IN 13-2 3/16/2014 3:58 0.03 0.004 0.157 0.83 79.7 6.5 8.0 8.3 Winter Drury_IN 13-3 3/16/2014 4:01 0.03 0.004 0.120 1.30 35.3 6.7 8.4 8.2 Winter Drury_IN 13-4 3/16/2014 5:06 0.05 0.007 0.073 0.76 64.7 7.8 8.5 8.1 Winter Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 0.143 0.81 83.3 6.2 7.5 8.0 Winter	Drury_IN	13-1	3/16/2014	3:44	0.06	0.012	0.353	0.74	338.0	16.9	13.5	8.7	Winter
Drury_IN 13-2 3/16/2014 3:58 0.03 0.004 0.157 0.83 79.7 6.5 8.0 8.3 Winter Drury_IN 13-3 3/16/2014 4:01 0.03 0.004 0.120 1.30 35.3 6.7 8.4 8.2 Winter Drury_IN 13-4 3/16/2014 5:06 0.05 0.007 0.073 0.76 64.7 7.8 8.5 8.1 Winter Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 0.143 0.81 83.3 6.2 7.5 8.0 Winter	Drury_IN	13-10	3/16/2014	6:55	0.04	0.006	0.082	0.74	4.3	25.4	17.0	8.6	Winter
Drury_IN 13-3 3/16/2014 4:01 0.03 0.004 0.120 1.30 35.3 6.7 8.4 8.2 Winter Drury_IN 13-4 3/16/2014 5:06 0.05 0.007 0.073 0.76 64.7 7.8 8.5 8.1 Winter Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 0.143 0.81 83.3 6.2 7.5 8.0 Winter	Drury_IN	13-11	3/16/2014	7:12	0.03	0.003	0.054	0.72	5.7	32.5	21.4	9.2	Winter
Drury_IN 13-4 3/16/2014 5:06 0.05 0.007 0.073 0.76 64.7 7.8 8.5 8.1 Winter Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 0.143 0.81 83.3 6.2 7.5 8.0 Winter	Drury_IN	13-2	3/16/2014	3:58	0.03	0.004	0.157	0.83	79.7	6.5	8.0	8.3	Winter
Drury_IN 13-5 3/16/2014 5:10 0.07 0.016 0.143 0.81 83.3 6.2 7.5 8.0 Winter	Drury_IN	13-3	3/16/2014	4:01	0.03	0.004	0.120	1.30	35.3	6.7	8.4	8.2	Winter
5/2/2017 5/20 5/20 5/20 5/20 5/20 5/20 5/20 5/20	Drury_IN	13-4	3/16/2014	5:06	0.05	0.007	0.073	0.76	64.7	7.8	8.5	8.1	Winter
Drury_IN 13-6 3/16/2014 5:25 0.05 0.007 0.073 0.72 16.0 18.0 12.9 7.9 Winter	Drury_IN	13-5	3/16/2014	5:10	0.07	0.016	0.143	0.81	83.3	6.2	7.5	8.0	Winter
	Drury_IN	13-6	3/16/2014	5:25	0.05	0.007	0.073	0.72	16.0	18.0	12.9	7.9	Winter

Drury_IN	13-7	3/16/2014	6:02	0.03	0.004	0.053	0.65	7.0	23.9	15.8	7.9	Winter
Drury_IN	13-8	3/16/2014	6:10	0.04	0.005	0.048	0.62	8.3	22.6	15.4	7.9	Winter
Drury_IN	13-9	3/16/2014	6:42	0.03	0.003	0.053	0.72	5.0	29.7	18.9	8.1	Winter
Drury_IN	14-1	4/27/2014	13:06	0.04	0.006	0.994	4.31	294.0	11.2	90.0	6.5	Spring
Drury_IN	14-2	4/27/2014	13:21	0.05	0.008	0.170	1.07	31.7	1.3	46.4	6.7	Spring
Drury_IN	14-3	4/27/2014	16:52	0.09	0.022	0.240	1.74	162.0	1.2	47.0	6.8	Spring
Drury_IN	14-4	4/27/2014	23:38	0.10	0.027	0.218	1.53	178.0	0.6	40.0	7.0	Spring
Drury_IN	14-5	4/27/2014	23:46	0.07	0.016	0.069	0.95	35.0	0.6	38.5	7.1	Spring
Drury_IN	14-6	4/28/2014	0:01	0.06	0.010	0.099	0.67	8.3	0.5	38.9	7.2	Spring
Drury_IN	14-7	4/28/2014	0:16	0.04	0.006	0.066	0.61	6.0	1.0	51.0	7.3	Spring
Drury_IN	15-1	5/8/2014	15:04	0.03	0.003	0.562	4.14	98.0	2.1	83.8	6.6	Spring
Drury_IN	15-10	5/9/2014	7:12	0.26	0.184	0.173	1.48	364.3	0.4	26.4	7.5	Spring
Drury_IN	15-11	5/9/2014	7:24	0.08	0.018	0.079	0.71	33.0	4.7	66.7	7.1	Spring
Drury_IN	15-2	5/8/2014	15:19	0.08	0.019	0.281	1.82	59.7	1.8	47.6	6.9	Spring
Drury_IN	15-3	5/8/2014	15:34	0.04	0.006	0.130	0.82	23.7	1.2	38.3	7.1	Spring
Drury_IN	15-4	5/8/2014	15:49	0.07	0.016	0.109	0.68	26.3	0.5	36.2	7.2	Spring
Drury_IN	15-5	5/8/2014	16:04	0.06	0.011	0.064	0.62	17.7	1.1	45.1	7.1	Spring
Drury_IN	15-6	5/8/2014	16:19	0.06	0.011	0.066	0.53	5.3	1.4	47.1	7.3	Spring
Drury_IN	15-7	5/8/2014	16:34	0.05	0.007	0.060	0.55	6.0	2.0	52.3	7.3	Spring
Drury_IN	15-8	5/9/2014	1:26	0.16	0.073	0.283	1.28	311.7	0.8	42.1	7.4	Spring
Drury_IN	15-9	5/9/2014	1:33	0.06	0.010	0.128	0.64	36.7	1.2	42.4	7.4	Spring

Table 17. Drury-OUT Pre-Implementation Water Quality Data

Table 17. D	rury-OU1	Pre-impiei	mentat	ion water	Quanty	Data						
Site	Sample ID	Date	Time	Stage (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC (uS/cm)	рН	Season
Drury_OUT	1-1	8/31/2012	3:49	0.09	0.009	0.275	0.92	131.5	0.0	5.6	7.6	Summer
Drury_OUT	1-2	8/31/2012	4:19	0.09	0.008	0.157	0.27	17.7	0.1	4.3	7.6	Summer
Drury_OUT	1-3	8/31/2012	4:49	0.18	0.034	0.145	0.50	187.0	0.4	3.4	7.6	Summer
Drury_OUT	1-4	8/31/2012	5:19	0.12	0.015	0.090	1.06	24.0	4.8	11.2	7.8	Summer
Drury_OUT	1-5	8/31/2012	5:49	0.07	0.005	0.089	1.82	7.5	12.4	16.7	8.4	Summer
Drury_OUT	1-6	8/31/2012	6:06	0.06	0.004	0.075	2.97	12.7	22.1	27.4	8.4	Summer
Drury_OUT	1-7	8/31/2012	6:22	0.07	0.005	0.163	1.19	7.0	10.3	15.5	8.5	Summer
Drury_OUT	1-8	8/31/2012	6:52	0.16	0.027	0.076	0.29	15.3	0.0	3.9	8.6	Summer
Drury_OUT	1-9	8/31/2012	7:22	0.09	0.009	0.086	0.94	3.7	4.9	9.6	8.4	Summer
Drury_OUT	2-1	10/12/2012	4:47	0.08	0.008	0.723	1.97	196.0	1.3	5.3	8.1	Fall
Drury_OUT	2-2	10/12/2012	5:17	0.22	0.050	0.938	1.12	100.5	3.3	10.5	8.4	Fall
Drury_OUT	2-3	10/12/2012	5:51	0.06	0.003	0.379	1.03	158.5	2.9	14.8	8.6	Fall
Drury_OUT	2-4	10/12/2012	6:07	0.06	0.004	0.268	0.83	15.0	3.3	13.8	8.6	Fall
Drury_OUT	2-5	10/12/2012	6:12	0.06	0.004	0.234	0.68	10.7	2.4	11.4	8.5	Fall
Drury_OUT	2-6	10/12/2012	6:20	0.07	0.005	0.213	0.64	16.8	1.7	9.8	8.5	Fall
Drury_OUT	2-7	10/12/2012	6:50	0.07	0.006	0.278	0.76	3.6	2.2	9.6	8.5	Fall
Drury_OUT	3-1	11/12/2012	11:51	0.14	0.021	0.338	2.42	128.8	2.9	45.7	7.1	Fall
Drury_OUT	3-2	11/12/2012	12:21	0.12	0.015	0.143	0.86	36.7	1.0	26.1	7.2	Fall
Drury_OUT	3-3	11/12/2012	14:03	0.06	0.004	0.104	0.57	7.0	NS	32.1	7.5	Fall
Drury_OUT	3-4	11/12/2012	14:25	0.09	0.009	0.094	0.31	3.0	0.8	38.2	8.4	Fall
Drury_OUT	3-5	11/12/2012	14:51	0.06	0.004	0.157	0.82	4.0	1.5	60.4	8.4	Fall
Drury_OUT	3-6	11/12/2012	15:00	0.07	0.005	0.122	0.65	3.0	1.6	58.2	9.1	Fall
Drury_OUT	3-7	11/12/2012	17:56	0.06	0.004	0.087	0.51	2.7	1.0	44.9	8.1	Fall
Drury_OUT	3-8	11/12/2012	18:06	0.06	0.004	0.076	0.37	3.0	1.0	32.1	8.3	Fall
Drury_OUT	4-1	12/4/2012	1:14	0.07	0.005	0.185	1.13	37.7	1.6	41.7	7.4	Fall
Drury_OUT	4-2	12/4/2012	2:56	0.05	0.003	0.139	0.46	33.3	1.0	28.6	7.0	Fall
Drury_OUT	4-3	12/4/2012	3:23	0.09	0.010	0.068	0.35	15.3	1.3	29.2	6.7	Fall
Drury_OUT	4-4	12/4/2012	3:53	0.06	0.005	0.064	0.44	4.7	1.0	44.5	7.8	Fall
Drury_OUT	4-5	12/4/2012	4:09	0.06	0.004	0.100	0.96	3.6	1.8	75.7	9.0	Fall
Drury_OUT	4-6	12/4/2012	4:29	0.06	0.004	0.101	0.81	4.0	2.1	95.1	8.9	Fall
Drury_OUT	5-1	4/10/2013	4:35	0.04	0.001	0.546	2.35	289.5	0.6	81.4	7.3	Spring
Drury_OUT	5-2	4/10/2013	5:37	0.04	0.001	0.168	2.4	153.0	1.9	64.9	7.7	Spring
Drury_OUT	5-3	4/10/2013	5:46	0.12	0.016	0.112	1.23	34.5	1.9	68.2	7.7	Spring

Druny_OUT 5-4 4/10/2013 17:11 0.04 0.002 0.220 0.76 187.0 1.2 46.1 7.4 Spring Druny_OUT 5-5 4/10/2013 17:40 0.15 0.024 0.090 0.52 27.7 1.4 51.3 8.6 Spring Druny_OUT 5-6 4/10/2013 18:10 0.10 0.011 0.051 0.47 9.7 1.0 66.9 9.7 Spring Druny_OUT 5-7 4/10/2013 18:10 0.08 0.007 0.077 0.52 9.0 1.7 100.0 9.8 Spring Druny_OUT 6-1 4/26/2013 7:43 0.04 0.002 0.105 0.92 19.0 1.2 53.4 7.6 Spring Druny_OUT 6-2 4/26/2013 7:88 0.06 0.004 0.102 1.47 15.0 1.2 50.4 7.3 Spring Druny_OUT 6-3 4/26/2013 9:23 0.06 0.004 0.102 1.47 15.0 1.2 50.4 7.3 Spring Druny_OUT 6-4 4/26/2013 9:23 0.07 0.005 0.0011 1.14 1.8 22.3 1.6 63.8 7.2 Spring Druny_OUT 6-5 4/26/2013 9:23 0.07 0.005 0.0071 1.04 8.7 2.0 66.0 7.3 Spring Druny_OUT 6-6 4/26/2013 10:56 0.06 0.003 0.045 0.79 1.40 2.3 81.5 7.7 Spring Druny_OUT 6-6 4/26/2013 11:37 0.09 0.008 0.039 0.73 4.0 2.3 78.6 8.0 Spring Druny_OUT 6-7 4/26/2013 11:37 0.09 0.008 0.039 0.73 4.0 2.3 78.6 8.0 Spring Druny_OUT 6-8 4/26/2013 11:37 0.09 0.008 0.039 0.73 4.0 2.3 78.6 8.0 Spring Druny_OUT 6-8 4/26/2013 11:37 0.09 0.008 0.039 0.73 4.0 2.3 78.6 8.0 Spring Druny_OUT 6-8 4/26/2013 11:37 0.09 0.008 0.039 0.73 4.0 2.3 78.6 8.0 Spring Druny_OUT 6-9 4/26/2013 1:20 0.10 0.011 0.047 0.50 1.40 1.3 58.2 9.3 Spring Druny_OUT 6-9 4/26/2013 1:20 0.10 0.011 0.047 0.50 1.40 1.3 58.2 9.3 Spring Druny_OUT 6-10 4/26/2013 1:20 0.05 0.003 0.037 0.67 0.7 2.0 7.0 5.6													
Drury_OUT S-6	Drury_OUT	5-4	4/10/2013	17:11	0.04	0.002	0.220	0.76	187.0	1.2	46.1	7.4	Spring
Drury_OUT 5-7	Drury_OUT	5-5	4/10/2013	17:40	0.15	0.024	0.090	0.52	27.7	1.4	51.3	8.6	Spring
Drury_OUT 6-1	Drury_OUT	5-6	4/10/2013	18:10	0.10	0.011	0.051	0.47	9.7	1.0	65.9	9.7	Spring
Drury_OUT 6-2	Drury_OUT	5-7	4/10/2013	18:40	0.08	0.007	0.077	0.52	9.0	1.7	100.0	9.8	Spring
Drury_OUT 6-3	Drury_OUT	6-1	4/26/2013	7:43	0.04	0.002	0.105	0.92	19.0	1.2	53.4	7.6	Spring
Drury_OUT 6-4 4/26/2013 9:23 0.07 0.005 0.071 1.04 8.7 2.0 66.0 7.3 Spring	Drury_OUT	6-2	4/26/2013	7:58	0.06	0.004	0.102	1.47	15.0	1.2	50.4	7.3	Spring
Drury_OUT 6-5 4/26/2013 10:56 0.06 0.003 0.045 0.79 14.0 2.3 81.5 7.7 Spring	Drury_OUT	6-3	4/26/2013	9:02	0.06	0.004	0.094	1.18	22.3	1.6	63.8	7.2	Spring
Drury_OUT 6-6 4/26/2013 11:16 0.06 0.005 0.039 0.73 4.0 2.3 78.6 8.0 Spring Drury_OUT 6-7 4/26/2013 11:37 0.09 0.008 0.039 0.48 11.0 1.4 51.8 7.6 Spring Drury_OUT 6-8 4/26/2013 12:07 0.10 0.011 0.047 0.50 14.0 1.3 58.2 9.3 Spring Drury_OUT 6-9 4/26/2013 15:56 0.06 0.003 0.037 0.67 6.7 2.0 70.5 8.6 Spring Drury_OUT 6-10 4/26/2013 17:03 0.05 0.003 0.067 0.88 32.7 2.1 71.1 9.1 Spring Drury_OUT 6-12 4/26/2013 17:21 0.07 0.005 0.031 0.56 12.0 1.8 61.1 8.8 Spring Drury_OUT 6-13 4/26/2013 18:26 0.08	Drury_OUT	6-4	4/26/2013	9:23	0.07	0.005	0.071	1.04	8.7	2.0	66.0	7.3	Spring
Druy_OUT 6-7 4/26/2013 11:37 0.09 0.008 0.039 0.48 11.0 1.4 51.8 7.6 Spring Druy_OUT 6-8 4/26/2013 12:07 0.10 0.011 0.047 0.50 14.0 1.3 58.2 9.3 Spring Druy_OUT Druy_OUT 6-9 4/26/2013 15:56 0.06 0.003 0.037 0.67 6.7 2.0 70.5 8.6 Spring Druy_OUT Druy_OUT 6-10 4/26/2013 17:03 0.05 0.003 0.037 0.67 6.7 2.0 70.5 8.6 Spring Druy_OUT Druy_OUT 6-11 4/26/2013 17:06 0.06 0.003 0.067 0.88 32.7 2.1 71.1 9.1 Spring Druy_OUT Druy_OUT 6-13 4/26/2013 17:21 0.07 0.005 0.031 0.56 12.0 1.8 61.1 8.8 Spring Druy_OUT Druy_OUT 6-16 4/26/2013 18:26 0.08 <	Drury_OUT	6-5	4/26/2013	10:56	0.06	0.003	0.045	0.79	14.0	2.3	81.5	7.7	Spring
Drury_OUT 6-8 4/26/2013 12:07 0.10 0.011 0.047 0.50 14.0 1.3 58.2 9.3 Spring Drury_OUT 6-9 4/26/2013 15:56 0.06 0.003 0.037 0.67 6.7 2.0 70.5 8.6 Spring Drury_OUT 6-10 4/26/2013 15:56 0.06 0.003 0.032 0.73 3.7 2.3 82.3 9.0 Spring Drury_OUT 6-10 4/26/2013 17:16 0.05 0.003 0.067 0.88 32.7 2.1 71.1 9.1 Spring Drury_OUT 6-12 4/26/2013 17:16 0.05 0.003 0.045 0.88 15.0 1.7 75.1 8.8 Spring Drury_OUT 6-13 4/26/2013 18:01 0.07 0.005 0.031 0.56 12.0 1.8 61.1 8.8 Spring Drury_OUT 6-14 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/	Drury_OUT	6-6	4/26/2013	11:16	0.06	0.005	0.039	0.73	4.0	2.3	78.6	8.0	Spring
Drury_OUT 6-9 4/26/2013 15:56 0.06 0.003 0.037 0.67 6.7 2.0 70.5 8.6 Spring Drury_OUT 6-10 4/26/2013 16:11 0.06 0.003 0.032 0.73 3.7 2.3 82.3 9.0 Spring Drury_OUT Drury_OUT 6-11 4/26/2013 17:03 0.05 0.003 0.067 0.88 32.7 2.1 71.1 9.1 Spring Drury_OUT Drury_OUT 6-12 4/26/2013 17:16 0.06 0.003 0.045 0.88 15.0 1.7 75.1 8.8 Spring Drury_OUT Drury_OUT 6-13 4/26/2013 18:01 0.07 0.005 0.050 0.67 37.7 1.9 60.5 9.2 Spring Drury_OUT Drury_OUT 6-15 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT Drury_OUT 6-16 4/26/2013 20:20 0.08 </td <td>Drury_OUT</td> <td>6-7</td> <td>4/26/2013</td> <td>11:37</td> <td>0.09</td> <td>0.008</td> <td>0.039</td> <td>0.48</td> <td>11.0</td> <td>1.4</td> <td>51.8</td> <td>7.6</td> <td>Spring</td>	Drury_OUT	6-7	4/26/2013	11:37	0.09	0.008	0.039	0.48	11.0	1.4	51.8	7.6	Spring
Drury_OUT 6-10 4/26/2013 16:11 0.06 0.003 0.032 0.73 3.7 2.3 82.3 9.0 Spring Drury_OUT 6-11 4/26/2013 17:03 0.05 0.003 0.067 0.88 32.7 2.1 71.1 9.1 Spring Drury_OUT 6-12 4/26/2013 17:16 0.06 0.003 0.045 0.88 15.0 1.7 75.1 8.8 Spring Drury_OUT 6-13 4/26/2013 17:21 0.07 0.005 0.051 0.67 37.7 1.9 60.5 9.2 Spring Drury_OUT 6-15 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-16 4/26/2013 20:30 0.11	Drury_OUT	6-8	4/26/2013	12:07	0.10	0.011	0.047	0.50	14.0	1.3	58.2	9.3	Spring
Drury_OUT 6-11 4/26/2013 17:03 0.05 0.003 0.067 0.88 32.7 2.1 71.1 9.1 Spring Drury_OUT 6-12 4/26/2013 17:16 0.06 0.003 0.045 0.88 15.0 1.7 75.1 8.8 Spring Drury_OUT 6-13 4/26/2013 17:21 0.07 0.005 0.031 0.56 12.0 1.8 61.1 8.8 Spring Drury_OUT 6-14 4/26/2013 18:01 0.07 0.005 0.050 0.67 37.7 1.9 60.5 9.2 Spring Drury_OUT 6-16 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-18 4/26/2013 20:30 0.11	Drury_OUT	6-9	4/26/2013	15:56	0.06	0.003	0.037	0.67	6.7	2.0	70.5	8.6	Spring
Drury_OUT 6-12 4/26/2013 17:16 0.06 0.003 0.045 0.88 15.0 1.7 75.1 8.8 Spring Drury_OUT 6-13 4/26/2013 17:21 0.07 0.005 0.031 0.56 12.0 1.8 61.1 8.8 Spring Drury_OUT 6-14 4/26/2013 18:01 0.07 0.005 0.050 0.67 37.7 1.9 60.5 9.2 Spring Drury_OUT 6-15 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-17 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:10 0.01	Drury_OUT	6-10	4/26/2013	16:11	0.06	0.003	0.032	0.73	3.7	2.3	82.3	9.0	Spring
Drury_OUT 6-13 4/26/2013 17:21 0.07 0.005 0.031 0.56 12.0 1.8 61.1 8.8 Spring Drury_OUT 6-14 4/26/2013 18:01 0.07 0.005 0.050 0.67 37.7 1.9 60.5 9.2 Spring Drury_OUT 6-15 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-17 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:00 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06	Drury_OUT	6-11	4/26/2013	17:03	0.05	0.003	0.067	0.88	32.7	2.1	71.1	9.1	Spring
Drury_OUT 6-14 4/26/2013 18:01 0.07 0.005 0.050 0.67 37.7 1.9 60.5 9.2 Spring Drury_OUT 6-15 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-17 4/26/2013 20:20 0.08 0.007 0.020 0.50 0.7 2.6 120.9 10.0 Spring Drury_OUT 6-18 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:10 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06	Drury_OUT	6-12	4/26/2013	17:16	0.06	0.003	0.045	0.88	15.0	1.7	75.1	8.8	Spring
Drury_OUT 6-15 4/26/2013 18:26 0.08 0.007 0.032 0.56 6.0 1.9 83.4 9.5 Spring Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-17 4/26/2013 20:20 0.08 0.007 0.020 0.50 0.7 2.6 120.9 10.0 Spring Drury_OUT 6-18 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:00 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06 0.004 0.035 0.52 20.3 2.9 124.9 10.0 Spring Drury_OUT 6-21 4/26/2013 21:40 0.06	Drury_OUT	6-13	4/26/2013	17:21	0.07	0.005	0.031	0.56	12.0	1.8	61.1	8.8	Spring
Drury_OUT 6-16 4/26/2013 19:36 0.06 0.003 0.022 0.54 5.7 2.6 132.2 10.3 Spring Drury_OUT 6-17 4/26/2013 20:20 0.08 0.007 0.020 0.50 0.7 2.6 120.9 10.0 Spring Drury_OUT 6-18 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:00 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06 0.004 0.035 0.52 20.3 2.9 124.9 10.0 Spring Drury_OUT 6-21 4/26/2013 21:40 0.06 0.005 0.042 0.58 8.7 3.3 163.3 10.1 Spring Drury_OUT 6-22 4/27/2013 11:43 0.07	Drury_OUT	6-14	4/26/2013	18:01	0.07	0.005	0.050	0.67	37.7	1.9	60.5	9.2	Spring
Drury_OUT 6-17 4/26/2013 20:20 0.08 0.007 0.020 0.50 0.7 2.6 120.9 10.0 Spring Drury_OUT 6-18 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:00 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06 0.004 0.035 0.52 20.3 2.9 124.9 10.0 Spring Drury_OUT 6-21 4/26/2013 21:40 0.06 0.005 0.042 0.58 8.7 3.3 163.3 10.1 Spring Drury_OUT 6-22 4/27/2013 11:43 0.07 0.005 0.031 0.52 13.7 1.5 49.5 8.3 Spring Drury_OUT 6-23 4/27/2013 11:47 0.06	Drury_OUT	6-15	4/26/2013	18:26	0.08	0.007	0.032	0.56	6.0	1.9	83.4	9.5	Spring
Drury_OUT 6-18 4/26/2013 20:30 0.11 0.014 0.022 0.86 18.3 1.3 48.6 9.5 Spring Drury_OUT 6-19 4/26/2013 21:00 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06 0.004 0.035 0.52 20.3 2.9 124.9 10.0 Spring Drury_OUT 6-21 4/26/2013 21:40 0.06 0.005 0.042 0.58 8.7 3.3 163.3 10.1 Spring Drury_OUT 6-22 4/27/2013 11:43 0.07 0.005 0.031 0.52 13.7 1.5 49.5 8.3 Spring Drury_OUT 6-23 4/27/2013 11:47 0.06 0.004 0.026 0.52 9.7 1.3 50.2 7.8 Spring Drury_OUT 7-1 9/20/2013 0:12 0.14	Drury_OUT	6-16	4/26/2013	19:36	0.06	0.003	0.022	0.54	5.7	2.6	132.2	10.3	Spring
Drury_OUT 6-19 4/26/2013 21:00 0.12 0.016 0.040 0.31 6.0 1.8 87.3 9.5 Spring Drury_OUT 6-20 4/26/2013 21:18 0.06 0.004 0.035 0.52 20.3 2.9 124.9 10.0 Spring Drury_OUT 6-21 4/26/2013 21:40 0.06 0.005 0.042 0.58 8.7 3.3 163.3 10.1 Spring Drury_OUT 6-22 4/27/2013 11:43 0.07 0.005 0.031 0.52 13.7 1.5 49.5 8.3 Spring Drury_OUT 6-23 4/27/2013 11:47 0.06 0.004 0.026 0.52 9.7 1.3 50.2 7.8 Spring Drury_OUT 7-1 9/20/2013 0:12 0.14 0.021 0.276 0.69 142.0 1.1 36.1 7.0 Summer Drury_OUT 7-2 9/20/2013 0:42 0.13	Drury_OUT	6-17	4/26/2013	20:20	0.08	0.007	0.020	0.50	0.7	2.6	120.9	10.0	Spring
Drury_OUT 6-20 4/26/2013 21:18 0.06 0.004 0.035 0.52 20:3 2.9 124.9 10.0 Spring Drury_OUT 6-21 4/26/2013 21:40 0.06 0.005 0.042 0.58 8.7 3.3 163.3 10.1 Spring Drury_OUT 6-22 4/27/2013 11:43 0.07 0.005 0.031 0.52 13.7 1.5 49.5 8.3 Spring Drury_OUT 6-23 4/27/2013 11:47 0.06 0.004 0.026 0.52 9.7 1.3 50.2 7.8 Spring Drury_OUT 7-1 9/20/2013 0.12 0.14 0.021 0.276 0.69 142.0 1.1 36.1 7.0 Summer Drury_OUT 7-2 9/20/2013 0.12 0.14 0.020 0.124 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 <	Drury_OUT	6-18	4/26/2013	20:30	0.11	0.014	0.022	0.86	18.3	1.3	48.6	9.5	Spring
Drury_OUT 6-21 4/26/2013 21:40 0.06 0.005 0.042 0.58 8.7 3.3 163.3 10.1 Spring Drury_OUT 6-22 4/27/2013 11:43 0.07 0.005 0.031 0.52 13.7 1.5 49.5 8.3 Spring Drury_OUT 6-23 4/27/2013 11:47 0.06 0.004 0.026 0.52 9.7 1.3 50.2 7.8 Spring Drury_OUT 7-1 9/20/2013 0:12 0.14 0.021 0.276 0.69 142.0 1.1 36.1 7.0 Summer Drury_OUT 7-2 9/20/2013 0:42 0.13 0.018 0.166 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 0.020 0.124 0.34 14.7 1.5 46.2 7.3 Summer Drury_OUT 7-4 9/20/2013 1:42 0.13 0	Drury_OUT	6-19	4/26/2013	21:00	0.12	0.016	0.040	0.31	6.0	1.8	87.3	9.5	Spring
Drury_OUT 6-22 4/27/2013 11:43 0.07 0.005 0.031 0.52 13.7 1.5 49.5 8.3 Spring Drury_OUT 6-23 4/27/2013 11:47 0.06 0.004 0.026 0.52 9.7 1.3 50.2 7.8 Spring Drury_OUT 7-1 9/20/2013 0:12 0.14 0.021 0.276 0.69 142.0 1.1 36.1 7.0 Summer Drury_OUT 7-2 9/20/2013 0:42 0.13 0.018 0.166 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 0.020 0.124 0.34 14.7 1.5 46.2 7.3 Summer Drury_OUT 7-4 9/20/2013 1:42 0.13 0.019 0.100 0.40 6.7 1.5 54.1 7.8 Summer Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018	Drury_OUT	6-20	4/26/2013	21:18	0.06	0.004	0.035	0.52	20.3	2.9	124.9	10.0	Spring
Drury_OUT 6-23 4/27/2013 11:47 0.06 0.004 0.026 0.52 9.7 1.3 50.2 7.8 Spring Drury_OUT 7-1 9/20/2013 0:12 0.14 0.021 0.276 0.69 142.0 1.1 36.1 7.0 Summer Drury_OUT 7-2 9/20/2013 0:42 0.13 0.018 0.166 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 0.020 0.124 0.34 14.7 1.5 46.2 7.3 Summer Drury_OUT 7-4 9/20/2013 1:42 0.13 0.019 0.100 0.40 6.7 1.5 54.1 7.8 Summer Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018 0.109 0.07 4.0 1.3 61.0 8.5 Summer Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 <td>Drury_OUT</td> <td>6-21</td> <td>4/26/2013</td> <td>21:40</td> <td>0.06</td> <td>0.005</td> <td>0.042</td> <td>0.58</td> <td>8.7</td> <td>3.3</td> <td>163.3</td> <td>10.1</td> <td>Spring</td>	Drury_OUT	6-21	4/26/2013	21:40	0.06	0.005	0.042	0.58	8.7	3.3	163.3	10.1	Spring
Drury_OUT 7-1 9/20/2013 0:12 0.14 0.021 0.276 0.69 142.0 1.1 36.1 7.0 Summer Drury_OUT 7-2 9/20/2013 0:42 0.13 0.018 0.166 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 0.020 0.124 0.34 14.7 1.5 46.2 7.3 Summer Drury_OUT 7-4 9/20/2013 1:42 0.13 0.019 0.100 0.40 6.7 1.5 54.1 7.8 Summer Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018 0.109 0.07 4.0 1.3 61.0 8.5 Summer Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 0.086 0.22 3.7 1.2 55.3 8.4 Summer Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008	Drury_OUT	6-22	4/27/2013	11:43	0.07	0.005	0.031	0.52	13.7	1.5	49.5	8.3	Spring
Drury_OUT 7-2 9/20/2013 0:42 0.13 0.018 0.166 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 0.020 0.124 0.34 14.7 1.5 46.2 7.3 Summer Drury_OUT 7-4 9/20/2013 1:42 0.13 0.019 0.100 0.40 6.7 1.5 54.1 7.8 Summer Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018 0.109 0.07 4.0 1.3 61.0 8.5 Summer Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 0.086 0.22 3.7 1.2 55.3 8.4 Summer Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008 0.106 0.57 2.3 2.8 133.0 8.8 Summer	Drury_OUT	6-23	4/27/2013	11:47	0.06	0.004	0.026	0.52	9.7	1.3	50.2	7.8	Spring
Drury_OUT 7-2 9/20/2013 0:42 0.13 0.018 0.166 0.34 14.0 1.8 46.5 7.0 Summer Drury_OUT 7-3 9/20/2013 1:12 0.14 0.020 0.124 0.34 14.7 1.5 46.2 7.3 Summer Drury_OUT 7-4 9/20/2013 1:42 0.13 0.019 0.100 0.40 6.7 1.5 54.1 7.8 Summer Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018 0.109 0.07 4.0 1.3 61.0 8.5 Summer Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 0.086 0.22 3.7 1.2 55.3 8.4 Summer Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008 0.106 0.57 2.3 2.8 133.0 8.8 Summer	Drury_OUT	7-1	9/20/2013	0:12	0.14	0.021	0.276	0.69	142.0	1.1	36.1	7.0	Summer
Drury_OUT 7-4 9/20/2013 1:42 0.13 0.019 0.100 0.40 6.7 1.5 54.1 7.8 Summer Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018 0.109 0.07 4.0 1.3 61.0 8.5 Summer Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 0.086 0.22 3.7 1.2 55.3 8.4 Summer Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008 0.106 0.57 2.3 2.8 133.0 8.8 Summer		7-2	9/20/2013	0:42	0.13	0.018	0.166	0.34	14.0	1.8	46.5	7.0	Summer
Drury_OUT 7-5 9/20/2013 2:12 0.13 0.018 0.109 0.07 4.0 1.3 61.0 8.5 Summer Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 0.086 0.22 3.7 1.2 55.3 8.4 Summer Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008 0.106 0.57 2.3 2.8 133.0 8.8 Summer	Drury_OUT	7-3	9/20/2013	1:12	0.14	0.020	0.124	0.34	14.7	1.5	46.2	7.3	Summer
Drury_OUT 7-6 9/20/2013 2:42 0.14 0.020 0.086 0.22 3.7 1.2 55.3 8.4 Summer Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008 0.106 0.57 2.3 2.8 133.0 8.8 Summer	Drury_OUT	7-4	9/20/2013	1:42	0.13	0.019	0.100	0.40	6.7	1.5	54.1	7.8	Summer
Drury_OUT 7-7 9/20/2013 3:12 0.08 0.008 0.106 0.57 2.3 2.8 133.0 8.8 Summer	Drury_OUT	7-5	9/20/2013	2:12	0.13	0.018	0.109	0.07	4.0	1.3	61.0	8.5	Summer
	Drury_OUT	7-6	9/20/2013	2:42	0.14	0.020	0.086	0.22	3.7	1.2	55.3	8.4	Summer
Drury_OUT 7-8 9/20/2013 3:42 0.09 0.008 0.080 0.34 1.0 1.9 103.1 9.0 Summer	Drury_OUT	7-7	9/20/2013	3:12	0.08	0.008	0.106	0.57	2.3	2.8	133.0	8.8	Summer
	Drury_OUT	7-8	9/20/2013	3:42	0.09	0.008	0.080	0.34	1.0	1.9	103.1	9.0	Summer

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Drury_OUT	7-9	9/20/2013	4:12	0.09	0.010	0.088	0.26	2.7	1.6	89.2	8.7	Summer
Drury_OUT	7-10	9/20/2013	4:42	0.07	0.006	0.089	0.42	0.1	2.9	145.1	8.6	Summer
Drury_OUT	7-11	9/20/2013	5:12	0.07	0.006	0.092	0.55	2.0	4.0	136.1	9.0	Summer
Drury_OUT	7-12	9/20/2013	5:42	0.07	0.005	0.094	0.55	1.0	3.4	165.2	8.5	Summer
Drury_OUT	7-13	9/20/2013	6:12	0.07	0.005	0.094	0.55	0.1	3.2	140.8	8.5	Summer
Drury_OUT	8-1	10/5/2013	7:21	0.06	0.005	0.087	0.35	52.0	1.0	39.0	7.2	Fall
Drury_OUT	8-2	10/5/2013	7:44	0.10	0.011	0.067	0.16	188.7	0.9	36.6	7.3	Fall
Drury_OUT	8-3	10/5/2013	8:14	0.08	0.007	0.046	0.25	15.7	1.0	43.2	7.4	Fall
Drury_OUT	8-4	10/5/2013	8:44	0.09	0.008	0.039	0.16	10.0	0.9	38.2	7.4	Fall
Drury_OUT	8-5	10/5/2013	9:14	0.09	0.008	0.041	0.16	8.3	0.9	52.7	7.7	Fall
Drury_OUT	8-6	10/5/2013	9:23	0.07	0.005	0.049	0.25	5.0	1.0	70.4	8.3	Fall
Drury_OUT	8-7	10/5/2013	9:26	0.06	0.004	0.049	0.20	6.3	1.1	72.2	8.5	Fall
Drury_OUT	8-8	10/5/2013	9:47	0.11	0.013	0.037	0.18	18.0	0.7	42.2	8.4	Fall
Drury_OUT	8-9	10/5/2013	10:18	0.06	0.004	0.041	0.25	4.0	1.1	72.5	8.6	Fall
Drury_OUT	8-10	10/5/2013	10:21	0.06	0.005	0.048	0.31	9.7	1.0	75.5	8.7	Fall
Drury_OUT	8-11	10/5/2013	11:46	0.07	0.005	0.057	0.27	25.0	1.0	55.9	8.5	Fall
Drury_OUT	8-12	10/5/2013	11:53	0.10	0.010	0.040	0.99	14.0	1.0	49.4	8.1	Fall
Drury_OUT	8-13	10/5/2013	12:06	0.12	0.017	0.054	0.22	47.7	0.7	31.4	8.0	Fall
Drury_OUT	8-14	10/5/2013	14:07	0.06	0.004	0.045	0.25	5.3	1.0	58.6	8.3	Fall
Drury_OUT	8-15	10/5/2013	14:16	0.13	0.019	0.046	0.04	72.7	0.5	23.5	8.2	Fall
Drury_OUT	8-16	10/5/2013	14:26	0.19	0.038	0.065	0.14	19.7	0.6	38.7	7.9	Fall
Drury_OUT	8-17	10/5/2013	14:43	0.06	0.005	0.050	0.04	7.3	1.1	59.6	8.4	Fall
Drury_OUT	9-1	10/29/2013	5:48	0.07	0.006	0.206	0.53	75.0	0.7	37.4	6.8	Fall
Drury_OUT	9-2	10/29/2013	6:07	0.06	0.004	0.111	1.02	17.0	0.6	56.1	7.1	Fall
Drury_OUT	9-3	10/29/2013	6:23	0.28	0.074	0.084	0.05	29.0	0.1	22.9	7.4	Fall
Drury_OUT	9-4	10/29/2013	6:53	0.22	0.047	0.139	0.48	10.3	0.5	37.4	7.4	Fall
Drury_OUT	9-5	10/29/2013	7:23	0.12	0.015	0.135	0.53	12.0	0.8	71.8	8.0	Fall
Drury_OUT	9-6	10/29/2013	7:53	0.24	0.055	0.163	0.77	8.7	0.6	53.8	7.9	Fall
Drury_OUT	9-7	10/29/2013	8:23	0.17	0.030	0.061	0.48	18.0	0.3	38.7	7.9	Fall
Drury_OUT	9-8	10/29/2013	8:53	0.06	0.004	0.113	0.71	5.3	1.1	113.0	8.6	Fall
Drury_OUT	9-9	10/29/2013	11:01	0.12	0.016	0.127	1.16	80.3	1.0	39.8	8.1	Fall
Drury_OUT	9-10	10/29/2013	11:19	0.06	0.004	0.14	0.5	10.0	1.3	103.0	7.8	Fall
Drury_OUT	9-11	10/29/2013	13:04	0.07	0.005	0.049	1.13	6.0	1.2	84.3	8.6	Fall
Drury_OUT	9-12	10/29/2013	13:12	0.06	0.004	0.058	0.50	6.0	1.2	90.3	8.2	Fall
Drury_OUT	9-13	10/29/2013	13:13	0.06	0.004	0.066	0.54	6.7	1.3	93.9	8.1	Fall

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Drury_OUT	10-1	11/6/2013	4:19	0.14	0.021	0.139	0.14	119.3	1.2	22.2	6.9	Fall
Drury_OUT	10-2	11/6/2013	4:49	0.10	0.010	0.071	0.18	10.7	0.8	34.7	7.0	Fall
Drury_OUT	10-3	11/6/2013	5:23	0.07	0.005	0.075	0.25	4.3	1.7	60.4	8.8	Fall
Drury_OUT	10-4	11/6/2013	5:38	0.07	0.005	0.106	0.20	5.3	1.5	70.0	8.8	Fall
Drury_OUT	11-1	11/21/2013	9:59	0.13	0.019	0.153	0.29	105.5	0.1	29.2	7.5	Fall
Drury_OUT	11-2	11/21/2013	10:39	0.08	0.007	0.092	0.36	45.0	0.1	31.1	7.4	Fall
Drury_OUT	11-3	11/21/2013	10:41	0.08	0.007	0.094	0.36	26.5	0.1	28.7	7.3	Fall
Drury_OUT	11-4	11/21/2013	11:11	0.11	0.014	0.078	0.32	6.5	0.2	35.2	7.2	Fall
Drury_OUT	12-1	3/8/2014	18:31	0.08	0.007	0.352	0.49	103.0	38.7	20.0	6.7	Winter
Drury_OUT	12-2	3/8/2014	19:46	0.07	0.005	0.168	1.44	33.7	60.9	30.9	7.1	Winter
Drury_OUT	12-3	3/8/2014	19:56	0.07	0.006	0.126	1.37	14.3	77.8	37.2	7.4	Winter
Drury_OUT	12-4	3/8/2014	20:38	0.06	0.004	0.129	1.57	17.7	126.4	54.4	7.4	Winter
Drury_OUT	12-5	3/8/2014	21:01	0.07	0.005	0.104	1.46	11.7	130.8	57.1	7.5	Winter
Drury_OUT	12-6	3/8/2014	21:31	0.07	0.005	0.092	1.33	7.7	114.6	52.6	7.6	Winter
Drury_OUT	13-1	3/16/2014	3:48	0.08	0.007	0.478	0.31	134.0	11.8	12.9	7.5	Winter
Drury_OUT	13-10	3/16/2014	8:30	0.10	0.012	0.048	0.98	6.7	33.3	24.3	9.2	Winter
Drury_OUT	13-11	3/16/2014	9:00	0.07	0.006	0.063	0.84	7.0	39.2	28.0	9.1	Winter
Drury_OUT	13-12	3/16/2014	9:30	0.07	0.006	0.061	0.76	4.0	38.1	27.1	9.1	Winter
Drury_OUT	13-13	3/16/2014	10:00	0.07	0.005	0.067	0.92	3.0	39.1	27.1	9.0	Winter
Drury_OUT	13-14	3/16/2014	10:30	0.08	0.006	0.056	0.68	5.3	35.2	24.4	9.0	Winter
Drury_OUT	13-15	3/16/2014	11:00	0.07	0.005	0.080	0.70	4.0	38.2	26.5	9.0	Winter
Drury_OUT	13-16	3/16/2014	11:30	0.07	0.005	0.075	0.62	5.0	37.2	26.3	9.0	Winter
Drury_OUT	13-2	3/16/2014	4:18	0.08	0.008	0.193	1.12	23.5	7.4	8.3	7.5	Winter
Drury_OUT	13-3	3/16/2014	5:06	0.07	0.005	0.104	0.96	18.0	23.2	16.4	7.4	Winter
Drury_OUT	13-4	3/16/2014	5:30	0.15	0.025	0.075	0.80	19.0	18.0	12.9	7.5	Winter
Drury_OUT	13-5	3/16/2014	6:00	0.11	0.015	0.060	0.72	28.0	32.4	19.7	7.4	Winter
Drury_OUT	13-6	3/16/2014	6:30	0.12	0.015	0.055	0.74	6.5	35.7	22.1	7.5	Winter
Drury_OUT	13-7	3/16/2014	7:00	0.14	0.021	0.048	0.32	8.5	26.0	17.4	7.6	Winter
Drury_OUT	13-8	3/16/2014	7:30	0.13	0.017	0.049	0.68	7.5	33.8	21.5	8.3	Winter
Drury_OUT	13-9	3/16/2014	8:00	0.09	0.010	0.070	0.88	6.0	40.7	26.7	9.0	Winter
Drury_OUT	14-1	4/27/2014	13:09	0.06	0.005	0.949	4.17	314.0	1.7	70.9	7.0	Spring
Drury_OUT	14-2	4/27/2014	16:54	0.13	0.017	0.311	1.79	193.3	1.5	49.5	6.9	Spring
Drury_OUT	14-3	4/27/2014	23:41	0.14	0.021	0.171	1.76	143.7	0.7	42.7	7.1	Spring
Drury_OUT	14-4	4/27/2014	23:54	0.08	0.007	0.093	0.72	28.0	0.7	36.3	7.1	Spring
Drury_OUT	15-1	5/8/2014	15:16	0.04	0.002	0.430	2.41	77.0	0.3	59.9	6.8	Spring

Drury_OUT	15-2	5/8/2014	15:46	0.10	0.011	0.140	0.86	31.0	0.2	39.5	7.2	Spring
Drury_OUT	15-3	5/8/2014	16:16	0.14	0.022	0.079	0.49	32.7	0.7	42.2	7.2	Spring
Drury_OUT	15-4	5/8/2014	1:27	0.21	0.045	0.336	1.24	418.0	1.1	49.5	7.2	Spring
Drury_OUT	15-5	5/8/2014	1:32	0.22	0.047	0.174	1.01	131.7	0.4	37.9	7.2	Spring
Drury_OUT	15-6	5/8/2014	7:14	0.28	0.073	0.322	1.59	356.0	0.0	29.3	7.1	Spring

Table 18. Drury-IN Post-Implementation Water Quality Data

14010 10.	Diary III	1 Ost-Impic	111101110	ttioii vva	ter Quar	Data		ı	I	ı		ı
Site	Sample ID	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC uS/cm)	рН	Season
Drury_IN	16-1	10/9/2014	15:04	0.11	0.033	0.128	0.87	200	1.0	54.5	6.2	Fall
Drury_IN	16-2	10/9/2014	15:19	0.16	0.075	0.069	0.47	35.0	0.8	43.3	6.6	Fall
Drury_IN	16-3	10/9/2014	15:34	0.09	0.025	0.074	0.47	16.0	1.0	70.5	6.7	Fall
Drury_IN	16-4	10/9/2014	15:49	0.04	0.006	0.101	0.57	24.0	1.9	115.7	6.9	Fall
Drury_IN	16-5	10/9/2014	16:04	0.05	0.008	0.065	0.57	11.0	2.2	107.9	7.2	Fall
Drury_IN	16-6	10/9/2014	16:19	0.05	0.007	0.052	0.51	7.0	2.4	113.0	7.3	Fall
Drury_IN	16-7	10/9/2014	16:34	0.03	0.003	0.066	0.55	4.0	2.3	142.3	7.6	Fall
Drury_IN	16-8	10/9/2014	16:49	0.06	0.010	0.049	0.35	11.0	1.3	84.7	7.8	Fall
Drury_IN	16-9	10/9/2014	17:04	0.05	0.007	0.066	0.35	13.0	1.6	116.0	7.8	Fall
Drury_IN	17-1	11/4/2014	2:36	0.10	0.028	0.153	1.06	55.33	1.1	39.0	6.4	Fall
Drury_IN	17-2	11/4/2014	2:51	0.07	0.016	0.074	0.43	26.0	0.8	32.8	6.9	Fall
Drury_IN	17-3	11/4/2014	3:06	0.05	0.007	0.066	0.41	6.7	1.0	42.4	7.3	Fall
Drury_IN	17-4	11/4/2014	3:21	0.05	0.008	0.078	0.35	8.0	1.2	59.8	7.6	Fall
Drury_IN	17-5	11/4/2014	3:28	0.04	0.004	0.083	0.39	22.7	1.2	47.8	7.8	Fall
Drury_IN	17-6	11/4/2014	3:40	0.05	0.008	0.062	0.37	6.0	1.1	52.1	8.0	Fall
Drury_IN	17-7	11/4/2014	3:55	0.05	0.008	0.07	0.43	4.7	1.6	67.3	8.1	Fall
Drury_IN	17-8	11/4/2014	4:10	0.05	0.008	0.069	0.37	3.3	1.5	61.3	8.1	Fall
Drury_IN	17-9	11/4/2014	4:25	0.04	0.006	0.072	0.45	2.7	1.6	76.7	8.2	Fall
Drury_IN	17-10	11/4/2014	4:34	0.03	0.004	0.072	0.39	2.0	1.7	75.1	8.4	Fall
Drury_IN	18-1	3/13/2015	19:24	0.03	0.004	0.223	1.14	236	18.4	123.0	8.0	Winter
Drury_IN	18-2	3/13/2015	19:39	0.03	0.004	0.138	0.03	38.0	33.52	187.2	8.0	Winter
Drury_IN	18-3	3/13/2015	19:54	0.03	0.004	0.114	0.66	60.0	24.64	136.6	8.1	Winter
Drury_IN	18-4	3/13/2015	20:02	0.03	0.003	0.281	1.01	332	18.25	116.3	8.2	Winter
Drury_IN	18-5	3/13/2015	20:10	0.03	0.003	0.163	0.70	51.5	25.05	154.1	8.2	Winter
Drury_IN	18-6	3/13/2015	20:16	0.03	0.004	0.125	0.62	29.0	24.52	101.9	8.2	Winter
Drury_IN	18-7	3/13/2015	20:27	0.06	0.012	0.182	0.70	93.5	16.1	106.8	8.4	Winter
Drury_IN	18-8	3/13/2015	20:42	0.07	0.014	0.092	0.42	36.5	19.9	128.6	8.4	Winter
Drury_IN	18-9	3/13/2015	20:57	0.05	0.007	0.109	0.64	190	19.64	123.1	8.5	Winter
Drury_IN	18-10	3/13/2015	21:12	0.07	0.015	0.091	0.03	67.0	13.49	92.4	8.9	Winter
Drury_IN	18-11	3/13/2015	21:27	0.05	0.007	0.072	0.40	21.5	20.78	136.4	9.0	Winter
Drury_IN	18-12	3/13/2015	21:42	0.05	0.007	0.058	0.36	15.0	22.53	145.1	9.0	Winter
Drury_IN	18-13	3/13/2015	21:57	0.04	0.006	0.060	0.34	10.0	32.63	143.6	8.9	Winter
Drury_IN	18-14	3/13/2015	22:12	0.04	0.005	0.078	0.38	32.4	15.49	50.7	8.5	Winter

Drury IN 19-1 3/25/2015 19-24 0.05 0.008 0.968 1.73 3.06 2.2 5.50 7.6 Spring Drury IN 19-2 3/25/2015 19-39 0.05 0.007 0.152 0.72 533 4.0 82.0 7.2 Spring Drury IN 19-3 3/25/2015 19-39 0.05 0.007 0.152 0.72 533 4.0 82.0 7.2 Spring Drury IN 19-4 3/25/2015 19-54 0.04 0.006 0.104 0.62 20.5 4.0 83.7 7.6 Spring Drury IN 19-4 3/25/2015 20-09 0.04 0.006 0.104 0.62 20.5 4.0 83.7 7.6 Spring Drury IN 19-4 3/25/2015 20-09 0.04 0.004 0.078 0.62 12.5 8.3 111.5 7.8 Spring Drury IN 19-6 3/25/2015 20-39 0.03 0.003 0.112 0.64 13 11.4 141.3 7.8 Spring Drury IN 19-7 3/25/2015 20-54 0.04 0.005 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury IN 19-8 3/25/2015 20-54 0.04 0.007 0.062 0.65 13.2 9.4 121.3 7.9 Spring Drury IN 19-9 3/25/2015 21-24 0.04 0.007 0.07 0.47 12.8 6.9 95.1 8.2 Spring Drury IN 19-9 3/25/2015 21-39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury IN 19-10 3/25/2015 21-39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury IN 19-11 3/25/2015 21-39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury IN 19-12 3/25/2015 21-39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.8 Spring Drury IN 19-13 3/25/2015 22-39 0.04 0.004 0.061 0.57 0.44 48.4 5.6 68.0 8.7 Spring Drury IN 19-14 3/25/2015 22-39 0.04 0.004 0.061 0.57 0.44 48.4 5.6 68.0 8.7 Spring Drury IN 19-15 3/25/2015 22-39 0.04 0.004 0.061 0.57 0.44 48.4 5.6 68.0 8.7 Spring Drury IN 19-15 3/25/2015 22-35 0.03 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury IN 19-15 3/25/2015 22-35 0.04 0.004 0.061 0.041 0.052 0.44 0.04 0.053 0.47 7.2 9.2 0.07 0.9 Spring Drury IN 20-6			1				1	1	1	1			
Drury_IN 19-2 3/25/2015 19:39 0.05 0.007 0.152 0.72 53 4.0 82.0 7.2 Spring Drury_IN 19-3 3/25/2015 29:54 0.04 0.066 0.104 0.62 20.5 4.0 83.7 7.6 Spring Drury_IN 19-4 3/25/2015 20:09 0.04 0.004 0.085 0.55 13 5.7 92.2 7.7 Spring Drury_IN 19-5 3/25/2015 20:24 0.03 0.004 0.078 0.62 12.5 8.3 111.5 7.8 Spring Drury_IN 19-6 3/25/2015 20:39 0.03 0.003 0.003 0.012 0.64 13 11.4 141.3 7.8 Spring Drury_IN 19-7 3/25/2015 20:39 0.04 0.005 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury_IN 19-8 3/25/2015 21:09 0.05 0.007 0.082 0.51 19.6 7.4 96.4 81.1 Spring Drury_IN 19-9 3/25/2015 21:24 0.04 0.004 0.007 0.47 12.8 6.9 95.1 8.2 Spring Drury_IN 19-10 3/25/2015 21:39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury_IN 19-10 3/25/2015 21:39 0.04 0.004 0.061 0.57 14.4 9.9 105.7 8.7 Spring Drury_IN 19-12 3/25/2015 22:09 0.06 0.011 0.077 0.44 48.4 5.6 68.0 8.7 Spring Drury_IN 19-13 3/25/2015 22:24 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-14 3/25/2015 22:34 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury_IN 19-14 3/25/2015 22:34 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-14 3/25/2015 22:34 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-16 3/25/2015 22:34 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-16 3/25/2015 22:34 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 20-14 4/2/2015 22:54 0.03 0.003 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 20-14 4/2/2015 22:54 0.03 0.003 0.103 0.85 72.4 9.5 107.0 9.0 Spring Drury_IN 20-4 4/3/2015 22:54 0.06 0.011 0.069 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN	Drury_IN	18-15	3/13/2015	22:27	0.04	0.005	0.062	0.38	12.0	20.91	138.4	8.0	Winter
Drury IN 19-3 3/25/2015 19:54 0.04 0.066 0.104 0.62 20.5 4.0 83.7 7.6 Spring Drury IN 19-4 3/25/2015 20:90 0.04 0.064 0.085 0.55 13 5.7 92.2 7.7 Spring Drury IN 19-5 3/25/2015 20:39 0.03 0.004 0.078 0.62 12.5 8.3 111.5 7.8 Spring Drury IN 19-6 3/25/2015 20:39 0.03 0.004 0.078 0.62 12.5 8.3 111.5 7.8 Spring Drury IN 19-7 3/25/2015 20:34 0.04 0.005 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury IN 19-7 3/25/2015 21:39 0.05 0.007 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury IN 19-9 3/25/2015 21:39 0.04 0.004 0.07 0.47 12.8 6.9 95.1 8.2 Spring Drury IN 19-10 3/25/2015 21:39 0.04 0.004 0.05 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury IN 19-11 3/25/2015 21:39 0.04 0.004 0.061 0.57 14.4 9.9 105.7 8.7 Spring Drury IN 19-12 3/25/2015 22:39 0.06 0.011 0.077 0.44 48.4 5.6 68.0 8.7 Spring Drury IN 19-13 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 19-15 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 19-16 3/25/2015 22:54 0.03 0.003 0.033 0.85 72.4 9.5 103.3 8.7 Spring Drury IN 19-16 3/25/2015 22:54 0.03 0.003 0.03 0.85 72.4 9.5 103.3 8.7 Spring Drury IN 20-1 4/2/2015 23:59 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 20-1 4/2/2015 23:50 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 20-1 4/2/2015 23:50 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 20-1 4/2/2015 23:50 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 20-1 4/2/2015 23:50 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 20-1 4/2/2015 23:50 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8	Drury_IN	19-1	3/25/2015	19:24	0.05	0.008	0.968	1.73	306	2.2	55.0	7.6	Spring
Drury_IN 19-4 3/25/2015 20:09 0.04 0.004 0.085 0.55 13 5.7 92.2 7.7 Spring Drury_IN 19-5 3/25/2015 20:34 0.03 0.004 0.078 0.62 12.5 8.3 111.5 7.8 Spring Drury_IN 19-6 3/25/2015 20:34 0.04 0.005 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury_IN 19-7 3/25/2015 20:54 0.04 0.005 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury_IN 19-8 3/25/2015 21:09 0.05 0.007 0.082 0.51 19.6 7.4 96.4 8.1 Spring Drury_IN 19-9 3/25/2015 21:24 0.04 0.004 0.07 0.47 12.8 6.69 95.1 8.2 Spring Drury_IN 19-10 3/25/2015 21:34 0.04 0.005 0.064 0.51 12.4 8.3 10.27 8.3 Spring Drury_IN 19-11 3/25/2015 21:54 0.04 0.005 0.064 0.51 12.4 8.3 10.27 8.3 Spring Drury_IN 19-11 3/25/2015 21:54 0.04 0.004 0.061 0.57 14.4 9.9 105.7 8.7 Spring Drury_IN 19-12 3/25/2015 22:09 0.06 0.011 0.077 0.44 48.4 5.6 68.0 8.7 Spring Drury_IN 19-13 3/25/2015 22:39 0.04 0.004 0.061 0.44 8.8 9.3 107.7 8.8 Spring Drury_IN 19-14 3/25/2015 22:39 0.04 0.004 0.061 0.44 8.8 9.3 107.7 8.8 Spring Drury_IN 19-15 3/25/2015 22:39 0.04 0.004 0.061 0.44 8.9 9.3 107.7 8.8 Spring Drury_IN 19-16 3/25/2015 22:39 0.04 0.004 0.061 0.44 8.9 9.3 107.7 8.8 Spring Drury_IN 19-16 3/25/2015 22:39 0.04 0.004 0.061 0.44 8.9 9.3 107.7 8.8 Spring Drury_IN 20-1 4/2/2015 22:52 0.06 0.013 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 20-1 4/2/2015 22:52 0.06 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-4 4/3/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-5 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-5 4/2/2015 23:07 0.06 0.013 0.189 2.10 8.7 1.3	Drury_IN	19-2	3/25/2015	19:39	0.05	0.007	0.152	0.72	53	4.0	82.0	7.2	Spring
Drury_IN 19-5 3/25/2015 20-24 0.03 0.004 0.078 0.62 12.5 8.3 111.5 7.8 Spring	Drury_IN	19-3	3/25/2015	19:54	0.04	0.006	0.104	0.62	20.5	4.0	83.7	7.6	Spring
Drury_IN 19-6 3/25/2015 20:39 0.03 0.003 0.112 0.64 13 11.4 141.3 7.8 Spring	Drury_IN	19-4	3/25/2015	20:09	0.04	0.004	0.085	0.55	13	5.7	92.2	7.7	Spring
Drury IN 19-7 3/25/2015 20:54 0.04 0.005 0.082 0.60 13.2 9.4 121.3 7.9 Spring Drury IN 19-8 3/25/2015 21:09 0.05 0.007 0.082 0.51 19.6 7.4 96.4 8.1 Spring Drury IN 19-9 3/25/2015 21:24 0.04 0.004 0.007 0.47 12.8 6.9 95.1 8.2 Spring Drury IN 19-10 3/25/2015 21:39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury IN 19-11 3/25/2015 21:54 0.04 0.004 0.061 0.57 14.4 9.9 105.7 8.7 Spring Drury IN 19-12 3/25/2015 22:09 0.06 0.011 0.067 0.44 48.4 5.6 68.0 8.7 Spring Drury IN 19-13 3/25/2015 22:24 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury IN 19-14 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 19-15 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 19-16 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury IN 19-16 3/25/2015 22:39 0.04 0.004 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury IN 20-1 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury IN 20-2 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury IN 20-5 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury IN 21-1 4/22/2015 1:52 0.06 0.010 0.022 0.139 0.488 3.02 252 0.8 51.0 7.2 Spring Drury IN 21-4 4/22/2015 2:52 0.06 0.010 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury IN 21-4 4/22/2015 2:52 0.06 0.010 0.060 0.91 12.5 2.6 76	Drury_IN	19-5	3/25/2015	20:24	0.03	0.004	0.078	0.62	12.5	8.3	111.5	7.8	Spring
Drury_IN 19-8 3/25/2015 21:09 0.05 0.007 0.082 0.51 19.6 7.4 96.4 8.1 Spring Drury_IN 19-9 3/25/2015 21:24 0.04 0.004 0.07 0.47 12.8 6.9 95.1 8.2 Spring Drury_IN 19-10 3/25/2015 21:39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury_IN 19-11 3/25/2015 21:54 0.04 0.006 0.061 0.57 14.4 9.9 105.7 8.7 Spring Drury_IN 19-12 3/25/2015 22:09 0.06 0.011 0.007 0.44 48.4 5.6 68.0 8.7 Spring Drury_IN 19-13 3/25/2015 22:24 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-14 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury_IN 19-15 3/25/2015 22:34 0.03 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 19-16 3/25/2015 22:54 0.03 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 19-16 3/25/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-1 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-5 4/3/2015 4.08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-6 4/3/2015 4.28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-1 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-2 4/22/2015 2:52 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-4 4/22/2015 2:52 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3	Drury_IN	19-6	3/25/2015	20:39	0.03	0.003	0.112	0.64	13	11.4	141.3	7.8	Spring
Drury IN 19-9 3/25/2015 21:24 0.04 0.004 0.07 0.47 12.8 6.9 95.1 8.2 Spring Drury_IN 19-10 3/25/2015 21:39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring Drury_IN 19-11 3/25/2015 22:09 0.06 0.011 0.077 0.44 48.4 5.6 68.0 8.7 Spring Drury_IN 19-13 3/25/2015 22:24 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-14 3/25/2015 22:24 0.06 0.001 0.04 8 9.3 107.7 8.8 Spring Drury_IN 19-16 3/25/2015 22:39 0.04 0.004 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury_IN 19-16 3/25/2015 22:50 0.26 0.183 <td< td=""><td>Drury_IN</td><td>19-7</td><td>3/25/2015</td><td>20:54</td><td>0.04</td><td>0.005</td><td>0.082</td><td>0.60</td><td>13.2</td><td>9.4</td><td>121.3</td><td>7.9</td><td>Spring</td></td<>	Drury_IN	19-7	3/25/2015	20:54	0.04	0.005	0.082	0.60	13.2	9.4	121.3	7.9	Spring
Drury_IN 19-10 3/25/2015 21:39 0.04 0.005 0.064 0.51 12.4 8.3 102.7 8.3 Spring	Drury_IN	19-8	3/25/2015	21:09	0.05	0.007	0.082	0.51	19.6	7.4	96.4	8.1	Spring
Drury_IN 19-11 3/25/2015 21:54 0.04 0.061 0.57 14.4 9.9 105.7 8.7 Spring Drury_IN Drury_IN 19-12 3/25/2015 22:09 0.06 0.011 0.077 0.44 48.4 5.6 68.0 8.7 Spring Drury_IN Drury_IN 19-13 3/25/2015 22:24 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN Drury_IN 19-14 3/25/2015 22:24 0.03 0.003 0.061 0.44 8 9.3 107.7 8.8 Spring Drury_IN Drury_IN 19-16 3/25/2015 22:54 0.03 0.003 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury_IN Drury_IN 20-1 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN Drury_IN 20-2 4/2/2015 23:22	Drury_IN	19-9	3/25/2015	21:24	0.04	0.004	0.07	0.47	12.8	6.9	95.1	8.2	Spring
Drury_IN 19-12 3/25/2015 22:09 0.06 0.011 0.077 0.44 48.4 5.6 68.0 8.7 Spring	Drury_IN	19-10	3/25/2015	21:39	0.04	0.005	0.064	0.51	12.4	8.3	102.7	8.3	Spring
Drury_IN 19-13 3/25/2015 22:24 0.06 0.011 0.069 0.42 16 5.8 73.4 8.7 Spring Drury_IN 19-14 3/25/2015 22:39 0.04 0.004 0.061 0.44 8 9.3 107.7 8.8 Spring Drury_IN 19-15 3/25/2015 22:54 0.03 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 19-16 3/25/2015 23:09 0.04 0.004 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury_IN 20-1 4/2/2015 23:57 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-2 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-3 4/3/2015 4:13 0.11 0.0	Drury_IN	19-11	3/25/2015	21:54	0.04	0.004	0.061	0.57	14.4	9.9	105.7	8.7	Spring
Drury_IN 19-14 3/25/2015 22:39 0.04 0.061 0.44 8 9.3 107.7 8.8 Spring Drury_IN 19-15 3/25/2015 22:54 0.03 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 19-16 3/25/2015 23:09 0.04 0.004 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury_IN 20-1 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-2 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 4:13 0.11 0.036 0.1	Drury_IN	19-12	3/25/2015	22:09	0.06	0.011	0.077	0.44	48.4	5.6	68.0	8.7	Spring
Drury_IN 19-15 3/25/2015 22:54 0.03 0.003 0.103 0.85 72.4 9.5 103.3 8.7 Spring Drury_IN 19-16 3/25/2015 23:09 0.04 0.004 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury_IN 20-1 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-2 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-5 4/3/2015 4:13 0.11 0.036<	Drury_IN	19-13	3/25/2015	22:24	0.06	0.011	0.069	0.42	16	5.8	73.4	8.7	Spring
Drury_IN 19-16 3/25/2015 23:09 0.04 0.004 0.063 0.47 7.2 9.2 107.0 9.0 Spring Drury_IN 20-1 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-2 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-5 4/3/2015 4:13 0.11 0.036 0.127 1.12 76.8 0.4 28.5 8.1 Spring Drury_IN 20-6 4/3/2015 4:28 0.06 0.011	Drury_IN	19-14	3/25/2015	22:39	0.04	0.004	0.061	0.44	8	9.3	107.7	8.8	Spring
Drury_IN 20-1 4/2/2015 22:52 0.26 0.183 0.196 1.87 238.7 0.4 31.5 8.1 Spring Drury_IN 20-2 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-5 4/3/2015 4:13 0.11 0.036 0.127 1.12 76.8 0.4 28.5 8.1 Spring Drury_IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 1:52 0.04 0.005	Drury_IN	19-15	3/25/2015	22:54	0.03	0.003	0.103	0.85	72.4	9.5	103.3	8.7	Spring
Drury_IN 20-2 4/2/2015 23:07 0.09 0.023 0.107 0.81 57.3 1.3 51.8 8.2 Spring Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-5 4/3/2015 4:13 0.11 0.036 0.127 1.12 76.8 0.4 28.5 8.1 Spring Drury_IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-2 4/22/2015 1:52 0.04 0.005	Drury_IN	19-16	3/25/2015	23:09	0.04	0.004	0.063	0.47	7.2	9.2	107.0	9.0	Spring
Drury_IN 20-3 4/2/2015 23:22 0.08 0.017 0.079 0.67 15.2 2.6 65.2 8.3 Spring Drury_IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-5 4/3/2015 4:13 0.11 0.036 0.127 1.12 76.8 0.4 28.5 8.1 Spring Drury_IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-2 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-3 4/22/2015 1:57 0.06 0.010	Drury_IN	20-1	4/2/2015	22:52	0.26	0.183	0.196	1.87	238.7	0.4	31.5	8.1	Spring
Drury_IN 20-4 4/3/2015 4:08 0.10 0.031 0.189 2.10 87 1.3 48.1 8.2 Spring Drury_IN 20-5 4/3/2015 4:13 0.11 0.036 0.127 1.12 76.8 0.4 28.5 8.1 Spring Drury_IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-2 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-3 4/22/2015 1:57 0.06 0.010 0.217 2.08 51.5 0.6 46.4 7.3 Spring Drury_IN 21-4 4/22/2015 2:12 0.10 0.028	Drury_IN	20-2	4/2/2015	23:07	0.09	0.023	0.107	0.81	57.3	1.3	51.8	8.2	Spring
Drury_IN 20-5 4/3/2015 4:13 0.11 0.036 0.127 1.12 76.8 0.4 28.5 8.1 Spring Drury_IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-2 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-3 4/22/2015 1:57 0.06 0.010 0.217 2.08 51.5 0.6 46.4 7.3 Spring Drury_IN 21-4 4/22/2015 2:12 0.10 0.028 0.076 1.21 29.5 0.5 38.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 <td>Drury_IN</td> <td>20-3</td> <td>4/2/2015</td> <td>23:22</td> <td>0.08</td> <td>0.017</td> <td>0.079</td> <td>0.67</td> <td>15.2</td> <td>2.6</td> <td>65.2</td> <td>8.3</td> <td>Spring</td>	Drury_IN	20-3	4/2/2015	23:22	0.08	0.017	0.079	0.67	15.2	2.6	65.2	8.3	Spring
Drury_IN 20-6 4/3/2015 4:28 0.06 0.011 0.092 0.61 29.6 2.3 74.7 8.1 Spring Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-2 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-3 4/22/2015 1:57 0.06 0.010 0.217 2.08 51.5 0.6 46.4 7.3 Spring Drury_IN 21-4 4/22/2015 2:12 0.10 0.028 0.076 1.21 29.5 0.5 38.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 <td>Drury_IN</td> <td>20-4</td> <td>4/3/2015</td> <td>4:08</td> <td>0.10</td> <td>0.031</td> <td>0.189</td> <td>2.10</td> <td>87</td> <td>1.3</td> <td>48.1</td> <td>8.2</td> <td>Spring</td>	Drury_IN	20-4	4/3/2015	4:08	0.10	0.031	0.189	2.10	87	1.3	48.1	8.2	Spring
Drury_IN 21-1 4/22/2015 19:02 0.22 0.139 0.438 3.02 252 0.8 51.0 7.2 Spring Drury_IN 21-2 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-3 4/22/2015 1:57 0.06 0.010 0.217 2.08 51.5 0.6 46.4 7.3 Spring Drury_IN 21-4 4/22/2015 2:12 0.10 0.028 0.076 1.21 29.5 0.5 38.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 </td <td>Drury_IN</td> <td>20-5</td> <td>4/3/2015</td> <td>4:13</td> <td>0.11</td> <td>0.036</td> <td>0.127</td> <td>1.12</td> <td>76.8</td> <td>0.4</td> <td>28.5</td> <td>8.1</td> <td>Spring</td>	Drury_IN	20-5	4/3/2015	4:13	0.11	0.036	0.127	1.12	76.8	0.4	28.5	8.1	Spring
Drury_IN 21-2 4/22/2015 1:52 0.04 0.005 0.330 2.53 125.5 0.8 47.0 7.2 Spring Drury_IN 21-3 4/22/2015 1:57 0.06 0.010 0.217 2.08 51.5 0.6 46.4 7.3 Spring Drury_IN 21-4 4/22/2015 2:12 0.10 0.028 0.076 1.21 29.5 0.5 38.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 <td>Drury_IN</td> <td>20-6</td> <td>4/3/2015</td> <td>4:28</td> <td>0.06</td> <td>0.011</td> <td>0.092</td> <td>0.61</td> <td>29.6</td> <td>2.3</td> <td>74.7</td> <td>8.1</td> <td>Spring</td>	Drury_IN	20-6	4/3/2015	4:28	0.06	0.011	0.092	0.61	29.6	2.3	74.7	8.1	Spring
Drury_IN 21-3 4/22/2015 1:57 0.06 0.010 0.217 2.08 51.5 0.6 46.4 7.3 Spring Drury_IN 21-4 4/22/2015 2:12 0.10 0.028 0.076 1.21 29.5 0.5 38.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 0.164 1.42 72.5 2.8 55.3 6.7 Summer Drury_IN 22-2 7/7/2015 4:17 0.05 0.007	Drury_IN	21-1	4/22/2015	19:02	0.22	0.139	0.438	3.02	252	0.8	51.0	7.2	Spring
Drury_IN 21-4 4/22/2015 2:12 0.10 0.028 0.076 1.21 29.5 0.5 38.4 7.3 Spring Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 0.164 1.42 72.5 2.8 55.3 6.7 Summer Drury_IN 22-2 7/7/2015 4:17 0.05 0.007 0.070 0.64 22.0 1.0 63.9 7.4 Summer Drury_IN 22-3 7/7/2015 4:32 0.17 0.076	Drury_IN	21-2	4/22/2015	1:52	0.04	0.005	0.330	2.53	125.5	0.8	47.0	7.2	Spring
Drury_IN 21-5 4/22/2015 2:27 0.06 0.013 0.066 1.03 13.3 1.1 64.2 7.2 Spring Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 0.164 1.42 72.5 2.8 55.3 6.7 Summer Drury_IN 22-2 7/7/2015 4:17 0.05 0.007 0.070 0.64 22.0 1.0 63.9 7.4 Summer Drury_IN 22-3 7/7/2015 4:32 0.17 0.076 0.041 0.34 10.0 0.7 27.7 7.0 Summer Drury_IN 22-4 7/7/2015 4:47 0.09 0.023	Drury_IN	21-3	4/22/2015	1:57	0.06	0.010	0.217	2.08	51.5	0.6	46.4	7.3	Spring
Drury_IN 21-6 4/22/2015 2:42 0.06 0.010 0.060 0.91 12.5 2.6 76.4 7.3 Spring Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 0.164 1.42 72.5 2.8 55.3 6.7 Summer Drury_IN 22-2 7/7/2015 4:17 0.05 0.007 0.070 0.64 22.0 1.0 63.9 7.4 Summer Drury_IN 22-3 7/7/2015 4:32 0.17 0.076 0.041 0.34 10.0 0.7 27.7 7.0 Summer Drury_IN 22-4 7/7/2015 4:47 0.09 0.023 0.051 0.57 17.5 1.4 49.5 6.7 Summer	Drury_IN	21-4	4/22/2015	2:12	0.10	0.028	0.076	1.21	29.5	0.5	38.4	7.3	Spring
Drury_IN 21-7 4/22/2015 2:57 0.06 0.012 0.055 0.81 11.5 2.9 81.4 7.4 Spring Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 0.164 1.42 72.5 2.8 55.3 6.7 Summer Drury_IN 22-2 7/7/2015 4:17 0.05 0.007 0.070 0.64 22.0 1.0 63.9 7.4 Summer Drury_IN 22-3 7/7/2015 4:32 0.17 0.076 0.041 0.34 10.0 0.7 27.7 7.0 Summer Drury_IN 22-4 7/7/2015 4:47 0.09 0.023 0.051 0.57 17.5 1.4 49.5 6.7 Summer	Drury_IN	21-5	4/22/2015	2:27	0.06	0.013	0.066	1.03	13.3	1.1	64.2	7.2	Spring
Drury_IN 22-1 7/7/2015 4:02 0.04 0.006 0.164 1.42 72.5 2.8 55.3 6.7 Summer Drury_IN 22-2 7/7/2015 4:17 0.05 0.007 0.070 0.64 22.0 1.0 63.9 7.4 Summer Drury_IN 22-3 7/7/2015 4:32 0.17 0.076 0.041 0.34 10.0 0.7 27.7 7.0 Summer Drury_IN 22-4 7/7/2015 4:47 0.09 0.023 0.051 0.57 17.5 1.4 49.5 6.7 Summer	Drury_IN	21-6	4/22/2015	2:42	0.06	0.010	0.060	0.91	12.5	2.6	76.4	7.3	Spring
Drury_IN 22-2 7/7/2015 4:17 0.05 0.007 0.070 0.64 22.0 1.0 63.9 7.4 Summer Drury_IN 22-3 7/7/2015 4:32 0.17 0.076 0.041 0.34 10.0 0.7 27.7 7.0 Summer Drury_IN 22-4 7/7/2015 4:47 0.09 0.023 0.051 0.57 17.5 1.4 49.5 6.7 Summer	Drury_IN	21-7	4/22/2015	2:57	0.06	0.012	0.055	0.81	11.5	2.9	81.4	7.4	Spring
Drury_IN 22-3 7/7/2015 4:32 0.17 0.076 0.041 0.34 10.0 0.7 27.7 7.0 Summer Drury_IN 22-4 7/7/2015 4:47 0.09 0.023 0.051 0.57 17.5 1.4 49.5 6.7 Summer	Drury_IN	22-1	7/7/2015	4:02	0.04	0.006	0.164	1.42	72.5	2.8	55.3	6.7	Summer
Drury_IN 22-4 7/7/2015 4:47 0.09 0.023 0.051 0.57 17.5 1.4 49.5 6.7 Summer	Drury_IN	22-2	7/7/2015	4:17	0.05	0.007	0.070	0.64	22.0	1.0	63.9	7.4	Summer
	Drury_IN	22-3	7/7/2015	4:32	0.17	0.076	0.041	0.34	10.0	0.7	27.7	7.0	Summer
Drury_IN 22-5 7/7/2015 5:02 0.04 0.004 0.056 0.69 9.0 2.2 114.6 7.1 Summer	Drury_IN	22-4	7/7/2015	4:47	0.09	0.023	0.051	0.57	17.5	1.4	49.5	6.7	Summer
	Drury_IN	22-5	7/7/2015	5:02	0.04	0.004	0.056	0.69	9.0	2.2	114.6	7.1	Summer

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Drury_IN	22-6	7/7/2015	5:06	0.04	0.004	0.056	0.71	10.0	2.5	114.8	7.1	Summer
Drury_IN	22-7	7/7/2015	5:19	0.04	0.005	0.060	0.75	78.0	2.8	110.1	7.2	Summer
Drury_IN	22-8	7/7/2015	6:32	0.09	0.022	0.045	0.59	17.0	1.4	39.7	7.0	Summer
Drury_IN	23-1	7/23/2015	6:28	0.11	0.037	0.067	0.74	33.0	1.0	25.7	6.8	Summer
Drury_IN	23-2	7/23/2015	6:43	0.27	0.198	0.036	0.54	6.0	0.1	25.7	7.5	Summer
Drury_IN	23-3	7/23/2015	6:58	0.28	0.220	0.071	1.13	15.0	1.3	33.5	7.4	Summer
Drury_IN	23-4	7/23/2015	7:13	0.06	0.010	0.086	0.83	18.0	3.0	116.7	7.4	Summer
Drury_IN	24-1	9/8/2015	12:22	0.11	0.036	0.159	0.91	60.5	1.1	32.2	6.4	Summer
Drury_IN	24-2	9/8/2015	12:37	0.11	0.035	0.062	0.44	15.0	0.8	34.8	6.6	Summer
Drury_IN	24-3	9/8/2015	12:52	0.11	0.037	0.040	0.57	8.7	0.8	27.4	6.6	Summer
Drury_IN	24-4	9/8/2015	13:07	0.17	0.077	0.035	0.30	9.6	0.8	28.7	6.6	Summer
Drury_IN	24-5	9/8/2015	13:22	0.08	0.019	0.043	0.39	6.4	1.2	54.1	6.6	Summer
Drury_IN	24-6	9/8/2015	13:37	0.05	0.007	0.054	0.55	4.8	1.7	88.7	6.7	Summer
Drury_IN	24-7	9/8/2015	15:06	0.04	0.005	0.050	0.82	17.2	1.8	35.6	6.8	Summer
Drury_IN	24-8	9/8/2015	15:16	0.04	0.006	0.076	0.84	11.3	2.0	79.4	6.9	Summer
Drury_IN	25-1	9/11/2015	1:28	0.08	0.020	0.128	1.25	64.0	2.1	29.7	5.4	Summer
Drury_IN	25-2	9/11/2015	1:43	0.08	0.018	0.073	0.62	12.8	2.0	52.4	6.1	Summer
Drury_IN	25-3	9/11/2015	1:58	0.04	0.006	0.065	0.7	4.3	2.2	62.9	6.5	Summer
Drury_IN	25-4	9/11/2015	2:13	0.06	0.010	0.055	0.58	5.6	2.1	46.3	6.4	Summer
Drury_IN	25-5	9/11/2015	2:28	0.06	0.010	0.057	0.46	5.0	2.4	68.3	6.9	Summer
Drury_IN	25-6	9/11/2015	2:43	0.06	0.011	0.056	0.52	4.0	3.1	90.6	7.0	Summer
Drury_IN	26-1	11/5/2015	19:08	0.08	0.018	0.455	1.37	228.0	1.5	36.4	6.7	Fall
Drury_IN	26-2	11/5/2015	19:23	0.04	0.005	0.173	0.52	31.0	1.2	59.4	7.2	Fall
Drury_IN	26-3	11/5/2015	20:02	0.03	0.004	0.258	0.46	13.0	1.4	39.0	6.9	Fall

Table 19. Drury-OUT Post-Implementation Water Quality Data

1 able 19. D		1 Ost-IIIIpi	CHICHE	ition watc	1 Quality					I		
Site	Sample ID	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC uS/cm)	рН	Season
Drury_OUT	16-2	10/9/2014	15:36	0.32	0.027	0.079	0.69	71.0	1.8	62.0	7.2	Fall
Drury_OUT	16-3	10/9/2014	16:06	0.33	0.029	0.061	0.57	18.0	1.7	85.1	7.4	Fall
Drury_OUT	16-4	10/9/2014	16:36	0.32	0.028	0.066	0.51	6.0	1.9	99.0	7.6	Fall
Drury_OUT	16-5	10/9/2014	17:06	0.30	0.025	0.058	0.43	17.0	2.0	97.6	7.6	Fall
Drury_OUT	16-6	10/9/2014	17:36	0.29	0.023	0.055	0.39	7.0	1.7	96.6	7.6	Fall
Drury_OUT	16-7	10/9/2014	18:06	0.22	0.014	0.050	0.27	8.0	2.0	107.3	7.7	Fall
Drury_OUT	17-1	11/4/2014	2:57	0.07	0.006	0.133	0.67	76.0	1.5	45.7	8.6	Fall
Drury_OUT	17-2	11/4/2014	3:27	0.08	0.006	0.102	0.52	4.7	1.2	51.7	8.5	Fall
Drury_OUT	17-3	11/4/2014	3:36	0.07	0.005	0.113	0.50	4.0	1.5	54.7	8.5	Fall
Drury_OUT	17-4	11/4/2014	4:02	0.07	0.005	0.087	0.45	4.7	1.2	58.4	8.2	Fall
Drury_OUT	18-1	3/13/2015	21:08	0.12	0.017	0.113	0.48	33.2	12.7	124.4	6.4	Winter
Drury_OUT	19-1	3/25/2015	22:14	0.09	0.010	0.065	0.57	11.7	9.0	80.7	6.8	Spring
Drury_OUT	19-2	3/25/2015	22:29	0.10	0.010	0.072	0.51	14.3	9.8	95.2	7.24	Spring
Drury_OUT	20-1	4/3/2015	22:54	0.22	0.048	0.262	1.98	413.0	0.6	44.3	8.7	Spring
Drury_OUT	20-2	4/3/2015	23:09	0.22	0.048	0.155	0.96	52.7	1.1	48.3	8.7	Spring
Drury_OUT	20-3	4/3/2015	23:24	0.12	0.015	0.159	0.83	41.3	15.0	67.2	8.5	Spring
Drury_OUT	20-4	4/3/2015	4:14	0.13	0.018	0.159	1.26	152	17.1	88.7	8.2	Spring
Drury_OUT	20-5	4/3/2015	4:22	0.27	0.069	0.086	0.71	30.5	7.3	45.3	8.3	Spring
Drury_OUT	20-6	4/3/2015	4:37	0.11	0.013	0.187	0.81	44.7	11.6	74.8	8.1	Spring
Drury_OUT	21-1	4/22/2015	19:06	0.20	0.042	0.265	1.82	167.3	1.0	50.3	7.4	Spring
Drury_OUT	21-2	4/22/2015	2:12	0.11	0.012	0.186	1.69	32	1.4	67.2	7.4	Spring
Drury_OUT	21-3	4/22/2015	2:15	0.13	0.017	0.164	1.53	19.3	1.1	57.3	7.4	Spring
Drury_OUT	21-4	4/22/2015	2:30	0.10	0.010	0.107	1.28	8.5	1.4	64.1	7.4	Spring
Drury_OUT	22-1	7/7/2015	4:11	0.16	0.029	0.097	0.69	45.0	1.4	36.9	7.1	Summer
Drury_OUT	22-2	7/7/2015	4:26	0.11	0.013	0.070	0.59	15.5	1.5	47.0	7.5	Summer
Drury_OUT	22-3	7/7/2015	4:29	0.19	0.039	0.064	0.51	10.0	1.3	43.4	6.8	Summer
Drury_OUT	22-4	7/7/2015	4:44	0.20	0.040	0.067	0.41	13.0	1.0	41.5	6.6	Summer
Drury_OUT	22-5	7/7/2015	4:59	0.14	0.020	0.107	0.59	10.0	1.6	58.4	6.2	Summer

Drury_OUT	22-6	7/7/2015	5:12	0.10	0.012	0.111	0.68	10.0	1.9	83.3	6.3	Summer
Drury_OUT	23-1	7/23/2015	6:37	0.13	0.019	0.075	0.80	20.0	1.7	38.9	8.6	Summer
Drury_OUT	23-2	7/23/2015	6:52	0.53	0.184	0.051	1.47	8.0	1.0	29.5	7.1	Summer
Drury_OUT	23-3	7/23/2015	7:07	0.65	0.220	0.071	0.66	7.0	1.0	41.7	7.3	Summer
Drury_OUT	23-4	7/23/2015	7:22	0.36	0.110	0.101	0.66	9.0	1.4	40.8	7.3	Summer
Drury_OUT	23-5	7/23/2015	7:37	0.12	0.015	0.214	0.85	0.01	1.0	60.8	7.2	Summer
Drury_OUT	24-1	9/8/2015	12:32	0.14	0.020	0.191	0.95	50.0	2.2	46.9	6.9	Summer
Drury_OUT	24-2	9/8/2015	12:47	0.24	0.055	0.080	0.48	12.0	1.0	31.4	6.9	Summer
Drury_OUT	24-3	9/8/2015	13:02	0.25	0.061	0.059	0.34	7.0	1.0	28.3	6.8	Summer
Drury_OUT	24-4	9/8/2015	13:17	0.23	0.053	0.065	0.35	4.5	1.0	31.3	6.7	Summer
Drury_OUT	24-5	9/8/2015	13:32	0.12	0.016	0.085	0.43	6.5	1.3	52.7	6.7	Summer
Drury_OUT	25-1	9/11/2015	1:38	0.13	0.017	0.121	0.91	27.5	3.4	35.6	8.0	Summer
Drury_OUT	26-1	11/5/2015	19:21	0.09	0.010	0.226	0.66	40.7	1.1	33.4	7.0	Fall

Table 20. Greenwood-IN Pre-Implementation Water Quality Data

1 abic 20.	Greenwo	0u-111 F16-1	inpicin	Ciitation	water Q	uanty Dat	u	ľ	1			
Sample	Sample ID	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC (uS/cm)	рН	Season
Green_IN	1-1	5/31/2012	1:06	0.03	0.009	0.498	3.29	494.0	8.2	265.0	7.7	Spring
Green_IN	1-2	5/31/2012	1:21	0.03	0.010	0.293	3.89	120.0	5.9	196.0	7.5	Spring
Green_IN	1-3	5/31/2012	1:42	0.03	0.008	0.379	2.58	556.0	4.3	172.0	7.5	Spring
Green_IN	1-4	5/31/2012	1:57	0.05	0.016	0.209	1.18	182.5	1.7	63.0	7.6	Spring
Green_IN	1-5	5/31/2012	2:07	0.03	0.007	0.122	1.58	31.5	1.8	80.0	7.3	Spring
Green_IN	1-6	5/31/2012	2:21	0.03	0.009	0.185	1.20	237.0	1.3	80.0	7.3	Spring
Green_IN	1-7	5/31/2012	2:36	0.05	0.017	0.253	1.08	NS	1.3	6.0	7.2	Spring
Green_IN	1-8	5/31/2012	2:51	0.05	0.015	0.249	0.54	214.5	1.4	58.0	7.3	Spring
Green_IN	1-9	5/31/2012	3:06	0.06	0.021	0.248	0.56	76.5	1.3	48.0	7.3	Spring
Green_IN	1-10	5/31/2012	3:21	0.05	0.016	0.163	0.77	14.3	1.2	55.0	7.2	Spring
Green_IN	1-11	5/31/2012	3:31	0.03	0.010	0.147	0.81	37.0	1.3	62.0	7.1	Spring
Green_IN	1-12	5/31/2012	3:46	0.05	0.017	0.135	0.52	10.7	1.4	56.0	7.1	Spring
Green_IN	1-13	5/31/2012	3:57	0.03	0.009	0.141	0.48	33.3	1.6	60.0	7.2	Spring
Green_IN	1-14	5/31/2012	4:09	0.04	0.013	0.128	0.46	9.3	1.6	54.0	7.1	Spring
Green_IN	1-15	5/31/2012	4:22	0.03	0.008	0.118	0.60	5.7	1.9	64.0	7.1	Spring
Green_IN	2-1	6/11/2012	8:47	0.03	0.009	0.258	1.26	244.0	1.3	65.0	7.1	Spring
Green_IN	2-2	6/11/2012	9:02	0.04	0.013	0.145	1.13	55.0	1.2	58.0	7.4	Spring
Green_IN	2-3	6/11/2012	9:08	0.03	0.009	0.126	1.36	26.0	1.2	65.0	7.4	Spring
Green_IN	2-4	6/11/2012	9:29	0.03	0.008	0.120	0.99	31.0	1.2	66.0	7.4	Spring
Green_IN	2-5	6/11/2012	9:34	0.03	0.008	0.092	1.15	10.3	1.3	68.0	7.4	Spring
Green_IN	2-6	6/11/2012	10:01	0.03	0.007	0.189	1.11	168.0	1.2	87.0	7.3	Spring
Green_IN	2-7	6/11/2012	10:11	0.03	0.008	0.080	0.84	32.7	1.5	70.0	7.3	Spring
Green_IN	2-8	6/11/2012	10:16	0.03	0.009	0.102	1.22	24.0	1.8	77.0	7.3	Spring
Green_IN	3-1	9/7/2012	15:56	0.03	0.009	1.344	2.72	2,844.5	5.8	85.0	6.4	Summer
Green_IN	3-2	9/7/2012	15:59	0.03	0.009	0.467	2.23	1,133.5	1.1	64.0	6.5	Summer
Green_IN	3-3	9/7/2012	16:08	0.03	0.009	0.463	1.72	386.5	1.8	52.0	6.7	Summer
Green_IN	3-4	9/7/2012	17:54	0.03	0.009	0.329	0.95	818.0	0.9	56.0	6.7	Summer
Green_IN	4-1	4/18/2013	3:34	0.03	0.009	0.855	5.65	776.5	9.2	170.9	7.2	Spring
Green_IN	4-2	4/18/2013	3:49	0.05	0.017	0.329	1.84	313.0	4.2	82.3	7.1	Spring
Green_IN	4-3	4/18/2013	4:04	0.05	0.016	0.240	1.27	72.0	4.7	62.7	6.9	Spring
Green_IN	4-4	4/18/2013	4:19	0.03	0.010	0.163	1.03	21.7	4.5	52.4	6.7	Spring
Green_IN	4-5	4/18/2013	6:08	0.03	0.009	0.096	1.99	24.0	4.2	58.3	7.1	Spring
Green_IN	4-6	4/18/2013	7:58	0.03	0.009	0.275	2.35	74.3	3.9	81.2	6.9	Spring

Green, IN 4-7 4/18/2013 8.96 0.03 0.009 0.113 1.93 1.73 3.3 6.17 7.22 Spring Green, IN 4-8 4/18/2013 8.22 0.03 0.009 0.0092 1.54 6.7 4.3 6.30 7.1 Spring Green, IN 5-1 7/26/2013 9.37 0.04 0.011 0.073 0.35 52.0 1.8 43.8 7.1 Summer Green, IN 5-3 7/26/2013 10.28 0.03 0.009 0.034 0.33 30.5 1.6 4.99 7.0 Summer Green, IN 5-5 7/26/2013 13.52 0.02 0.006 0.052 0.04 16.7 1.4 4.9 7.2 7.2 3.0 3.0 0.009 0.034 1.6 4.9 4.0 7.2 3.0 0.0 0.0 0.0 1.5 1.5 4.2 7.2 3.0 0.0 0.0 0.0 0.0 1.5													
Green_IN S-1	Green_IN	4-7	4/18/2013	8:06	0.03	0.009	0.113	1.93	17.3	3.3	61.7	7.2	Spring
Green_IN 5-2 7/26/2013 9:57 0.04 0.011 0.073 0.35 52.0 1.8 43.8 7.1 Summer Green_IN Green_IN 5-3 7/26/2013 10:28 0.03 0.009 0.034 0.45 10.0 1.5 41.7 6.9 Summer Green_IN Green_IN 5-5 7/26/2013 13:52 0.02 0.006 0.052 0.04 55.7 1.5 52.2 7.4 Summer Green_IN Green_IN 5-6 7/26/2013 14:26 0.02 0.004 0.073 0.04 16.7 1.4 440 7.2 Summer Green_IN Green_IN 5-7 7/26/2013 14:39 0.03 0.010 0.089 0.04 13.0 1.4 40.5 7.4 Summer Green_IN Green_IN 5-9 7/26/2013 14:54 0.03 0.008 0.081 0.13 7.7 1.3 40.1 7.3 Summer Green_IN Green_IN 5-10 7/26/2013 1	Green_IN	4-8	4/18/2013	8:22	0.03	0.009	0.092	1.54	6.7	4.3	63.0	7.1	Spring
Green IN 5-3 7/26/2013 10:28 0.03 0.009 0.030 0.33 30.5 1.6 49.9 7.0 Summer Green IN Green IN 5-4 7/26/2013 13:32 0.03 0.009 0.034 0.45 10.0 1.5 41.7 6.9 Summer Green IN Green IN 5-6 7/26/2013 14:26 0.02 0.004 0.073 0.04 16.7 1.4 44.0 7.2 Summer Green IN Green IN 5-7 7/26/2013 14:36 0.02 0.007 0.071 0.19 10.7 1.4 44.0 7.0 Summer Green IN Green IN 5-8 7/26/2013 14:36 0.02 0.007 0.071 0.19 10.7 1.4 49.0 7.0 Summer Green IN Green IN 5-9 7/26/2013 15:12 0.03 0.007 0.076 0.04 18.7 1.5 34.3 7.3 Summer Green IN Green IN 5-12 7/26/2013 <t< td=""><td>Green_IN</td><td>5-1</td><td>7/26/2013</td><td>9:43</td><td>0.03</td><td>0.010</td><td>0.161</td><td>0.60</td><td>321.3</td><td>5.8</td><td>100.5</td><td>7.6</td><td>Summer</td></t<>	Green_IN	5-1	7/26/2013	9:43	0.03	0.010	0.161	0.60	321.3	5.8	100.5	7.6	Summer
Green, IN 5-4 7/26/2013 10:32 0.03 0.009 0.034 0.45 10:0 1.5 41.7 6.9 Summer Green, IN 5-5 7/26/2013 13:52 0.02 0.006 0.052 0.04 55.7 1.5 52.2 7.4 Summer Green, IN 5-6 7/26/2013 14:26 0.02 0.007 0.073 0.04 16:7 1.4 44.0 7.2 Summer Green, IN 5-7 7/26/2013 14:36 0.02 0.007 0.071 0.19 10:7 1.4 44.0 7.2 Summer Green, IN 5-9 7/26/2013 14:34 0.03 0.008 0.081 0.13 7.7 1.3 40:1 7.3 Summer Green, IN 5-10 7/26/2013 15:12 0.03 0.009 0.091 0.09 32:0 1.4 38.5 7.4 Summer Green, IN 5-11 7/26/2013 15:38 0.02	Green_IN	5-2	7/26/2013	9:57	0.04	0.011	0.073	0.35	52.0	1.8	43.8	7.1	Summer
Green IN 5-5 7/26/2013 13-52 0.02 0.006 0.052 0.04 55.7 1.5 52.2 7.4 Summer Green IN 5-6 7/26/2013 14:26 0.02 0.004 0.073 0.04 16.7 1.4 44.0 7.2 Summer Green IN Green IN 5-7 7/26/2013 14:36 0.02 0.007 0.071 0.19 10.7 1.4 49.0 7.0 Summer Green IN Green IN 5-8 7/26/2013 14:54 0.03 0.008 0.081 0.13 7.7 1.3 40.1 7.3 Summer Green IN Green IN 5-10 7/26/2013 15:12 0.03 0.007 0.076 0.04 18.7 1.5 34.3 7.3 Summer Green IN Green IN 5-11 7/26/2013 15:12 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green IN Green IN 6-1 8/3/2013 4:26 0.03	Green_IN	5-3	7/26/2013	10:28	0.03	0.009	0.030	0.33	30.5	1.6	49.9	7.0	Summer
Green_IN 5-6 7/26/2013 14:26 0.02 0.004 0.073 0.04 16.7 1.4 44.0 7.2 Summer Green_IN Green_IN 5-7 7/26/2013 14:36 0.02 0.007 0.071 0.19 10.7 1.4 49.0 7.0 Summer Green_IN Green_IN 5-8 7/26/2013 14:39 0.03 0.008 0.081 0.13 7.7 1.3 40.1 7.3 Summer Green_IN Green_IN 5-9 7/26/2013 15:12 0.03 0.007 0.076 0.04 18.7 1.5 34.3 7.3 Summer Green_IN Green_IN 5-11 7/26/2013 15:27 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green_IN Green_IN 6-11 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN Green_IN 6-2 8/3/2013	Green_IN	5-4	7/26/2013	10:32	0.03	0.009	0.034	0.45	10.0	1.5	41.7	6.9	Summer
Green_IN 5-7 7/26/2013 14:36 0.02 0.007 0.071 0.19 10.7 1.4 49.0 7.0 Summer Green_IN 5-8 7/26/2013 14:39 0.03 0.010 0.089 0.04 13.0 1.4 40.5 7.4 Summer Green_IN 5-9 7/26/2013 14:34 0.03 0.008 0.081 0.13 7.7 1.3 40.1 7.3 Summer Green_IN Green_IN 5-10 7/26/2013 15:12 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green_IN Green_IN 5-12 7/26/2013 15:38 0.02 0.006 0.107 0.38 9.0 1.5 34.6 7.1 Summer Green_IN Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN Green_IN 6-2 8/3/2013 4:58 0.03 0.008 0.215 0	Green_IN	5-5	7/26/2013	13:52	0.02	0.006	0.052	0.04	55.7	1.5	52.2	7.4	Summer
Green_IN 5-8 7/26/2013 14:39 0.03 0.010 0.089 0.04 13.0 1.4 40.5 7.4 Summer Green_IN 5-9 7/26/2013 14:54 0.03 0.008 0.081 0.13 7.7 1.3 40.1 7.3 Summer Green_IN Green_IN 5-10 7/26/2013 15:12 0.03 0.007 0.076 0.04 18.7 1.5 34.3 7.3 Summer Green_IN Green_IN 5-11 7/26/2013 15:22 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green_IN 6-1 8/3/2013 15:38 0.02 0.006 0.107 0.38 9.0 1.5 34.6 7.1 Summer Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8<	Green_IN	5-6	7/26/2013	14:26	0.02	0.004	0.073	0.04	16.7	1.4	44.0	7.2	Summer
Green_IN 5-9 7/26/2013 14:54 0.03 0.008 0.081 0.13 7.7 1.3 40.1 7.3 Summer Green_IN 5-10 7/26/2013 15:12 0.03 0.007 0.076 0.04 18.7 1.5 34.3 7.3 Summer Green_IN Green_IN 5-11 7/26/2013 15:27 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green_IN 5-12 7/26/2013 15:38 0.02 0.006 0.107 0.38 9.0 1.5 34.6 7.1 Summer Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN 6-2 8/3/2013 4:42 0.04 0.010 0.175 0.96 121.7 1.4 35.9 7.1 Summer Green_IN 6-6 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8 Summer Green_IN	Green_IN	5-7	7/26/2013	14:36	0.02	0.007	0.071	0.19	10.7	1.4	49.0	7.0	Summer
Green_IN 5-10 7/26/2013 15:12 0.03 0.007 0.076 0.04 18.7 1.5 34.3 7.3 Summer Green_IN 5-11 7/26/2013 15:27 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green_IN 5-12 7/26/2013 15:28 0.02 0.006 0.107 0.38 9.0 1.5 34.6 7.1 Summer Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN 6-6 8/3/2013 4:26 0.03 0.009 0.215 0.88 21.0 1.4 35.9 7.1 Summer Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8 Summer Green_IN 6-6 8/3/2013 4:58 0.03 0.008 0.252 0.60 21.7 1.5 33.2 6.8 Summer Green_IN 6-6 8/3/2013	Green_IN	5-8	7/26/2013	14:39	0.03	0.010	0.089	0.04	13.0	1.4	40.5	7.4	Summer
Green_IN 5-11 7/26/2013 15:27 0.03 0.009 0.091 0.09 32.0 1.4 38.5 7.4 Summer Green_IN 5-12 7/26/2013 15:38 0.02 0.006 0.107 0.38 9.0 1.5 34.6 7.1 Summer Green_IN Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN Green_IN 6-2 8/3/2013 4:42 0.04 0.010 0.175 0.96 121.7 1.4 35.9 7.1 Summer Green_IN Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.252 0.60 21.7 1.5 33.2 6.8 Summer Green_IN Green_IN 6-5 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN Green_IN 6-7 8/3/2013 5:30 0.03 0.008	Green_IN	5-9	7/26/2013	14:54	0.03	0.008	0.081	0.13	7.7	1.3	40.1	7.3	Summer
Green IN 5-12 7/26/2013 15:38 0.02 0.006 0.107 0.38 9.0 1.5 34.6 7.1 Summer Green_IN Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2:29 194.3 2:9 83.3 7.5 Summer Green_IN Green_IN 6-2 8/3/2013 4:42 0.04 0.010 0.175 0.96 121.7 1.4 35.9 7.1 Summer Green_IN Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8 Summer Green_IN Green_IN 6-4 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.126 0.32 8.0 1.0 28.2 6.9 Summer Green_IN Green_IN 7-1 10/5/2013 11:01 </td <td>Green_IN</td> <td>5-10</td> <td>7/26/2013</td> <td>15:12</td> <td>0.03</td> <td>0.007</td> <td>0.076</td> <td>0.04</td> <td>18.7</td> <td>1.5</td> <td>34.3</td> <td>7.3</td> <td>Summer</td>	Green_IN	5-10	7/26/2013	15:12	0.03	0.007	0.076	0.04	18.7	1.5	34.3	7.3	Summer
Green_IN 6-1 8/3/2013 4:26 0.03 0.009 0.225 2.29 194.3 2.9 83.3 7.5 Summer Green_IN 6-2 8/3/2013 4:42 0.04 0.010 0.175 0.96 121.7 1.4 35.9 7.1 Summer Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8 Summer Green_IN 6-4 8/3/2013 4:59 0.03 0.008 0.252 0.60 21.7 1.5 33.2 6.8 Summer Green_IN 6-5 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.110 0.33 8.7 1.3 33.9 7.0 Summer Green_IN 7-1 10/5/2013 8:48 0.03 0.009	Green_IN	5-11	7/26/2013	15:27	0.03	0.009	0.091	0.09	32.0	1.4	38.5	7.4	Summer
Green_IN 6-2 8/3/2013 4:42 0.04 0.010 0.175 0.96 121.7 1.4 35.9 7.1 Summer Green_IN Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8 Summer Green_IN Green_IN 6-4 8/3/2013 4:59 0.03 0.008 0.252 0.60 21.7 1.5 33.2 6.8 Summer Green_IN Green_IN 6-6 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.110 0.33 8.0 1.0 28.2 6.9 Summer Green_IN Green_IN 7-1 10/5/2013 8:48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 <	Green_IN	5-12	7/26/2013	15:38	0.02	0.006	0.107	0.38	9.0	1.5	34.6	7.1	Summer
Green_IN 6-3 8/3/2013 4:58 0.03 0.008 0.215 0.88 21.0 1.4 32.8 6.8 Summer Green_IN 6-4 8/3/2013 4:59 0.03 0.008 0.252 0.60 21.7 1.5 33.2 6.8 Summer Green_IN 6-5 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.126 0.32 8.0 1.0 28.2 6.9 Summer Green_IN 6-7 8/3/2013 5:30 0.03 0.008 0.110 0.33 8.7 1.3 33.9 7.0 Summer Green_IN 7-1 10/5/2013 8.48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 0.03 0.009 <th< td=""><td>Green_IN</td><td>6-1</td><td>8/3/2013</td><td>4:26</td><td>0.03</td><td>0.009</td><td>0.225</td><td>2.29</td><td>194.3</td><td>2.9</td><td>83.3</td><td>7.5</td><td>Summer</td></th<>	Green_IN	6-1	8/3/2013	4:26	0.03	0.009	0.225	2.29	194.3	2.9	83.3	7.5	Summer
Green_IN 6-4 8/3/2013 4:59 0.03 0.008 0.252 0.60 21.7 1.5 33.2 6.8 Summer Green_IN 6-5 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.110 0.32 8.0 1.0 28.2 6.9 Summer Green_IN 6-7 8/3/2013 5:30 0.03 0.008 0.110 0.33 8.7 1.3 33.9 7.0 Summer Green_IN 7-1 10/5/2013 8:48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 0.03 0.009 0.117 0.91 199.7 0.4 41.4 7.4 Fall Green_IN 7-3 10/5/2013 11:10 0.03 0.009 <t< td=""><td>Green_IN</td><td>6-2</td><td>8/3/2013</td><td>4:42</td><td>0.04</td><td>0.010</td><td>0.175</td><td>0.96</td><td>121.7</td><td>1.4</td><td>35.9</td><td>7.1</td><td>Summer</td></t<>	Green_IN	6-2	8/3/2013	4:42	0.04	0.010	0.175	0.96	121.7	1.4	35.9	7.1	Summer
Green_IN 6-5 8/3/2013 5:12 0.03 0.009 0.161 0.43 11.7 1.2 30.6 10.0 Summer Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.126 0.32 8.0 1.0 28.2 6.9 Summer Green_IN 6-7 8/3/2013 5:30 0.03 0.008 0.110 0.33 8.7 1.3 33.9 7.0 Summer Green_IN 7-1 10/5/2013 8:48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 0.03 0.009 0.117 0.91 199.7 0.4 41.4 7.4 Fall Green_IN 7-3 10/5/2013 11:01 0.03 0.009 0.139 0.75 355.7 0.2 31.4 7.3 Fall Green_IN 7-4 10/5/2013 11:11 0.03 0.009 <	Green_IN	6-3	8/3/2013	4:58	0.03	0.008	0.215	0.88	21.0	1.4	32.8	6.8	Summer
Green_IN 6-6 8/3/2013 5:28 0.03 0.008 0.126 0.32 8.0 1.0 28.2 6.9 Summer Green_IN 6-7 8/3/2013 5:30 0.03 0.008 0.110 0.33 8.7 1.3 33.9 7.0 Summer Green_IN 7-1 10/5/2013 8:48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 0.03 0.009 0.117 0.91 199.7 0.4 41.4 7.4 Fall Green_IN 7-3 10/5/2013 11:03 0.03 0.009 0.139 0.75 355.7 0.2 31.4 7.3 Fall Green_IN 7-4 10/5/2013 11:11 0.03 0.009 0.148 0.46 56.7 0.2 27.1 7.2 Fall Green_IN 8-1 10/29/2013 5:36 0.03 0.009 <t< td=""><td>Green_IN</td><td>6-4</td><td>8/3/2013</td><td>4:59</td><td>0.03</td><td>0.008</td><td>0.252</td><td>0.60</td><td>21.7</td><td>1.5</td><td>33.2</td><td>6.8</td><td>Summer</td></t<>	Green_IN	6-4	8/3/2013	4:59	0.03	0.008	0.252	0.60	21.7	1.5	33.2	6.8	Summer
Green_IN 6-7 8/3/2013 5:30 0.03 0.008 0.110 0.33 8.7 1.3 33.9 7.0 Summer Green_IN 7-1 10/5/2013 8:48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 0.03 0.009 0.117 0.91 199.7 0.4 41.4 7.4 Fall Green_IN 7-3 10/5/2013 11:01 0.03 0.009 0.139 0.75 355.7 0.2 31.4 7.3 Fall Green_IN 7-4 10/5/2013 11:11 0.03 0.009 0.148 0.46 56.7 0.2 27.1 7.2 Fall Green_IN 8-1 10/29/2013 5:32 0.03 0.010 0.106 0.34 97.0 1.8 28.5 7.6 Fall Green_IN 8-2 10/29/2013 5:36 0.03 0.009 <	Green_IN	6-5	8/3/2013	5:12	0.03	0.009	0.161	0.43	11.7	1.2	30.6	10.0	Summer
Green_IN 7-1 10/5/2013 8:48 0.03 0.009 0.115 3.49 95.0 0.5 33.2 7.3 Fall Green_IN 7-2 10/5/2013 11:01 0.03 0.009 0.117 0.91 199.7 0.4 41.4 7.4 Fall Green_IN 7-3 10/5/2013 11:03 0.03 0.009 0.139 0.75 355.7 0.2 31.4 7.3 Fall Green_IN 7-4 10/5/2013 11:11 0.03 0.009 0.148 0.46 56.7 0.2 27.1 7.2 Fall Green_IN 8-1 10/29/2013 5:32 0.03 0.010 0.106 0.34 97.0 1.8 28.5 7.6 Fall Green_IN 8-2 10/29/2013 5:36 0.03 0.009 0.119 0.41 55.0 1.2 29.0 7.5 Fall Green_IN 8-3 10/29/2013 5:51 0.04 0.010	Green_IN	6-6	8/3/2013	5:28	0.03	0.008	0.126	0.32	8.0	1.0	28.2	6.9	Summer
Green_IN 7-2 10/5/2013 11:01 0.03 0.009 0.117 0.91 199.7 0.4 41.4 7.4 Fall Green_IN 7-3 10/5/2013 11:03 0.03 0.009 0.139 0.75 355.7 0.2 31.4 7.3 Fall Green_IN 7-4 10/5/2013 11:11 0.03 0.009 0.148 0.46 56.7 0.2 27.1 7.2 Fall Green_IN 8-1 10/29/2013 5:32 0.03 0.010 0.106 0.34 97.0 1.8 28.5 7.6 Fall Green_IN 8-2 10/29/2013 5:36 0.03 0.009 0.119 0.41 55.0 1.2 29.0 7.5 Fall Green_IN 8-3 10/29/2013 5:47 0.03 0.009 0.115 0.43 43.7 0.7 25.8 7.5 Fall Green_IN 8-4 10/29/2013 6:01 0.03 0.009	Green_IN	6-7	8/3/2013	5:30	0.03	0.008	0.110	0.33	8.7	1.3	33.9	7.0	Summer
Green_IN 7-3 10/5/2013 11:03 0.03 0.009 0.139 0.75 355.7 0.2 31.4 7.3 Fall Green_IN 7-4 10/5/2013 11:11 0.03 0.009 0.148 0.46 56.7 0.2 27.1 7.2 Fall Green_IN 8-1 10/29/2013 5:32 0.03 0.010 0.106 0.34 97.0 1.8 28.5 7.6 Fall Green_IN 8-2 10/29/2013 5:36 0.03 0.009 0.119 0.41 55.0 1.2 29.0 7.5 Fall Green_IN 8-3 10/29/2013 5:47 0.03 0.009 0.115 0.43 43.7 0.7 25.8 7.5 Fall Green_IN 8-4 10/29/2013 5:51 0.04 0.010 0.133 0.32 22.0 1.0 28.0 7.4 Fall Green_IN 8-5 10/29/2013 6:01 0.03 0.09 <	Green_IN	7-1	10/5/2013	8:48	0.03	0.009	0.115	3.49	95.0	0.5	33.2	7.3	Fall
Green_IN 7-4 10/5/2013 11:11 0.03 0.009 0.148 0.46 56.7 0.2 27.1 7.2 Fall Green_IN 8-1 10/29/2013 5:32 0.03 0.010 0.106 0.34 97.0 1.8 28.5 7.6 Fall Green_IN 8-2 10/29/2013 5:36 0.03 0.009 0.119 0.41 55.0 1.2 29.0 7.5 Fall Green_IN 8-3 10/29/2013 5:47 0.03 0.009 0.115 0.43 43.7 0.7 25.8 7.5 Fall Green_IN 8-4 10/29/2013 5:51 0.04 0.010 0.133 0.32 22.0 1.0 28.0 7.4 Fall Green_IN 8-5 10/29/2013 6:01 0.03 0.009 0.154 0.34 109.7 1.1 31.9 7.4 Fall Green_IN 8-6 10/29/2013 6:03 0.04 0.013	Green_IN	7-2	10/5/2013	11:01	0.03	0.009	0.117	0.91	199.7	0.4	41.4	7.4	Fall
Green_IN 8-1 10/29/2013 5:32 0.03 0.010 0.106 0.34 97.0 1.8 28.5 7.6 Fall Green_IN 8-2 10/29/2013 5:36 0.03 0.009 0.119 0.41 55.0 1.2 29.0 7.5 Fall Green_IN 8-3 10/29/2013 5:47 0.03 0.009 0.115 0.43 43.7 0.7 25.8 7.5 Fall Green_IN 8-4 10/29/2013 5:51 0.04 0.010 0.133 0.32 22.0 1.0 28.0 7.4 Fall Green_IN 8-5 10/29/2013 6:01 0.03 0.009 0.154 0.34 109.7 1.1 31.9 7.4 Fall Green_IN 8-6 10/29/2013 6:03 0.04 0.013 0.114 0.34 189.7 1.0 25.1 7.5 Fall Green_IN 8-7 10/29/2013 6:11 0.03 0.009	Green_IN	7-3	10/5/2013	11:03	0.03	0.009	0.139	0.75	355.7	0.2	31.4	7.3	Fall
Green_IN 8-2 10/29/2013 5:36 0.03 0.009 0.119 0.41 55.0 1.2 29.0 7.5 Fall Green_IN 8-3 10/29/2013 5:47 0.03 0.009 0.115 0.43 43.7 0.7 25.8 7.5 Fall Green_IN 8-4 10/29/2013 5:51 0.04 0.010 0.133 0.32 22.0 1.0 28.0 7.4 Fall Green_IN 8-5 10/29/2013 6:01 0.03 0.009 0.154 0.34 109.7 1.1 31.9 7.4 Fall Green_IN 8-6 10/29/2013 6:03 0.04 0.013 0.114 0.34 189.7 1.0 25.1 7.5 Fall Green_IN 8-7 10/29/2013 6:11 0.03 0.009 0.121 0.32 77.3 1.0 27.0 7.4 Fall Green_IN 8-8 10/29/2013 6:13 0.03 0.009	Green_IN	7-4	10/5/2013	11:11	0.03	0.009	0.148	0.46	56.7	0.2	27.1	7.2	Fall
Green_IN 8-3 10/29/2013 5:47 0.03 0.009 0.115 0.43 43.7 0.7 25.8 7.5 Fall Green_IN 8-4 10/29/2013 5:51 0.04 0.010 0.133 0.32 22.0 1.0 28.0 7.4 Fall Green_IN 8-5 10/29/2013 6:01 0.03 0.009 0.154 0.34 109.7 1.1 31.9 7.4 Fall Green_IN 8-6 10/29/2013 6:03 0.04 0.013 0.114 0.34 189.7 1.0 25.1 7.5 Fall Green_IN 8-7 10/29/2013 6:11 0.03 0.009 0.121 0.32 77.3 1.0 27.0 7.4 Fall Green_IN 8-8 10/29/2013 6:13 0.03 0.009 0.146 0.19 39.7 1.0 29.3 7.4 Fall Green_IN 8-9 10/29/2013 6:15 0.03 0.009	Green_IN	8-1	10/29/2013	5:32	0.03	0.010	0.106	0.34	97.0	1.8	28.5	7.6	Fall
Green_IN 8-4 10/29/2013 5:51 0.04 0.010 0.133 0.32 22.0 1.0 28.0 7.4 Fall Green_IN 8-5 10/29/2013 6:01 0.03 0.009 0.154 0.34 109.7 1.1 31.9 7.4 Fall Green_IN 8-6 10/29/2013 6:03 0.04 0.013 0.114 0.34 189.7 1.0 25.1 7.5 Fall Green_IN 8-7 10/29/2013 6:11 0.03 0.009 0.121 0.32 77.3 1.0 27.0 7.4 Fall Green_IN 8-8 10/29/2013 6:13 0.03 0.009 0.146 0.19 39.7 1.0 29.3 7.4 Fall Green_IN 8-9 10/29/2013 6:15 0.03 0.009 0.135 0.39 26.7 0.9 30.4 7.4 Fall	Green_IN	8-2	10/29/2013	5:36	0.03	0.009	0.119	0.41	55.0	1.2	29.0	7.5	Fall
Green_IN 8-5 10/29/2013 6:01 0.03 0.009 0.154 0.34 109.7 1.1 31.9 7.4 Fall Green_IN 8-6 10/29/2013 6:03 0.04 0.013 0.114 0.34 189.7 1.0 25.1 7.5 Fall Green_IN 8-7 10/29/2013 6:11 0.03 0.009 0.121 0.32 77.3 1.0 27.0 7.4 Fall Green_IN 8-8 10/29/2013 6:13 0.03 0.009 0.146 0.19 39.7 1.0 29.3 7.4 Fall Green_IN 8-9 10/29/2013 6:15 0.03 0.009 0.135 0.39 26.7 0.9 30.4 7.4 Fall	Green_IN	8-3	10/29/2013	5:47	0.03	0.009	0.115	0.43	43.7	0.7	25.8	7.5	Fall
Green_IN 8-6 10/29/2013 6:03 0.04 0.013 0.114 0.34 189.7 1.0 25.1 7.5 Fall Green_IN 8-7 10/29/2013 6:11 0.03 0.009 0.121 0.32 77.3 1.0 27.0 7.4 Fall Green_IN 8-8 10/29/2013 6:13 0.03 0.009 0.146 0.19 39.7 1.0 29.3 7.4 Fall Green_IN 8-9 10/29/2013 6:15 0.03 0.009 0.135 0.39 26.7 0.9 30.4 7.4 Fall	Green_IN	8-4	10/29/2013	5:51	0.04	0.010	0.133	0.32	22.0	1.0	28.0	7.4	Fall
Green_IN 8-7 10/29/2013 6:11 0.03 0.009 0.121 0.32 77.3 1.0 27.0 7.4 Fall Green_IN 8-8 10/29/2013 6:13 0.03 0.009 0.146 0.19 39.7 1.0 29.3 7.4 Fall Green_IN 8-9 10/29/2013 6:15 0.03 0.009 0.135 0.39 26.7 0.9 30.4 7.4 Fall	Green_IN	8-5	10/29/2013	6:01	0.03	0.009	0.154	0.34	109.7	1.1	31.9	7.4	Fall
Green_IN 8-8 10/29/2013 6:13 0.03 0.009 0.146 0.19 39.7 1.0 29.3 7.4 Fall Green_IN 8-9 10/29/2013 6:15 0.03 0.009 0.135 0.39 26.7 0.9 30.4 7.4 Fall	Green_IN	8-6	10/29/2013	6:03	0.04	0.013	0.114	0.34	189.7	1.0	25.1	7.5	Fall
Green_IN 8-9 10/29/2013 6:15 0.03 0.009 0.135 0.39 26.7 0.9 30.4 7.4 Fall	Green_IN	8-7	10/29/2013	6:11	0.03	0.009	0.121	0.32	77.3	1.0	27.0	7.4	Fall
	Green_IN	8-8	10/29/2013	6:13	0.03	0.009	0.146	0.19	39.7	1.0	29.3	7.4	Fall
Green_IN 8-10 10/29/2013 6:26 0.03 0.010 0.122 0.28 35.3 1.1 36.6 7.4 Fall	Green_IN	8-9	10/29/2013	6:15	0.03	0.009	0.135	0.39	26.7	0.9	30.4	7.4	Fall
	Green_IN	8-10	10/29/2013	6:26	0.03	0.010	0.122	0.28	35.3	1.1	36.6	7.4	Fall

Green IN 8-12 10/29/2013 6-29 0.04 0.011 0.101 0.39 12.17 0.6 2.71 7.5 Fall													
Green IN 8-13 10/29/2013 6-46 0.03 0.009 0.159 0.37 44.0 0.6 30.6 7.3 Fall	Green_IN	8-11	10/29/2013	6:29	0.04	0.011	0.101	0.39	121.7	0.6	27.1	7.5	Fall
Green_IN 8-14 10/29/2013 6:51 0.03 0.010 0.124 0.50 37.3 0.9 30.0 7.3 Fall Green_IN Green_IN 8-15 10/29/2013 7:05 0.06 0.019 0.072 0.45 11.7 1.4 32.3 7.3 Fall Green_IN Green_IN 8-16 10/29/2013 7:20 0.04 0.014 0.085 0.52 48.3 1.5 32.1 7.4 Fall Green_IN Green_IN 8-18 10/29/2013 7:50 0.06 0.023 0.048 0.37 9.0 1.2 30.9 7.4 Fall Green_IN Green_IN 8-19 10/29/2013 8:05 0.05 0.018 0.047 0.43 7.7 2.1 38.3 7.3 Fall Green_IN Green_IN 8-20 10/29/2013 8:20 0.04 0.013 0.042 0.37 1.0 2.4 4.3.4 7.3 Fall Green_IN Green_IN 9-1 11/21/2013 8:20 </td <td>Green_IN</td> <td>8-12</td> <td>10/29/2013</td> <td>6:41</td> <td>0.06</td> <td>0.019</td> <td>0.147</td> <td>0.41</td> <td>98.7</td> <td>0.4</td> <td>26.5</td> <td>7.4</td> <td>Fall</td>	Green_IN	8-12	10/29/2013	6:41	0.06	0.019	0.147	0.41	98.7	0.4	26.5	7.4	Fall
Green IN 8-15 10/29/2013 7.05 0.06 0.019 0.072 0.45 11.7 1.4 32.3 7.3 Fall Green IN Green IN 8-16 10/29/2013 7:20 0.04 0.014 0.085 0.52 48.3 1.5 32.1 7.4 Fall Green IN Green IN 8-17 10/29/2013 7:35 0.07 0.025 0.068 0.37 16.3 1.0 33.9 7.3 Fall Green IN Green IN 8-19 10/29/2013 8:05 0.05 0.018 0.047 0.43 7.7 2.1 38.3 7.3 Fall Green IN Green IN 8-20 10/29/2013 8:20 0.04 0.013 0.042 0.37 1.0 2.4 43.4 7.3 Fall Green IN Green IN 9-1 11/21/2013 8:16 0.03 0.010 0.242 1.26 253.3 0.8 58.8 6.7 Fall Green IN Green IN 9-2 11/21/2013 8:35 </td <td>Green_IN</td> <td>8-13</td> <td>10/29/2013</td> <td>6:46</td> <td>0.03</td> <td>0.009</td> <td>0.159</td> <td>0.37</td> <td>44.0</td> <td>0.6</td> <td>30.6</td> <td>7.3</td> <td>Fall</td>	Green_IN	8-13	10/29/2013	6:46	0.03	0.009	0.159	0.37	44.0	0.6	30.6	7.3	Fall
Green IN 8-16 10/29/2013 7:20 0.04 0.014 0.085 0.52 48.3 1.5 32.1 7.4 Fall Green IN 8-17 10/29/2013 7:35 0.07 0.025 0.068 0.37 9.0 1.2 30.9 7.4 Fall Green IN 8-18 10/29/2013 7:50 0.06 0.023 0.048 0.37 16.3 1.0 33.9 7.3 Fall Green IN 8-19 10/29/2013 8:05 0.05 0.018 0.047 0.43 7.7 2.1 38.3 7.3 Fall Green IN 8-20 10/29/2013 8:20 0.04 0.013 0.042 0.37 1.0 2.4 43.4 7.3 Fall Green IN 9-1 11/21/2013 8:16 0.03 0.009 0.021 0.37 1.0 2.4 43.4 7.3 Fall Green IN 9-2 11/21/2013 8:36 0.03 0.009	Green_IN	8-14	10/29/2013	6:51	0.03	0.010	0.124	0.50	37.3	0.9	30.0	7.3	Fall
Green IN 8-17 10/29/2013 7:35 0.07 0.025 0.068 0.37 9.0 1.2 30.9 7.4 Fall Green IN 8-18 10/29/2013 7:50 0.06 0.023 0.048 0.37 16.3 1.0 33.9 7.3 Fall Green IN 8-19 10/29/2013 8:05 0.05 0.018 0.047 0.43 7.7 2.1 38.3 7.3 Fall Green IN 8-20 10/29/2013 8:20 0.04 0.013 0.042 0.37 1.0 2.4 43.4 7.3 Fall Green IN 9-1 11/21/2013 8:16 0.03 0.010 0.242 1.26 253.3 0.8 58.8 6.7 Fall Green IN 9-2 11/21/2013 8:16 0.03 0.000 0.201 0.89 173.0 0.6 46.0 7.1 Fall Green IN 9-3 11/21/2013 8:57 0.04 0.012	Green_IN	8-15	10/29/2013	7:05	0.06	0.019	0.072	0.45	11.7	1.4	32.3	7.3	Fall
Green IN 8-18 10/29/2013 7:50 0.06 0.023 0.048 0.37 16.3 1.0 33.9 7.3 Fall Green IN 8-19 10/29/2013 8:05 0.05 0.018 0.047 0.43 7.7 2.1 38.3 7.3 Fall Green IN 8-20 10/29/2013 8:20 0.04 0.013 0.002 0.37 1.0 2.4 43.4 7.3 Fall Green IN 8-21 10/29/2013 8:20 0.03 0.009 0.087 0.23 44.7 2.1 31.6 7.5 Fall Green IN 9-1 11/21/2013 8:16 0.03 0.010 0.242 1.26 253.3 0.8 58.8 6.7 Fall Green IN 9-2 11/21/2013 8:36 0.03 0.009 0.114 0.65 45.0 0.6 48.0 7.1 Fall Green IN 9-4 11/21/2013 9:52 0.04 0.010	Green_IN	8-16	10/29/2013	7:20	0.04	0.014	0.085	0.52	48.3	1.5	32.1	7.4	Fall
Green_IN 8-19 10/29/2013 8.05 0.05 0.018 0.047 0.43 7.7 2.1 38.3 7.3 Fall Green_IN 8-20 10/29/2013 8:20 0.04 0.013 0.042 0.37 1.0 2.4 43.4 7.3 Fall Green_IN 8-21 10/29/2013 12:12 0.03 0.009 0.087 0.23 44.7 2.1 31.6 7.5 Fall Green_IN 9-1 11/21/2013 8:22 0.03 0.009 0.201 0.89 173.0 0.6 46.0 7.1 Fall Green_IN 9-3 11/21/2013 8:36 0.03 0.009 0.211 0.65 45.0 0.6 38.9 7.1 Fall Green_IN 9-4 11/21/2013 8:57 0.04 0.012 0.105 0.56 111.0 0.6 40.7 7.2 Fall Green_IN 9-5 11/21/2013 9:57 0.04 0.010	Green_IN	8-17	10/29/2013	7:35	0.07	0.025	0.068	0.37	9.0	1.2	30.9	7.4	Fall
Green IN 8-20 10/29/2013 8:20 0.04 0.013 0.042 0.37 1.0 2.4 43.4 7.3 Fall	Green_IN	8-18	10/29/2013	7:50	0.06	0.023	0.048	0.37	16.3	1.0	33.9	7.3	Fall
Green_IN 8-21 10/29/2013 12:12 0.03 0.009 0.087 0.23 44.7 2.1 31.6 7.5 Fall	Green_IN	8-19	10/29/2013	8:05	0.05	0.018	0.047	0.43	7.7	2.1	38.3	7.3	Fall
Green_IN 9-1 11/21/2013 8:16 0.03 0.010 0.242 1.26 253.3 0.8 58.8 6.7 Fall	Green_IN	8-20	10/29/2013	8:20	0.04	0.013	0.042	0.37	1.0	2.4	43.4	7.3	Fall
Green IN 9-2 11/21/2013 8:22 0.03 0.009 0.201 0.89 173.0 0.6 46.0 7.1 Fall	Green_IN	8-21	10/29/2013	12:12	0.03	0.009	0.087	0.23	44.7	2.1	31.6	7.5	Fall
Green IN 9-3 11/21/2013 8:36 0.03 0.009 0.114 0.65 45.0 0.6 38.9 7.1 Fall Green_IN 9-4 11/21/2013 8:57 0.04 0.012 0.105 0.56 111.0 0.6 40.7 7.2 Fall Green_IN 9-5 11/21/2013 9:52 0.04 0.010 0.197 0.69 164.0 0.8 34.5 7.2 Fall Green_IN 9-6 11/21/2013 10:06 0.03 0.009 0.217 0.56 94.7 0.4 34.1 7.2 Fall Green_IN 10-1 3/16/2014 2:26 0.04 0.013 2:364 1.22 1,857.0 69.9 316.0 6.7 Winter Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.3 Winter Green_IN 10-4 3/16/2014 2:43 0.03 0.009	Green_IN	9-1	11/21/2013	8:16	0.03	0.010	0.242	1.26	253.3	0.8	58.8	6.7	Fall
Green_IN 9-4 11/21/2013 8:57 0.04 0.012 0.105 0.56 111.0 0.6 40.7 7.2 Fall Green_IN 9-5 11/21/2013 9:52 0.04 0.010 0.197 0.69 164.0 0.8 34.5 7.2 Fall Green_IN 9-6 11/21/2013 9:57 0.03 0.010 0.205 0.60 101.0 0.5 35.2 7.2 Fall Green_IN 9-7 11/21/2013 10:06 0.03 0.009 0.217 0.56 94.7 0.4 34.1 7.2 Fall Green_IN 10-1 3/16/2014 2:26 0.04 0.013 2.364 1.22 1,857.0 69.9 316.0 6.7 Winter Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-4 3/16/2014 2:45 0.03 0.01	Green_IN	9-2	11/21/2013	8:22	0.03	0.009	0.201	0.89	173.0	0.6	46.0	7.1	Fall
Green_IN 9-5 11/21/2013 9:52 0.04 0.010 0.197 0.69 164.0 0.8 34.5 7.2 Fall Green_IN 9-6 11/21/2013 9:57 0.03 0.010 0.205 0.60 101.0 0.5 35.2 7.2 Fall Green_IN 9-7 11/21/2013 10:06 0.03 0.009 0.217 0.56 94.7 0.4 34.1 7.2 Fall Green_IN 10-1 3/16/2014 2:26 0.04 0.013 2.364 1.22 1,857.0 69.9 316.0 6.7 Winter Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.267 0.80 310.3 30.3 181.2 7.3 Winter Green_IN 10-3 3/16/2014 2:36 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-3 3/16/2014 2:43 0.03	Green_IN	9-3	11/21/2013	8:36	0.03	0.009	0.114	0.65	45.0	0.6	38.9	7.1	Fall
Green_IN 9-6 11/21/2013 9:57 0.03 0.010 0.205 0.60 101.0 0.5 35.2 7.2 Fall Green_IN 9-7 11/21/2013 10:06 0.03 0.009 0.217 0.56 94.7 0.4 34.1 7.2 Fall Green_IN 10-1 3/16/2014 2:26 0.04 0.013 2.364 1.22 1,857.0 69.9 316.0 6.7 Winter Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.267 0.80 310.3 30.3 181.2 7.3 Winter Green_IN 10-3 3/16/2014 2:36 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-4 3/16/2014 2:43 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 2:45 0.03	Green_IN	9-4	11/21/2013	8:57	0.04	0.012	0.105	0.56	111.0	0.6	40.7	7.2	Fall
Green_IN 9-7 11/21/2013 10:06 0.03 0.009 0.217 0.56 94.7 0.4 34.1 7.2 Fall Green_IN 10-1 3/16/2014 2:26 0.04 0.013 2:364 1.22 1,857.0 69.9 316.0 6.7 Winter Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.267 0.80 310.3 30.3 181.2 7.3 Winter Green_IN 10-3 3/16/2014 2:36 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-4 3/16/2014 2:43 0.03 0.009 0.191 1.04 109.7 27.4 161.4 7.9 Winter Green_IN 10-5 3/16/2014 2:45 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 4:08 0.03	Green_IN	9-5	11/21/2013	9:52	0.04	0.010	0.197	0.69	164.0	0.8	34.5	7.2	Fall
Green_IN 10-1 3/16/2014 2:26 0.04 0.013 2:364 1.22 1,857.0 69.9 316.0 6.7 Winter Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.267 0.80 310.3 30.3 181.2 7.3 Winter Green_IN 10-3 3/16/2014 2:36 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-4 3/16/2014 2:43 0.03 0.009 0.191 1.04 109.7 27.4 161.4 7.9 Winter Green_IN 10-5 3/16/2014 2:45 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 2:53 0.04 0.011 0.115 1.37 90.3 17.8 123.1 8.1 Winter Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 10-10 3/16/2014 18:08 0.03 0.009 1.24 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:08 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:08 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_I	Green_IN	9-6	11/21/2013	9:57	0.03	0.010	0.205	0.60	101.0	0.5	35.2	7.2	Fall
Green_IN 10-2 3/16/2014 2:33 0.03 0.009 0.267 0.80 310.3 30.3 181.2 7.3 Winter Green_IN 10-3 3/16/2014 2:36 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-4 3/16/2014 2:43 0.03 0.009 0.191 1.04 109.7 27.4 161.4 7.9 Winter Green_IN 10-5 3/16/2014 2:45 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 2:53 0.04 0.011 0.115 1.37 90.3 17.8 123.1 8.1 Winter Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04	Green_IN	9-7	11/21/2013	10:06	0.03	0.009	0.217	0.56	94.7	0.4	34.1	7.2	Fall
Green_IN 10-3 3/16/2014 2:36 0.03 0.009 0.273 1.46 190.0 27.7 161.2 7.7 Winter Green_IN 10-4 3/16/2014 2:43 0.03 0.009 0.191 1.04 109.7 27.4 161.4 7.9 Winter Green_IN 10-5 3/16/2014 2:45 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 2:53 0.04 0.011 0.115 1.37 90.3 17.8 123.1 8.1 Winter Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,170.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:06 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	10-1	3/16/2014	2:26	0.04	0.013	2.364	1.22	1,857.0	69.9	316.0	6.7	Winter
Green_IN 10-4 3/16/2014 2:43 0.03 0.009 0.191 1.04 109.7 27.4 161.4 7.9 Winter Green_IN 10-5 3/16/2014 2:45 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 2:53 0.04 0.011 0.115 1.37 90.3 17.8 123.1 8.1 Winter Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03	Green_IN	10-2	3/16/2014	2:33	0.03	0.009	0.267	0.80	310.3	30.3	181.2	7.3	Winter
Green_IN 10-5 3/16/2014 2:45 0.03 0.010 0.187 1.08 179.0 26.3 159.7 8.0 Winter Green_IN 10-6 3/16/2014 2:53 0.04 0.011 0.115 1.37 90.3 17.8 123.1 8.1 Winter Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03	Green_IN	10-3	3/16/2014	2:36	0.03	0.009	0.273	1.46	190.0	27.7	161.2	7.7	Winter
Green_IN 10-6 3/16/2014 2:53 0.04 0.011 0.115 1.37 90.3 17.8 123.1 8.1 Winter Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,770.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03	Green_IN	10-4	3/16/2014	2:43	0.03	0.009	0.191	1.04	109.7	27.4	161.4	7.9	Winter
Green_IN 10-7 3/16/2014 4:08 0.03 0.010 0.121 0.88 124.0 20.2 139.2 8.0 Winter Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,170.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03	Green_IN	10-5	3/16/2014	2:45	0.03	0.010	0.187	1.08	179.0	26.3	159.7	8.0	Winter
Green_IN 10-8 3/16/2014 4:13 0.04 0.011 0.227 1.06 234.0 14.0 106.5 8.2 Winter Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,170.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03	Green_IN	10-6	3/16/2014	2:53	0.04	0.011	0.115	1.37	90.3	17.8	123.1	8.1	Winter
Green_IN 10-9 3/16/2014 4:17 0.04 0.011 0.153 0.70 110.7 11.7 94.0 8.3 Winter Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,170.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03	Green_IN	10-7	3/16/2014	4:08	0.03	0.010	0.121	0.88	124.0	20.2	139.2	8.0	Winter
Green_IN 10-10 3/16/2014 4:21 0.03 0.009 0.124 0.70 60.0 12.1 94.1 8.1 Winter Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,170.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03	Green_IN	10-8	3/16/2014	4:13	0.04	0.011	0.227	1.06	234.0	14.0	106.5	8.2	Winter
Green_IN 11-1 4/3/2014 18:08 0.03 0.009 2.886 12.52 2,170.0 42.5 206.0 7.3 Spring Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	10-9	3/16/2014	4:17	0.04	0.011	0.153	0.70	110.7	11.7	94.0	8.3	Winter
Green_IN 11-2 4/3/2014 18:16 0.03 0.009 1.749 4.49 1,311.3 20.4 133.3 7.4 Spring Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	10-10	3/16/2014	4:21	0.03	0.009	0.124	0.70	60.0	12.1	94.1	8.1	Winter
Green_IN 11-3 4/3/2014 18:27 0.03 0.009 1.488 1.39 592.0 11.1 95.9 7.8 Spring Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	11-1	4/3/2014	18:08	0.03	0.009	2.886	12.52	2,170.0	42.5	206.0	7.3	Spring
Green_IN 11-4 4/3/2014 18:36 0.03 0.009 1.002 0.73 430.3 7.9 82.2 8.0 Spring Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	11-2	4/3/2014	18:16	0.03	0.009	1.749	4.49	1,311.3	20.4	133.3	7.4	Spring
Green_IN 12-1 5/8/2014 15:08 0.03 0.009 1.374 3.80 252.0 8.7 181.4 7.1 Spring Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	11-3	4/3/2014	18:27	0.03	0.009	1.488	1.39	592.0	11.1	95.9	7.8	Spring
Green_IN 12-2 5/8/2014 15:16 0.03 0.009 1.259 2.58 146.0 6.4 133.5 7.1 Spring	Green_IN	11-4	4/3/2014	18:36	0.03	0.009	1.002	0.73	430.3	7.9	82.2	8.0	Spring
10 0 5 (Albert	Green_IN	12-1	5/8/2014	15:08	0.03	0.009	1.374	3.80	252.0	8.7	181.4	7.1	Spring
Green_IN 12-3 5/8/2014 15:23 0.03 0.009 0.440 1.88 245.6 4.9 103.1 7.2 Spring	Green_IN	12-2	5/8/2014	15:16	0.03	0.009	1.259	2.58	146.0	6.4	133.5	7.1	Spring
	Green_IN	12-3	5/8/2014	15:23	0.03	0.009	0.440	1.88	245.6	4.9	103.1	7.2	Spring

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Green_IN	12-4	5/8/2014	15:27	0.03	0.009	0.358	1.64	175.3	5.3	98.7	7.3	Spring
Green_IN	12-5	5/8/2014	15:48	0.03	0.009	0.253	1.01	103.6	3.5	63.5	7.5	Spring
Green_IN	12-6	5/8/2014	16:08	0.03	0.009	0.242	0.99	104.6	2.8	69.9	7.6	Spring
Green_IN	12-7	5/8/2014	16:12	0.03	0.009	0.141	0.54	94.0	2.7	65.3	7.7	Spring
Green_IN	12-8	5/8/2014	16:21	0.03	0.009	0.175	0.80	72.6	2.8	70.5	7.7	Spring
Green_IN	12-9	5/8/2014	16:34	0.03	0.009	0.121	0.80	39.0	2.8	71.1	7.8	Spring
Green_IN	12-10	5/8/2014	16:38	0.03	0.009	0.138	0.66	218.0	2.8	73.5	7.9	Spring
Green_IN	12-11	5/8/2014	2:48	0.03	0.009	0.412	1.01	320.0	5.4	101.9	8.2	Spring
Green_IN	12-12	5/8/2014	2:52	0.03	0.009	0.309	2.18	317.0	4.3	80.0	8.3	Spring
Green_IN	12-13	5/8/2014	2:53	0.03	0.009	0.247	1.71	190.3	4.1	74.9	8.3	Spring
Green_IN	12-14	5/8/2014	2:58	0.03	0.009	0.165	0.96	77.6	3.1	64.6	8.3	Spring
Green_IN	12-15	5/8/2014	3:04	0.03	0.009	0.108	0.87	29.3	5.3	68.3	8.3	Spring
Green_IN	12-16	5/8/2014	7:13	0.03	0.009	0.374	1.62	801.0	1.9	44.0	8.5	Spring
Green_IN	12-17	5/8/2014	7:22	0.07	0.028	0.258	1.52	155.0	2.3	44.1	7.4	Spring
Green_IN	12-18	5/8/2014	7:29	0.03	0.009	0.181	1.22	57.3	9.8	104.6	6.7	Spring
Green_IN	13-1	5/12/2014	17:38	0.03	0.009	0.516	2.96	163.3	17.0	196.4	6.8	Spring
Green_IN	13-10	5/12/2014	20:07	0.04	0.010	0.098	0.66	30.7	5.2	69.6	7.4	Spring
Green_IN	13-11	5/12/2014	22:11	0.03	0.009	0.093	0.88	33.0	5.7	85.3	7.4	Spring
Green_IN	13-12	5/12/2014	22:17	0.03	0.010	0.086	0.71	17.7	6.1	52.3	7.5	Spring
Green_IN	13-2	5/12/2014	17:49	0.03	0.010	0.595	2.34	452.7	11.0	164.6	7.0	Spring
Green_IN	13-3	5/12/2014	18:03	0.06	0.021	0.169	0.73	123.3	5.1	65.5	7.2	Spring
Green_IN	13-4	5/12/2014	18:18	0.04	0.013	0.150	0.75	30.7	5.3	65.2	7.1	Spring
Green_IN	13-5	5/12/2014	18:56	0.03	0.010	0.183	1.30	54.7	7.1	100.0	7.1	Spring
Green_IN	13-6	5/12/2014	19:07	0.05	0.014	0.144	0.88	53.7	5.8	81.5	7.2	Spring
Green_IN	13-7	5/12/2014	19:22	0.04	0.011	0.112	0.84	43.0	6.3	82.1	7.2	Spring
Green_IN	13-8	5/12/2014	19:37	0.03	0.010	0.115	0.86	49.7	6.7	87.1	7.3	Spring
Green_IN	13-9	5/12/2014	19:52	0.04	0.012	0.098	0.57	65.0	3.5	64.3	7.4	Spring
Green_IN	14-1	6/5/2014	22:44	0.04	0.013	0.778	1.54	1,027.7	3.8	81.2	7.3	Spring
Green_IN	14-2	6/5/2014	22:51	0.04	0.012	0.178	1.16	324.7	7.1	10.0	6.9	Spring
Green_IN	14-3	6/5/2014	23:16	0.03	0.010	0.131	0.78	97.7	4.6	11.5	7.0	Spring
Green_IN	14-4	6/5/2014	23:26	0.04	0.013	0.110	0.59	73.7	2.5	25.2	6.7	Spring

Table 21. Greenwood-OUT Pre-Implementation Water Quality Data

Table 21.	Greenwood	a-OUI Pre-	impiem	entation	water C	zuamy D	ala	ı	ı	1		ı
Site	Sample ID	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC (uS/cm)	рН	Season
Green_OUT	1-1	5/31/2012	1:52	0.10	0.008	0.428	1.82	647.0	1.3	168.0	7.2	Spring
Green_OUT	1-2	5/31/2012	2:22	0.27	0.016	0.199	1.34	46.3	5.3	75.0	7.2	Spring
Green_OUT	1-3	5/31/2012	2:52	0.38	0.019	0.154	1.04	62.8	3.9	49.0	7.1	Spring
Green_OUT	1-4	5/31/2012	3:22	0.46	0.021	0.171	0.71	59.3	1.5	51.0	7.3	Spring
Green_OUT	1-5	5/31/2012	3:52	0.47	0.021	0.132	0.75	17.7	1.6	53.0	7.2	Spring
Green_OUT	1-6	5/31/2012	4:22	0.47	0.021	0.133	0.71	11.2	1.6	50.0	6.9	Spring
Green_OUT	1-7	5/31/2012	4:52	0.45	0.021	0.155	0.71	7.0	1.6	56.0	6.9	Spring
Green_OUT	1-8	5/31/2012	5:22	0.43	0.020	0.202	0.71	11.0	1.8	65.0	6.6	Spring
Green_OUT	1-9	5/31/2012	5:52	0.40	0.019	0.246	0.96	8.0	2.3	72.0	6.9	Spring
Green_OUT	1-10	5/31/2012	6:22	0.37	0.019	0.268	0.81	8.0	2.6	75.0	7.0	Spring
Green_OUT	1-11	5/31/2012	6:52	0.34	0.018	0.366	0.92	5.7	3.1	82.0	7.0	Spring
Green_OUT	2-1	6/11/2012	8:51	0.31	0.017	0.339	1.71	234.0	2.5	74.0	7.3	Spring
Green_OUT	2-2	6/11/2012	9:21	0.33	0.017	0.172	1.15	30.0	1.5	66.0	7.3	Spring
Green_OUT	2-3	6/11/2012	9:51	0.30	0.016	0.241	1.17	17.3	2.4	77.0	7.1	Spring
Green_OUT	2-4	6/11/2012	10:21	0.24	0.015	0.236	1.22	21.3	1.9	76.0	7.3	Spring
Green_OUT	2-5	6/11/2012	10:51	0.11	0.008	0.323	1.48	15.3	3.0	107.0	7.0	Spring
Green_OUT	4-1	4/18/2013	2:44	0.15	0.011	1.517	5.65	1,799.0	11.0	188.0	6.9	Spring
Green_OUT	4-2	4/18/2013	3:14	0.39	0.019	0.254	1.33	79.6	5.6	58.7	6.8	Spring
Green_OUT	4-3	4/18/2013	3:44	0.40	0.019	0.141	0.97	20.0	4.3	40.2	6.4	Spring
Green_OUT	4-4	4/18/2013	4:14	0.38	0.019	0.137	1.03	12.7	4.6	44.6	6.6	Spring
Green_OUT	4-5	4/18/2013	4:44	0.37	0.009	0.137	1.03	8.3	3.2	50.7	6.6	Spring
Green_OUT	4-6	4/18/2013	5:15	0.37	0.009	0.096	0.91	3.7	2.9	51.5	6.8	Spring
Green_OUT	4-7	4/18/2013	5:44	0.37	0.009	0.149	0.91	8.0	3.0	52.4	6.7	Spring
Green_OUT	4-8	4/18/2013	6:14	0.36	0.009	0.176	1.95	2.7	3.0	62.6	6.8	Spring
Green_OUT	4-9	4/18/2013	6:44	0.36	0.009	0.177	0.99	2.7	2.7	57.5	6.8	Spring
Green_OUT	4-10	4/18/2013	7:14	0.37	0.009	0.156	0.83	6.0	2.5	53.9	6.8	Spring
Green_OUT	4-11	4/18/2013	7:44	0.36	0.009	0.190	0.91	8.7	2.6	62.7	6.9	Spring
Green_OUT	4-12	4/18/2013	8:14	0.32	0.009	0.256	1.07	1.0	2.5	74.9	6.9	Spring
Green_OUT	4-13	4/18/2013	8:44	0.25	0.008	0.291	1.29	2.0	3.2	99.6	7.0	Spring
Green_OUT	4-14	4/18/2013	9:14	0.14	0.005	0.243	1.33	5.3	3.9	120.3	7.2	Spring
Green_OUT	5-1	7/26/2013	10:29	0.36	0.005	0.091	0.75	8.3	2.6	46.4	6.9	Summer
Green_OUT	5-2	7/26/2013	10:59	0.35	0.004	0.093	0.64	4.3	2.8	46.6	6.9	Summer
Green_OUT	5-3	7/26/2013	11:29	0.34	0.004	0.119	0.87	6.0	2.9	49.4	6.8	Summer

Green OUT 5-4 7/26/2013 11:59 0.34 0.004 0.162 0.71 3.3 3.2 47.8 7.0 Summer Green OUT Green OUT 5-5 7/26/2013 12:42 0.34 0.004 0.231 0.78 2.3 3.0 49.6 6.4 Summer Green OUT Green OUT 5-7 7/26/2013 13:44 0.34 0.004 0.235 0.66 4.7 3.1 50.6 7.0 Summer Green OUT Green OUT 5-8 7/26/2013 13:40 0.41 0.005 0.027 0.69 4.7 4.4 6.72 7.1 Summer Green OUT Green OUT 5-10 7/26/2013 14:40 0.44 0.005 0.997 1.74 5.3 2.7 41.2 7.1 Summer Green OUT Green OUT 5-11 7/26/2013 15:34 0.46 0.005 0.139 0.35 3.3 2.0 30.9 7.0 Summer Green OUT Green OUT 5-13 7/26/2013													
Green OUT 5-6 7/26/2013 12:42 0.34 0.004 0.231 0.78 2.3 3.0 49.6 6.4 Summer Green OUT 5-7 7/26/2013 13:04 0.034 0.004 0.235 0.66 4.7 3.1 50.6 7.0 Summer Green OUT Green OUT 5-8 7/26/2013 13:34 0.37 0.005 0.113 1.70 6.7 3.0 50.1 7.2 Summer Green OUT Green OUT 5-10 7/26/2013 14:34 0.44 0.005 0.097 1.74 5.3 2.7 41:2 7.1 Summer Green OUT Green OUT 5-11 7/26/2013 15:04 0.46 0.005 0.114 0.54 7.5 2.6 39.7 7.2 Summer Green OUT Green OUT 5-13 7/26/2013 16:04 0.46 0.005 0.139 0.31 6.0 2.4 36.1 7.0 Summer Green OUT Green OUT 5-13 7/26/2013 16:34 0.045 <td>Green_OUT</td> <td>5-4</td> <td>7/26/2013</td> <td>11:59</td> <td>0.34</td> <td>0.004</td> <td>0.162</td> <td>0.71</td> <td>3.3</td> <td>3.2</td> <td>47.8</td> <td>7.0</td> <td>Summer</td>	Green_OUT	5-4	7/26/2013	11:59	0.34	0.004	0.162	0.71	3.3	3.2	47.8	7.0	Summer
Green OUT 5-7 7/26/2013 13:04 0.34 0.004 0.235 0.66 4.7 3.1 50.6 7.0 Summer Green OUT 5-8 7/26/2013 13:34 0.37 0.005 0.207 0.69 4.7 4.4 67.2 7.1 Summer	Green_OUT	5-5	7/26/2013	12:29	0.33	0.004	0.207	0.80	5.7	2.9	47.1	6.9	Summer
Green OUT 5-8 7/26/2013 13:34 0.37 0.005 0.207 0.69 4.7 4.4 67.2 7.1 Summer Green OUT 5-9 7/26/2013 14:04 0.41 0.005 0.113 1.70 6.7 3.0 50.1 7.2 Summer Green OUT Green OUT 5-10 7/26/2013 14:34 0.44 0.005 0.097 1.74 5.3 2.7 41.2 7.1 Summer Green OUT Green OUT 5-12 7/26/2013 15:34 0.46 0.005 0.139 0.35 3.3 2.0 30.9 7.0 Summer Green OUT Green OUT 5-13 7/26/2013 16:04 0.46 0.005 0.139 0.31 6.0 2.4 36.1 7.0 Summer Green OUT Green OUT 5-15 7/26/2013 17:04 0.45 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green OUT Green OUT 5-16 7/26/2013 18:34 0.45	Green_OUT	5-6	7/26/2013	12:42	0.34	0.004	0.231	0.78	2.3	3.0	49.6	6.4	Summer
Green OUT 5-9 7/26/2013 14:04 0.41 0.005 0.113 1.70 6.7 3.0 50.1 7.2 Summer Green OUT 5-10 7/26/2013 14:34 0.44 0.005 0.097 1.74 5.3 2.7 41.2 7.1 Summer Green OUT Green OUT 5-12 7/26/2013 15:04 0.46 0.005 0.114 0.54 7.5 2.6 39.7 7.2 Summer Green OUT Green OUT 5-13 7/26/2013 16:34 0.46 0.005 0.139 0.31 6.0 2.4 36.1 7.0 Summer Green OUT Green OUT 5-14 7/26/2013 16:34 0.46 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green OUT Green OUT 5-16 7/26/2013 17:04 0.45 0.005 0.310 0.66 4.0 2.6 38.9 7.0 Summer Green OUT Green OUT 5-17 7/26/2013 18:04 0.44 <td>Green_OUT</td> <td>5-7</td> <td>7/26/2013</td> <td>13:04</td> <td>0.34</td> <td>0.004</td> <td>0.235</td> <td>0.66</td> <td>4.7</td> <td>3.1</td> <td>50.6</td> <td>7.0</td> <td>Summer</td>	Green_OUT	5-7	7/26/2013	13:04	0.34	0.004	0.235	0.66	4.7	3.1	50.6	7.0	Summer
Green OUT 5-10 7/26/2013 14:34 0.44 0.005 0.097 1.74 5.3 2.7 41.2 7.1 Summer Green OUT Green OUT 5-11 7/26/2013 15:04 0.46 0.005 0.114 0.54 7.5 2.6 39.7 7.2 Summer Green OUT Green OUT 5-12 7/26/2013 16:04 0.46 0.005 0.139 0.31 6.0 2.4 36:1 7.0 Summer Green OUT Green OUT 5-14 7/26/2013 16:34 0.46 0.005 0.270 0.47 6.3 2.2 36:5 7.0 Summer Green OUT Green OUT 5-15 7/26/2013 17:34 0.45 0.005 0.270 0.47 6.3 2.2 36:5 7.0 Summer Green OUT Green OUT 5-16 7/26/2013 18:34 0.44 0.005 0.315 0.73 1.0 2.7 39:6 6:9 Summer Green OUT 6-1 8/3/2013 4:25 0.09	Green_OUT	5-8	7/26/2013	13:34	0.37	0.005	0.207	0.69	4.7	4.4	67.2	7.1	Summer
Green OUT 5-11 7/26/2013 15:04 0.46 0.005 0.114 0.54 7.5 2.6 39.7 7.2 Summer Green OUT 5-12 7/26/2013 15:34 0.46 0.005 0.139 0.35 3.3 2.0 30.9 7.0 Summer Green OUT Green OUT 5-14 7/26/2013 16:04 0.46 0.005 0.139 0.31 6.0 2.4 36.1 7.0 Summer Green OUT Green OUT 5-14 7/26/2013 16:34 0.46 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green OUT Green OUT 5-16 7/26/2013 17:34 0.45 0.005 0.310 0.66 4.0 2.6 38.9 7.0 Summer Green OUT Green OUT 5-17 7/26/2013 18:34 0.43 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green OUT Green OUT 6-1 8/3/2013 4.25 0.09	Green_OUT	5-9	7/26/2013	14:04	0.41	0.005	0.113	1.70	6.7	3.0	50.1	7.2	Summer
Green OUT 5-12 7/26/2013 15:34 0.46 0.005 0.139 0.35 3.3 2.0 30.9 7.0 Summer Green OUT 5-13 7/26/2013 16:04 0.46 0.005 0.139 0.31 6.0 2.4 36.1 7.0 Summer Green OUT Green OUT 5-14 7/26/2013 16:34 0.46 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green OUT Green OUT 5-16 7/26/2013 17:34 0.45 0.005 0.310 0.66 4.0 2.6 38.9 7.0 Summer Green OUT Green OUT 5-17 7/26/2013 18:04 0.44 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green OUT For Stall	Green_OUT	5-10	7/26/2013	14:34	0.44	0.005	0.097	1.74	5.3	2.7	41.2	7.1	Summer
Green_OUT 5-13 7/26/2013 16:04 0.46 0.005 0.139 0.31 6.0 2.4 36.1 7.0 Summer Green_OUT Green_OUT 5-14 7/26/2013 16:34 0.46 0.005 0.180 0.35 3.0 2.4 37.8 6.9 Summer Green_OUT Green_OUT 5-15 7/26/2013 17:04 0.45 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green_OUT Green_OUT 5-16 7/26/2013 18:04 0.44 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green_OUT Green_OUT 5-18 7/26/2013 18:34 0.43 0.005 0.346 1.05 2.3 2.9 44.1 6.9 Summer Green_OUT Green_OUT 6-1 8/3/2013 4:25 0.09 0.007 1.325 1.53 964.3 5.7 139.5 7.3 Summer Green_OUT 6-1 8/3/2013 5:25 0.49	Green_OUT	5-11	7/26/2013	15:04	0.46	0.005	0.114	0.54	7.5	2.6	39.7	7.2	Summer
Green_OUT 5-14 7/26/2013 16:34 0.46 0.005 0.180 0.35 3.0 2.4 37.8 6.9 Summer Green_OUT Green_OUT 5-15 7/26/2013 17:04 0.45 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green_OUT Green_OUT 5-16 7/26/2013 18:04 0.44 0.005 0.310 0.66 4.0 2.6 38.9 7.0 Summer Green_OUT Green_OUT 5-17 7/26/2013 18:04 0.44 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green_OUT Green_OUT 6-1 8/3/2013 4:25 0.09 0.007 1.325 1.53 964.3 5.7 139.5 7.3 Summer Green_OUT Green_OUT 6-2 8/3/2013 5:55 0.49 0.022 0.151 0.50 58.3 1.8 34.6 7.0 Summer Green_OUT Green_OUT 6-3 8/3/2013	Green_OUT	5-12	7/26/2013	15:34	0.46	0.005	0.139	0.35	3.3	2.0	30.9	7.0	Summer
Green_OUT 5-15 7/26/2013 17:04 0.45 0.005 0.270 0.47 6.3 2.2 36.5 7.0 Summer Green_OUT Green_OUT 5-16 7/26/2013 17:34 0.45 0.005 0.310 0.66 4.0 2.6 38.9 7.0 Summer Green_OUT Green_OUT 5-17 7/26/2013 18:04 0.44 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green_OUT Green_OUT 5-18 7/26/2013 18:34 0.43 0.005 0.316 1.05 2.3 2.9 44.1 6.9 Summer Green_OUT Green_OUT 6-2 8/3/2013 4:25 0.09 0.007 1.325 1.53 964.3 5.7 139.5 7.3 Summer Green_OUT Green_OUT 6-3 8/3/2013 5:25 0.49 0.022 0.151 0.54 10.7 1.4 30.4 6.8 Summer Green_OUT Green_OUT 6-5 8/3/2013	Green_OUT	5-13	7/26/2013	16:04	0.46	0.005	0.139	0.31	6.0	2.4	36.1	7.0	Summer
Green_OUT 5-16 7/26/2013 17:34 0.45 0.005 0.310 0.66 4.0 2.6 38.9 7.0 Summer Green_OUT Green_OUT 5-17 7/26/2013 18:04 0.44 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green_OUT Green_OUT 5-18 7/26/2013 18:34 0.43 0.005 0.346 1.05 2.3 2.9 44.1 6.9 Summer Green_OUT Green_OUT 6-1 8/3/2013 4:25 0.09 0.0021 0.191 0.50 58.3 1.8 34.6 7.0 Summer Green_OUT Green_OUT 6-2 8/3/2013 5:55 0.49 0.022 0.151 0.54 10.7 1.4 30.4 6.8 Summer Green_OUT Green_OUT 6-4 8/3/2013 5:55 0.49 0.022 0.152 0.46 8.3 1.4 29.4 6.9 Summer Green_OUT Green_OUT 6-6 8/3/2013	Green_OUT	5-14	7/26/2013	16:34	0.46	0.005	0.180	0.35	3.0	2.4	37.8	6.9	Summer
Green_OUT 5-17 7/26/2013 18:04 0.44 0.005 0.315 0.73 1.0 2.7 39.6 6.9 Summer Green_OUT 5-18 7/26/2013 18:34 0.43 0.005 0.346 1.05 2.3 2.9 44.1 6.9 Summer Green_OUT 6-1 8/3/2013 4:25 0.09 0.007 1.325 1.53 964.3 5.7 139.5 7.3 Summer Green_OUT 6-2 8/3/2013 5:25 0.49 0.022 0.151 0.50 58.3 1.8 34.6 7.0 Summer Green_OUT 6-3 8/3/2013 5:25 0.49 0.022 0.151 0.54 10.7 1.4 30.4 6.8 Summer Green_OUT 6-6 8/3/2013 5:25 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 7:25 0.44 0.021	Green_OUT	5-15	7/26/2013	17:04	0.45	0.005	0.270	0.47	6.3	2.2	36.5	7.0	Summer
Green_OUT 5-18 7/26/2013 18:34 0.43 0.005 0.346 1.05 2.3 2.9 44.1 6.9 Summer Green_OUT 6-1 8/3/2013 4:25 0.09 0.007 1.325 1.53 964.3 5.7 139.5 7.3 Summer Green_OUT 6-2 8/3/2013 4:55 0.45 0.021 0.191 0.50 58.3 1.8 34.6 7.0 Summer Green_OUT 6-3 8/3/2013 5:55 0.49 0.022 0.152 0.46 8.3 1.4 29.4 6.9 Summer Green_OUT 6-4 8/3/2013 6:55 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 7:25 0.44 0.021 0.254 0.74 7.0 1.9 37.3 6.8 Summer Green_OUT 6-6 8/3/2013 7:25 0.44 0.021	Green_OUT	5-16	7/26/2013	17:34	0.45	0.005	0.310	0.66	4.0	2.6	38.9	7.0	Summer
Green_OUT 6-1 8/3/2013 4:25 0.09 0.007 1.325 1.53 964.3 5.7 139.5 7.3 Summer Green_OUT 6-2 8/3/2013 4:55 0.45 0.021 0.191 0.50 58.3 1.8 34.6 7.0 Summer Green_OUT 6-3 8/3/2013 5:25 0.49 0.022 0.151 0.54 10.7 1.4 30.4 6.8 Summer Green_OUT 6-4 8/3/2013 5:25 0.49 0.022 0.152 0.46 8.3 1.4 29.4 6.9 Summer Green_OUT 6-5 8/3/2013 6:25 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 7:55 0.42 0.020	Green_OUT	5-17	7/26/2013	18:04	0.44	0.005	0.315	0.73	1.0	2.7	39.6	6.9	Summer
Green OUT 6-2 8/3/2013 4:55 0.45 0.021 0.191 0.50 58.3 1.8 34.6 7.0 Summer Green_OUT 6-3 8/3/2013 5:25 0.49 0.022 0.151 0.54 10.7 1.4 30.4 6.8 Summer Green_OUT 6-4 8/3/2013 5:55 0.49 0.022 0.152 0.46 8.3 1.4 29.4 6.9 Summer Green_OUT 6-5 8/3/2013 6:25 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 7:55 0.42 0.020 0.372 0.75 4.7 2.6 48.3 6.8 Summer Green_OUT 6-9 8/3/2013 8:25 0.39 0.019	Green_OUT	5-18	7/26/2013	18:34	0.43	0.005	0.346	1.05	2.3	2.9	44.1	6.9	Summer
Green_OUT 6-3 8/3/2013 5:25 0.49 0.022 0.151 0.54 10.7 1.4 30.4 6.8 Summer Green_OUT 6-4 8/3/2013 5:55 0.49 0.022 0.152 0.46 8.3 1.4 29.4 6.9 Summer Green_OUT 6-5 8/3/2013 6:25 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 6:55 0.46 0.021 0.254 0.74 7.0 1.9 37.3 6.8 Summer Green_OUT 6-7 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-10 8/3/2013 8:55 0.36 0.018	Green_OUT	6-1	8/3/2013	4:25	0.09	0.007	1.325	1.53	964.3	5.7	139.5	7.3	Summer
Green_OUT 6-4 8/3/2013 5:55 0.49 0.022 0.152 0.46 8.3 1.4 29.4 6.9 Summer Green_OUT 6-5 8/3/2013 6:25 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 6:55 0.46 0.021 0.254 0.74 7.0 1.9 37.3 6.8 Summer Green_OUT 6-7 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 7:55 0.42 0.020 0.372 0.75 4.7 2.6 48.3 6.8 Summer Green_OUT 6-9 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 3-1 9/7/2013 16:06 0.09 0.007 <	Green_OUT	6-2	8/3/2013	4:55	0.45	0.021	0.191	0.50	58.3	1.8	34.6	7.0	Summer
Green_OUT 6-5 8/3/2013 6:25 0.48 0.022 0.159 0.37 5.3 1.6 33.2 6.8 Summer Green_OUT 6-6 8/3/2013 6:55 0.46 0.021 0.254 0.74 7.0 1.9 37.3 6.8 Summer Green_OUT 6-7 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 7:55 0.42 0.020 0.372 0.75 4.7 2.6 48.3 6.8 Summer Green_OUT 6-9 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-10 8/3/2013 8:55 0.36 0.018 0.890 0.93 0.7 3.1 60.0 6.8 Summer Green_OUT 3-1 9/7/2013 16:36 0.39 0.019	Green_OUT	6-3	8/3/2013	5:25	0.49	0.022	0.151	0.54	10.7	1.4	30.4	6.8	Summer
Green_OUT 6-6 8/3/2013 6:55 0.46 0.021 0.254 0.74 7.0 1.9 37.3 6.8 Summer Green_OUT 6-7 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-9 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-10 8/3/2013 8:55 0.36 0.018 0.890 0.93 0.7 3.1 60.0 6.9 Summer Green_OUT 3-1 9/7/2013 16:36 0.39 0.007 0.868 2.18 1,565.5 2.8 73.0 6.7 Summer Green_OUT 3-2 9/7/2013 17:06 0.37 0.018	Green_OUT	6-4	8/3/2013	5:55	0.49	0.022	0.152	0.46	8.3	1.4	29.4	6.9	Summer
Green_OUT 6-7 8/3/2013 7:25 0.44 0.021 0.326 0.75 5.7 2.3 42.1 6.8 Summer Green_OUT 6-8 8/3/2013 7:55 0.42 0.020 0.372 0.75 4.7 2.6 48.3 6.8 Summer Green_OUT 6-9 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-10 8/3/2013 8:55 0.36 0.018 0.890 0.93 0.7 3.1 60.0 6.9 Summer Green_OUT 3-1 9/7/2013 16:06 0.09 0.007 0.868 2.18 1,565.5 2.8 73.0 6.7 Summer Green_OUT 3-2 9/7/2013 16:36 0.39 0.019 0.348 0.93 69.3 0.6 49.0 6.8 Summer Green_OUT 3-3 9/7/2013 17:36 0.32 0.017	Green_OUT	6-5	8/3/2013	6:25	0.48	0.022	0.159	0.37	5.3	1.6	33.2	6.8	Summer
Green_OUT 6-8 8/3/2013 7:55 0.42 0.020 0.372 0.75 4.7 2.6 48.3 6.8 Summer Green_OUT 6-9 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-10 8/3/2013 8:55 0.36 0.018 0.890 0.93 0.7 3.1 60.0 6.9 Summer Green_OUT 3-1 9/7/2013 16:06 0.09 0.007 0.868 2.18 1,565.5 2.8 73.0 6.7 Summer Green_OUT 3-2 9/7/2013 16:36 0.39 0.019 0.348 0.93 69.3 0.6 49.0 6.8 Summer Green_OUT 3-3 9/7/2013 17:06 0.37 0.018 0.463 1.43 29.0 2.2 59.0 6.8 Summer Green_OUT 3-4 9/7/2013 17:36 0.32 0.017	Green_OUT	6-6	8/3/2013	6:55	0.46	0.021	0.254	0.74	7.0	1.9	37.3	6.8	Summer
Green_OUT 6-9 8/3/2013 8:25 0.39 0.019 0.410 0.77 5.0 2.9 54.9 6.8 Summer Green_OUT 6-10 8/3/2013 8:55 0.36 0.018 0.890 0.93 0.7 3.1 60.0 6.9 Summer Green_OUT 3-1 9/7/2013 16:06 0.09 0.007 0.868 2.18 1,565.5 2.8 73.0 6.7 Summer Green_OUT 3-2 9/7/2013 16:36 0.39 0.019 0.348 0.93 69.3 0.6 49.0 6.8 Summer Green_OUT 3-3 9/7/2013 17:06 0.37 0.018 0.463 1.43 29.0 2.2 59.0 6.8 Summer Green_OUT 3-4 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 <td>Green_OUT</td> <td>6-7</td> <td>8/3/2013</td> <td>7:25</td> <td>0.44</td> <td>0.021</td> <td>0.326</td> <td>0.75</td> <td>5.7</td> <td>2.3</td> <td>42.1</td> <td>6.8</td> <td>Summer</td>	Green_OUT	6-7	8/3/2013	7:25	0.44	0.021	0.326	0.75	5.7	2.3	42.1	6.8	Summer
Green_OUT 6-10 8/3/2013 8:55 0.36 0.018 0.890 0.93 0.7 3.1 60.0 6.9 Summer Green_OUT 3-1 9/7/2013 16:06 0.09 0.007 0.868 2.18 1,565.5 2.8 73.0 6.7 Summer Green_OUT 3-2 9/7/2013 16:36 0.39 0.019 0.348 0.93 69.3 0.6 49.0 6.8 Summer Green_OUT 3-3 9/7/2013 17:06 0.37 0.018 0.463 1.43 29.0 2.2 59.0 6.8 Summer Green_OUT 3-4 9/7/2013 17:36 0.32 0.017 0.755 1.93 13.7 5.2 77.0 6.8 Summer Green_OUT 3-5 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017<	Green_OUT	6-8	8/3/2013	7:55	0.42	0.020	0.372	0.75	4.7	2.6	48.3	6.8	Summer
Green_OUT 3-1 9/7/2013 16:06 0.09 0.007 0.868 2.18 1,565.5 2.8 73.0 6.7 Summer Green_OUT 3-2 9/7/2013 16:36 0.39 0.019 0.348 0.93 69.3 0.6 49.0 6.8 Summer Green_OUT 3-3 9/7/2013 17:06 0.37 0.018 0.463 1.43 29.0 2.2 59.0 6.8 Summer Green_OUT 3-4 9/7/2013 17:36 0.32 0.017 0.755 1.93 13.7 5.2 77.0 6.8 Summer Green_OUT 3-5 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 0.703 1.65 13.0 2.8 74.0 6.8 Summer Green_OUT 3-7 9/7/2013 19:06 0.18 0.012	Green_OUT	6-9	8/3/2013	8:25	0.39	0.019	0.410	0.77	5.0	2.9	54.9	6.8	Summer
Green_OUT 3-2 9/7/2013 16:36 0.39 0.019 0.348 0.93 69.3 0.6 49.0 6.8 Summer Green_OUT 3-3 9/7/2013 17:06 0.37 0.018 0.463 1.43 29.0 2.2 59.0 6.8 Summer Green_OUT 3-4 9/7/2013 17:36 0.32 0.017 0.755 1.93 13.7 5.2 77.0 6.8 Summer Green_OUT 3-5 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 0.703 1.65 13.0 2.8 74.0 6.8 Summer Green_OUT 3-7 9/7/2013 19:06 0.18 0.012 0.048 2.14 77.0 3.3 100.0 6.8 Summer Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 </td <td>Green_OUT</td> <td>6-10</td> <td>8/3/2013</td> <td>8:55</td> <td>0.36</td> <td>0.018</td> <td>0.890</td> <td>0.93</td> <td>0.7</td> <td>3.1</td> <td>60.0</td> <td>6.9</td> <td>Summer</td>	Green_OUT	6-10	8/3/2013	8:55	0.36	0.018	0.890	0.93	0.7	3.1	60.0	6.9	Summer
Green_OUT 3-3 9/7/2013 17:06 0.37 0.018 0.463 1.43 29.0 2.2 59.0 6.8 Summer Green_OUT 3-4 9/7/2013 17:36 0.32 0.017 0.755 1.93 13.7 5.2 77.0 6.8 Summer Green_OUT 3-5 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 0.703 1.65 13.0 2.8 74.0 6.8 Summer Green_OUT 3-7 9/7/2013 19:06 0.18 0.012 0.048 2.14 77.0 3.3 100.0 6.8 Summer Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 0.410 2.02 383.7 0.4 86.1 7.3 Fall Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 <td>Green_OUT</td> <td>3-1</td> <td>9/7/2013</td> <td>16:06</td> <td>0.09</td> <td>0.007</td> <td>0.868</td> <td>2.18</td> <td>1,565.5</td> <td>2.8</td> <td>73.0</td> <td>6.7</td> <td>Summer</td>	Green_OUT	3-1	9/7/2013	16:06	0.09	0.007	0.868	2.18	1,565.5	2.8	73.0	6.7	Summer
Green_OUT 3-4 9/7/2013 17:36 0.32 0.017 0.755 1.93 13.7 5.2 77.0 6.8 Summer Green_OUT 3-5 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 0.703 1.65 13.0 2.8 74.0 6.8 Summer Green_OUT 3-7 9/7/2013 19:06 0.18 0.012 0.048 2.14 77.0 3.3 100.0 6.8 Summer Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 0.410 2.02 383.7 0.4 86.1 7.3 Fall Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 0.138 2.29 46.7 0.5 58.4 7.4 Fall	Green_OUT	3-2	9/7/2013	16:36	0.39	0.019	0.348	0.93	69.3	0.6	49.0	6.8	Summer
Green_OUT 3-5 9/7/2013 18:06 0.29 0.016 0.328 1.06 78.3 0.2 55.0 6.7 Summer Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 0.703 1.65 13.0 2.8 74.0 6.8 Summer Green_OUT 3-7 9/7/2013 19:06 0.18 0.012 0.048 2.14 77.0 3.3 100.0 6.8 Summer Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 0.410 2.02 383.7 0.4 86.1 7.3 Fall Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 0.138 2.29 46.7 0.5 58.4 7.4 Fall	Green_OUT	3-3	9/7/2013	17:06	0.37	0.018	0.463	1.43	29.0	2.2	59.0	6.8	Summer
Green_OUT 3-6 9/7/2013 18:36 0.31 0.017 0.703 1.65 13.0 2.8 74.0 6.8 Summer Green_OUT 3-7 9/7/2013 19:06 0.18 0.012 0.048 2.14 77.0 3.3 100.0 6.8 Summer Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 0.410 2.02 383.7 0.4 86.1 7.3 Fall Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 0.138 2.29 46.7 0.5 58.4 7.4 Fall	Green_OUT	3-4	9/7/2013	17:36	0.32	0.017	0.755	1.93	13.7	5.2	77.0	6.8	Summer
Green_OUT 3-7 9/7/2013 19:06 0.18 0.012 0.048 2.14 77.0 3.3 100.0 6.8 Summer Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 0.410 2.02 383.7 0.4 86.1 7.3 Fall Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 0.138 2.29 46.7 0.5 58.4 7.4 Fall	Green_OUT	3-5	9/7/2013	18:06	0.29	0.016	0.328	1.06	78.3	0.2	55.0	6.7	Summer
Green_OUT 7-1 10/5/2013 7:12 0.08 0.006 0.410 2.02 383.7 0.4 86.1 7.3 Fall Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 0.138 2.29 46.7 0.5 58.4 7.4 Fall	Green_OUT	3-6	9/7/2013	18:36	0.31	0.017	0.703	1.65	13.0	2.8	74.0	6.8	Summer
Green_OUT 7-2 10/5/2013 7:42 0.13 0.010 0.138 2.29 46.7 0.5 58.4 7.4 Fall	Green_OUT	3-7	9/7/2013	19:06	0.18	0.012	0.048	2.14	77.0	3.3	100.0	6.8	Summer
	Green_OUT	7-1	10/5/2013	7:12	0.08	0.006	0.410	2.02	383.7	0.4	86.1	7.3	Fall
Green_OUT 7-3 10/5/2013 8:12 0.17 0.012 0.079 0.82 10.3 0.4 38.2 7.3 Fall	Green_OUT	7-2	10/5/2013	7:42	0.13	0.010	0.138	2.29	46.7	0.5	58.4	7.4	Fall
	Green_OUT	7-3	10/5/2013	8:12	0.17	0.012	0.079	0.82	10.3	0.4	38.2	7.3	Fall

Green OUT 7-4 10/5/2013 84.2 0.23 0.014 0.111 1.76 8.3 0.2 43.2 7.4 Fall Green OUT 7-5 10/5/2013 9:12 0.24 0.014 0.118 0.04 11.7 0.2 44.3 7.3 Fall Green OUT 7-7 10/5/2013 10-12 0.30 0.016 0.095 0.34 5.0 0.2 40.0 7.4 Fall Green OUT 7-8 10/5/2013 10-12 0.20 0.013 0.024 0.58 2.7 0.7 59.0 7.2 Fall Green OUT 7-3 10/5/2013 12:33 0.36 0.018 0.090 0.38 18.3 0.2 25.3 7.5 Fall Green OUT 7-11 10/5/2013 13:43 0.31 0.007 0.00 0.74 4.3 0.2 25.8 7.3 Fall Green OUT 7-12 10/5/2013 13:43 0.027 0.06													
Green_OUT 7-6 10/5/2013 9-42 0.23 0.014 0.118 0.44 11.7 0.2 44.3 7.3 Fall Green_OUT 7-7 10/5/2013 10:12 0.30 0.016 0.095 0.34 5.0 0.2 40.0 7.4 Fall Green_OUT 7-8 10/5/2013 12:13 0.37 0.019 0.111 0.38 49.7 0.2 26:3 7.6 Fall Green_OUT 7-10 10/5/2013 12:33 0.36 0.018 0.090 0.38 18.3 0.2 25.9 7.5 Fall Green_OUT 7-11 10/5/2013 13:33 0.31 0.018 0.05 6.7 0.2 36.8 7.4 Fall Green_OUT 7-13 10/5/2013 14:33 0.21 0.016 0.313 0.86 8.0 0.4 64.2 7.4 Fall Green_OUT 7-14 10/5/2013 14:33 0.22 0.016 0.189	Green_OUT	7-4	10/5/2013	8:42	0.23	0.014	0.111	1.76	8.3	0.2	43.2	7.4	Fall
Green_OUT 7-7 10/5/2013 10:12 0.30 0.016 0.095 0.34 5.0 0.2 40.0 7.4 Fall Green_OUT 7-8 10/5/2013 10:42 0.20 0.013 0.204 0.58 2.7 0.7 59.0 7.2 Fall Green_OUT 7-10 10/5/2013 12:43 0.35 0.018 0.090 0.38 18:3 0.2 25:9 7.5 Fall Green_OUT 7-11 10/5/2013 13:43 0.31 0.017 0.200 0.74 4.3 0.2 25:9 7.5 Fall Green_OUT 7-12 10/5/2013 13:43 0.31 0.017 0.200 0.74 4.3 0.2 25:8 7.3 Fall Green_OUT 7-14 10/5/2013 14:43 0.27 0.016 0.189 0.67 4.3 0.3 51:7 7.4 Fall Green_OUT 7-14 10/5/2013 15:43 0.22 0.09	Green_OUT	7-5	10/5/2013	9:12	0.24	0.014	0.132	0.65	4.3	0.2	45.5	7.4	Fall
Green OUT 7-8 10/5/2013 10.42 0.20 0.013 0.204 0.58 2.7 0.7 59.0 7.2 Fall Green OUT 7-9 10/5/2013 12:13 0.37 0.018 0.090 0.38 49.7 0.2 26.3 7.6 Fall Green OUT 7-10 10/5/2013 13:13 0.34 0.018 0.090 0.38 18.3 0.2 25.9 7.5 Fall Green OUT 7-11 10/5/2013 13:13 0.34 0.018 0.136 2.95 6.7 0.2 36.8 7.4 Fall Green OUT 7-12 10/5/2013 13:13 0.27 0.016 0.133 0.86 8.0 0.4 64.2 7.4 Fall Green OUT 7-15 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64.2 7.4 Fall Green OUT 7-16 10/5/2013 15:13 0.28 0.006	Green_OUT	7-6	10/5/2013	9:42	0.23	0.014	0.118	0.44	11.7	0.2	44.3	7.3	Fall
Green OUT 7-9 10/5/2013 12:13 0.37 0.019 0.111 0.38 49.7 0.2 26.3 7.6 Fall Green OUT 7-10 10/5/2013 12:43 0.36 0.018 0.090 0.38 18.3 0.2 25.9 7.5 Fall Green OUT 7-11 10/5/2013 13:13 0.34 0.018 0.0186 0.95 6.7 0.2 36.8 7.4 Fall Green OUT 7-12 10/5/2013 14:13 0.27 0.016 0.313 0.86 8.0 0.4 64.2 7.4 Fall Green OUT 7-14 10/5/2013 14:13 0.27 0.016 0.189 0.67 4.3 0.3 51.7 7.4 Fall Green OUT 7-15 10/5/2013 15:43 0.12 0.006 0.124 0.72 2.0 0.4 64.2 7.4 Fall Green OUT 8-1 10/29/2013 4:52 0.08 0.006	Green_OUT	7-7	10/5/2013	10:12	0.30	0.016	0.095	0.34	5.0	0.2	40.0	7.4	Fall
Green OUT 7-10 10/5/2013 12:43 0.36 0.018 0.090 0.38 18:3 0.2 25:9 7.5 Fall Green OUT 7-11 10/5/2013 13:13 0.34 0.018 0.136 2.95 6.7 0.2 36.8 7.4 Fall Green OUT 7-12 10/5/2013 13:43 0.017 0.200 0.74 4.3 0.2 52.8 7.3 Fall Green OUT 7-13 10/5/2013 14:43 0.27 0.016 0.313 0.86 8.0 0.4 64-2 7.4 Fall Green OUT 7-15 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64-2 7.4 Fall Green OUT 7-16 10/5/2013 15:13 0.12 0.009 0.249 0.77 0.7 1.0 80.1 7.5 Fall Green OUT 8-1 10/29/2013 4:52 0.08 0.006 0.150	Green_OUT	7-8	10/5/2013	10:42	0.20	0.013	0.204	0.58	2.7	0.7	59.0	7.2	Fall
Green OUT 7-11 10/5/2013 13:13 0.34 0.018 0.136 2.95 6.7 0.2 36.8 7.4 Fall Green OUT 7-12 10/5/2013 13:43 0.31 0.017 0.200 0.74 4.3 0.2 52.8 7.3 Fall Green OUT 7-13 10/5/2013 14:13 0.27 0.016 0.313 0.86 8.0 0.4 64-2 7.4 Fall Green OUT 7-14 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64-2 7.4 Fall Green OUT 7-16 10/5/2013 15:43 0.12 0.009 0.249 0.77 0.7 1.0 80.1 7.5 Fall Green OUT 8-1 10/29/2013 4:52 0.08 0.006 0.143 0.88 20.3 1.7 58.1 7.5 Fall Green OUT 8-3 10/29/2013 5:46 0.10 0.008	Green_OUT	7-9	10/5/2013	12:13	0.37	0.019	0.111	0.38	49.7	0.2	26.3	7.6	Fall
Green_OUT 7-12 10/5/2013 13:43 0.31 0.017 0.200 0.74 4.3 0.2 52.8 7.3 Fall Green_OUT 7-13 10/5/2013 14:13 0.27 0.016 0.313 0.86 8.0 0.4 64.2 7.4 Fall Green_OUT 7-14 10/5/2013 14:43 0.29 0.016 0.289 0.07 4.3 0.3 51.7 7.4 Fall Green_OUT 7-15 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64.2 7.4 Fall Green_OUT 7-16 10/5/2013 15:43 0.12 0.009 0.249 0.77 0.7 1.0 80.1 7.5 Fall Green_OUT 8-1 10/29/2013 4:52 0.08 0.006 0.150 0.74 7.3 1.6 64.9 7.5 Fall Green_OUT 8-2 10/29/2013 6:16 0.31 0.017	Green_OUT	7-10	10/5/2013	12:43	0.36	0.018	0.090	0.38	18.3	0.2	25.9	7.5	Fall
Green_OUT 7-13 10/5/2013 14:13 0.27 0.016 0.313 0.86 8.0 0.4 64:2 7.4 Fall Green_OUT 7-14 10/5/2013 14:43 0.29 0.016 0.189 0.67 4.3 0.3 51.7 7.4 Fall Green_OUT 7-15 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64:2 7.4 Fall Green_OUT 7-16 10/5/2013 15:43 0.12 0.009 0.249 0.77 1.0 80.1 7.5 Fall Green_OUT 8-1 10/29/2013 4:52 0.08 0.006 0.150 0.74 7.3 1.6 64.9 7.5 Fall Green_OUT 8-2 10/29/2013 5:46 0.10 0.008 0.102 0.63 26.3 2.1 69.9 7.5 Fall Green_OUT 8-4 10/29/2013 6:46 0.41 0.020 0.091	Green_OUT	7-11	10/5/2013	13:13	0.34	0.018	0.136	2.95	6.7	0.2	36.8	7.4	Fall
Green_OUT 7-14 10/5/2013 14:43 0.29 0.016 0.189 0.67 4.3 0.3 51.7 7.4 Fall Green_OUT 7-15 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64.2 7.4 Fall Green_OUT 7-16 10/5/2013 15:43 0.12 0.009 0.249 0.77 0.7 1.0 80.1 7.5 Fall Green_OUT 8-1 10/29/2013 4:52 0.08 0.006 0.143 0.88 20.3 1.7 58.1 7.5 Fall Green_OUT 8-2 10/29/2013 5:46 0.10 0.008 0.102 0.63 26:3 2.1 69.9 7.5 Fall Green_OUT 8-3 10/29/2013 5:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-5 10/29/2013 7:16 0.45 0.021	Green_OUT	7-12	10/5/2013	13:43	0.31	0.017	0.200	0.74	4.3	0.2	52.8	7.3	Fall
Green_OUT 7-15 10/5/2013 15:13 0.28 0.016 0.242 0.72 2.0 0.4 64.2 7.4 Fall Green_OUT 7-16 10/5/2013 15:43 0.12 0.009 0.249 0.77 0.7 1.0 80.1 7.5 Fall Green_OUT 8-1 10/29/2013 4:22 0.08 0.006 0.143 0.88 20.3 1.7 58.1 7.5 Fall Green_OUT 8-2 10/29/2013 4:52 0.08 0.006 0.150 0.74 7.3 1.6 64.9 7.5 Fall Green_OUT 8-3 10/29/2013 6:46 0.10 0.008 0.002 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-6 10/29/2013 6:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-6 10/29/2013 7:16 0.45	Green_OUT	7-13	10/5/2013	14:13	0.27	0.016	0.313	0.86	8.0	0.4	64.2	7.4	Fall
Green_OUT 7-16 10/5/2013 15:43 0.12 0.009 0.249 0.77 0.7 1.0 80.1 7.5 Fall Green_OUT 8.1 10/29/2013 4:22 0.08 0.006 0.143 0.88 20.3 1.7 58.1 7.5 Fall Green_OUT 8-2 10/29/2013 4:52 0.08 0.006 0.150 0.74 7.3 1.6 64.9 7.5 Fall Green_OUT 8-3 10/29/2013 6:46 0.10 0.008 0.102 0.63 26.3 2.1 69.9 7.5 Fall Green_OUT 8-5 10/29/2013 6:16 0.31 0.007 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-5 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 8:16 0.57 0.024	Green_OUT	7-14	10/5/2013	14:43	0.29	0.016	0.189	0.67	4.3	0.3	51.7	7.4	Fall
Green_OUT 8-1 10/29/2013 4:22 0.08 0.006 0.143 0.88 20.3 1.7 58.1 7.5 Fall Green_OUT 8-2 10/29/2013 4:52 0.08 0.006 0.150 0.74 7.3 1.6 64.9 7.5 Fall Green_OUT 8-3 10/29/2013 5:46 0.10 0.008 0.102 0.63 26.3 2.1 69.9 7.5 Fall Green_OUT 8-4 10/29/2013 6:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-5 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 8:16 0.55 0.023 0.114 0.41 51.0 0.5 29.2 7.5 Fall Green_OUT 8-8 10/29/2013 8:16 0.57 0.024	Green_OUT	7-15	10/5/2013	15:13	0.28	0.016	0.242	0.72	2.0	0.4	64.2	7.4	Fall
Green_OUT 8-2 10/29/2013 4:52 0.08 0.006 0.150 0.74 7.3 1.6 64.9 7.5 Fall Green_OUT 8-3 10/29/2013 5:46 0.10 0.008 0.102 0.63 26.3 2.1 69.9 7.5 Fall Green_OUT 8-4 10/29/2013 6:16 0.31 0.017 0.073 0.39 73.3 1.0 32.8 7.9 Fall Green_OUT 8-5 10/29/2013 6:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-6 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 8:16 0.57 0.024 0.133 0.41 18.3 0.7 30.6 7.4 Fall Green_OUT 8-9 10/29/2013 8:16 0.57 0.024	Green_OUT	7-16	10/5/2013	15:43	0.12	0.009	0.249	0.77	0.7	1.0	80.1	7.5	Fall
Green_OUT 8-3 10/29/2013 5:46 0.10 0.008 0.102 0.63 26.3 2.1 69.9 7.5 Fall Green_OUT 8-4 10/29/2013 6:16 0.31 0.017 0.073 0.39 73.3 1.0 32.8 7.9 Fall Green_OUT 8-5 10/29/2013 6:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-6 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 7:46 0.56 0.023 0.114 0.41 51.0 0.5 29.2 7.5 Fall Green_OUT 8-8 10/29/2013 8:16 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:16 0.54 0.023	Green_OUT	8-1	10/29/2013	4:22	0.08	0.006	0.143	0.88	20.3	1.7	58.1	7.5	Fall
Green_OUT 8-4 10/29/2013 6:16 0.31 0.017 0.073 0.39 73.3 1.0 32.8 7.9 Fall Green_OUT 8-5 10/29/2013 6:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-6 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 7:46 0.56 0.023 0.114 0.41 51.0 0.5 29.2 7.5 Fall Green_OUT 8-8 10/29/2013 8:16 0.57 0.024 0.133 0.41 18.3 0.7 30.6 7.4 Fall Green_OUT 8-9 10/29/2013 8:46 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:46 0.51 0.022	Green_OUT	8-2	10/29/2013	4:52	0.08	0.006	0.150	0.74	7.3	1.6	64.9	7.5	Fall
Green_OUT 8-5 10/29/2013 6:46 0.41 0.020 0.091 0.41 19.3 0.8 28.2 7.8 Fall Green_OUT 8-6 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 7:46 0.56 0.023 0.114 0.41 51.0 0.5 29.2 7.5 Fall Green_OUT 8-8 10/29/2013 8:16 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-9 10/29/2013 8:46 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:16 0.54 0.023 0.222 0.50 10.0 1.0 34.6 7.2 Fall Green_OUT 8-11 10/29/2013 10:16 0.54 0.022	Green_OUT	8-3	10/29/2013	5:46	0.10	0.008	0.102	0.63	26.3	2.1	69.9	7.5	Fall
Green_OUT 8-6 10/29/2013 7:16 0.45 0.021 0.095 0.37 25.0 0.4 29.8 7.6 Fall Green_OUT 8-7 10/29/2013 7:46 0.56 0.023 0.114 0.41 51.0 0.5 29.2 7.5 Fall Green_OUT 8-8 10/29/2013 8:16 0.57 0.024 0.133 0.41 18.3 0.7 30.6 7.4 Fall Green_OUT 8-9 10/29/2013 8:46 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:16 0.54 0.023 0.222 0.50 10.0 1.0 34.6 7.2 Fall Green_OUT 8-11 10/29/2013 9:46 0.51 0.022 0.196 0.48 10.3 0.8 34.8 7.1 Fall Green_OUT 8-12 10/29/2013 10:16 0.49 0.022	Green_OUT	8-4	10/29/2013	6:16	0.31	0.017	0.073	0.39	73.3	1.0	32.8	7.9	Fall
Green_OUT 8-7 10/29/2013 7:46 0.56 0.023 0.114 0.41 51.0 0.5 29.2 7.5 Fall Green_OUT 8-8 10/29/2013 8:16 0.57 0.024 0.133 0.41 18.3 0.7 30.6 7.4 Fall Green_OUT 8-9 10/29/2013 8:46 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:46 0.54 0.023 0.222 0.50 10.0 1.0 34.6 7.2 Fall Green_OUT 8-11 10/29/2013 9:46 0.51 0.022 0.177 0.48 10.3 0.8 34.8 7.1 Fall Green_OUT 8-12 10/29/2013 10:16 0.49 0.022 0.177 0.48 8.3 1.1 35.4 7.1 Fall Green_OUT 8-13 10/29/2013 11:16 0.46 0.021 <td>Green_OUT</td> <td>8-5</td> <td>10/29/2013</td> <td>6:46</td> <td>0.41</td> <td>0.020</td> <td>0.091</td> <td>0.41</td> <td>19.3</td> <td>0.8</td> <td>28.2</td> <td>7.8</td> <td>Fall</td>	Green_OUT	8-5	10/29/2013	6:46	0.41	0.020	0.091	0.41	19.3	0.8	28.2	7.8	Fall
Green_OUT 8-8 10/29/2013 8:16 0.57 0.024 0.133 0.41 18.3 0.7 30.6 7.4 Fall Green_OUT 8-9 10/29/2013 8:46 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:16 0.54 0.023 0.222 0.50 10.0 1.0 34.6 7.2 Fall Green_OUT 8-11 10/29/2013 9:46 0.51 0.022 0.177 0.48 10.3 0.8 34.8 7.1 Fall Green_OUT 8-12 10/29/2013 10:16 0.49 0.022 0.177 0.48 8.3 1.1 35.4 7.1 Fall Green_OUT 8-13 10/29/2013 10:46 0.46 0.021 0.202 0.52 7.7 1.0 37.3 7.1 Fall Green_OUT 8-14 10/29/2013 11:46 0.43 0.020 <td>Green_OUT</td> <td>8-6</td> <td>10/29/2013</td> <td>7:16</td> <td>0.45</td> <td>0.021</td> <td>0.095</td> <td>0.37</td> <td>25.0</td> <td>0.4</td> <td>29.8</td> <td>7.6</td> <td>Fall</td>	Green_OUT	8-6	10/29/2013	7:16	0.45	0.021	0.095	0.37	25.0	0.4	29.8	7.6	Fall
Green_OUT 8-9 10/29/2013 8:46 0.57 0.024 0.216 0.10 9.3 0.5 31.3 7.3 Fall Green_OUT 8-10 10/29/2013 9:16 0.54 0.023 0.222 0.50 10.0 1.0 34.6 7.2 Fall Green_OUT 8-11 10/29/2013 9:46 0.51 0.022 0.196 0.48 10.3 0.8 34.8 7.1 Fall Green_OUT 8-12 10/29/2013 10:16 0.49 0.022 0.177 0.48 8.3 1.1 35.4 7.1 Fall Green_OUT 8-13 10/29/2013 10:46 0.46 0.021 0.202 0.52 7.7 1.0 37.3 7.1 Fall Green_OUT 8-14 10/29/2013 11:16 0.45 0.021 0.157 0.59 6.3 0.9 38.1 7.1 Fall Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 </td <td>Green_OUT</td> <td>8-7</td> <td>10/29/2013</td> <td>7:46</td> <td>0.56</td> <td>0.023</td> <td>0.114</td> <td>0.41</td> <td>51.0</td> <td>0.5</td> <td>29.2</td> <td>7.5</td> <td>Fall</td>	Green_OUT	8-7	10/29/2013	7:46	0.56	0.023	0.114	0.41	51.0	0.5	29.2	7.5	Fall
Green_OUT 8-10 10/29/2013 9:16 0.54 0.023 0.222 0.50 10.0 1.0 34.6 7.2 Fall Green_OUT 8-11 10/29/2013 9:46 0.51 0.022 0.196 0.48 10.3 0.8 34.8 7.1 Fall Green_OUT 8-12 10/29/2013 10:16 0.49 0.022 0.177 0.48 8.3 1.1 35.4 7.1 Fall Green_OUT 8-13 10/29/2013 10:46 0.46 0.021 0.202 0.52 7.7 1.0 37.3 7.1 Fall Green_OUT 8-14 10/29/2013 11:16 0.45 0.021 0.157 0.59 6.3 0.9 38.1 7.1 Fall Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 0.141 0.57 9.0 1.6 48.5 7.2 Fall Green_OUT 8-16 10/29/2013 12:16 0.41 0.020	Green_OUT	8-8	10/29/2013	8:16	0.57	0.024	0.133	0.41	18.3	0.7	30.6	7.4	Fall
Green_OUT 8-11 10/29/2013 9:46 0.51 0.022 0.196 0.48 10.3 0.8 34.8 7.1 Fall Green_OUT 8-12 10/29/2013 10:16 0.49 0.022 0.177 0.48 8.3 1.1 35.4 7.1 Fall Green_OUT 8-13 10/29/2013 10:46 0.46 0.021 0.202 0.52 7.7 1.0 37.3 7.1 Fall Green_OUT 8-14 10/29/2013 11:16 0.45 0.021 0.157 0.59 6.3 0.9 38.1 7.1 Fall Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 0.141 0.57 9.0 1.6 48.5 7.2 Fall Green_OUT 8-16 10/29/2013 12:16 0.41 0.020 0.157 0.43 6.3 1.5 49.6 7.2 Fall Green_OUT 8-17 10/29/2013 13:16 0.40 0.019	Green_OUT	8-9	10/29/2013	8:46	0.57	0.024	0.216	0.10	9.3	0.5	31.3	7.3	Fall
Green_OUT 8-12 10/29/2013 10:16 0.49 0.022 0.177 0.48 8.3 1.1 35.4 7.1 Fall Green_OUT 8-13 10/29/2013 10:46 0.46 0.021 0.202 0.52 7.7 1.0 37.3 7.1 Fall Green_OUT 8-14 10/29/2013 11:16 0.45 0.021 0.157 0.59 6.3 0.9 38.1 7.1 Fall Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 0.141 0.57 9.0 1.6 48.5 7.2 Fall Green_OUT 8-16 10/29/2013 12:16 0.41 0.020 0.157 0.43 6.3 1.5 49.6 7.2 Fall Green_OUT 8-17 10/29/2013 12:46 0.39 0.019 0.192 0.65 4.3 2.0 61.0 7.2 Fall Green_OUT 8-18 10/29/2013 13:46 0.38 0.019	Green_OUT	8-10	10/29/2013	9:16	0.54	0.023	0.222	0.50	10.0	1.0	34.6	7.2	Fall
Green_OUT 8-13 10/29/2013 10:46 0.46 0.021 0.202 0.52 7.7 1.0 37.3 7.1 Fall Green_OUT 8-14 10/29/2013 11:16 0.45 0.021 0.157 0.59 6.3 0.9 38.1 7.1 Fall Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 0.141 0.57 9.0 1.6 48.5 7.2 Fall Green_OUT 8-16 10/29/2013 12:16 0.41 0.020 0.157 0.43 6.3 1.5 49.6 7.2 Fall Green_OUT 8-17 10/29/2013 12:46 0.39 0.019 0.192 0.65 4.3 2.0 61.0 7.2 Fall Green_OUT 8-18 10/29/2013 13:16 0.40 0.019 0.085 0.39 33.7 1.4 42.4 7.4 Fall Green_OUT 8-19 10/29/2013 13:46 0.38 0.01	Green_OUT	8-11	10/29/2013	9:46	0.51	0.022	0.196	0.48	10.3	0.8	34.8	7.1	Fall
Green_OUT 8-14 10/29/2013 11:16 0.45 0.021 0.157 0.59 6.3 0.9 38.1 7.1 Fall Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 0.141 0.57 9.0 1.6 48.5 7.2 Fall Green_OUT 8-16 10/29/2013 12:16 0.41 0.020 0.157 0.43 6.3 1.5 49.6 7.2 Fall Green_OUT 8-17 10/29/2013 12:46 0.39 0.019 0.192 0.65 4.3 2.0 61.0 7.2 Fall Green_OUT 8-18 10/29/2013 13:16 0.40 0.019 0.085 0.39 33.7 1.4 42.4 7.4 Fall Green_OUT 8-19 10/29/2013 13:46 0.38 0.019 0.161 0.52 8.7 1.7 59.9 7.4 Fall Green_OUT 8-20 10/29/2013 14:16 0.36 0.01	Green_OUT	8-12	10/29/2013	10:16	0.49	0.022	0.177	0.48	8.3	1.1	35.4	7.1	Fall
Green_OUT 8-15 10/29/2013 11:46 0.43 0.020 0.141 0.57 9.0 1.6 48.5 7.2 Fall Green_OUT 8-16 10/29/2013 12:16 0.41 0.020 0.157 0.43 6.3 1.5 49.6 7.2 Fall Green_OUT 8-17 10/29/2013 12:46 0.39 0.019 0.192 0.65 4.3 2.0 61.0 7.2 Fall Green_OUT 8-18 10/29/2013 13:16 0.40 0.019 0.085 0.39 33.7 1.4 42.4 7.4 Fall Green_OUT 8-19 10/29/2013 13:46 0.38 0.019 0.161 0.52 8.7 1.7 59.9 7.4 Fall Green_OUT 8-20 10/29/2013 14:16 0.36 0.018 0.150 0.41 3.0 2.5 68.3 7.3 Fall Green_OUT 8-21 10/29/2013 14:46 0.34 0.01	Green_OUT	8-13	10/29/2013	10:46	0.46	0.021	0.202	0.52	7.7	1.0	37.3	7.1	Fall
Green_OUT 8-16 10/29/2013 12:16 0.41 0.020 0.157 0.43 6.3 1.5 49.6 7.2 Fall Green_OUT 8-17 10/29/2013 12:46 0.39 0.019 0.192 0.65 4.3 2.0 61.0 7.2 Fall Green_OUT 8-18 10/29/2013 13:16 0.40 0.019 0.085 0.39 33.7 1.4 42.4 7.4 Fall Green_OUT 8-19 10/29/2013 13:46 0.38 0.019 0.161 0.52 8.7 1.7 59.9 7.4 Fall Green_OUT 8-20 10/29/2013 14:16 0.36 0.018 0.150 0.41 3.0 2.5 68.3 7.3 Fall Green_OUT 8-21 10/29/2013 14:46 0.34 0.018 0.231 0.52 8.0 2.0 70.6 7.3 Fall	Green_OUT	8-14	10/29/2013	11:16	0.45	0.021	0.157	0.59	6.3	0.9	38.1	7.1	Fall
Green_OUT 8-17 10/29/2013 12:46 0.39 0.019 0.192 0.65 4.3 2.0 61.0 7.2 Fall Green_OUT 8-18 10/29/2013 13:16 0.40 0.019 0.085 0.39 33.7 1.4 42.4 7.4 Fall Green_OUT 8-19 10/29/2013 13:46 0.38 0.019 0.161 0.52 8.7 1.7 59.9 7.4 Fall Green_OUT 8-20 10/29/2013 14:16 0.36 0.018 0.150 0.41 3.0 2.5 68.3 7.3 Fall Green_OUT 8-21 10/29/2013 14:46 0.34 0.018 0.231 0.52 8.0 2.0 70.6 7.3 Fall	Green_OUT	8-15	10/29/2013	11:46	0.43	0.020	0.141	0.57	9.0	1.6	48.5	7.2	Fall
Green_OUT 8-18 10/29/2013 13:16 0.40 0.019 0.085 0.39 33.7 1.4 42.4 7.4 Fall Green_OUT 8-19 10/29/2013 13:46 0.38 0.019 0.161 0.52 8.7 1.7 59.9 7.4 Fall Green_OUT 8-20 10/29/2013 14:16 0.36 0.018 0.150 0.41 3.0 2.5 68.3 7.3 Fall Green_OUT 8-21 10/29/2013 14:46 0.34 0.018 0.231 0.52 8.0 2.0 70.6 7.3 Fall	Green_OUT	8-16	10/29/2013	12:16	0.41	0.020	0.157	0.43	6.3	1.5	49.6	7.2	Fall
Green_OUT 8-19 10/29/2013 13:46 0.38 0.019 0.161 0.52 8.7 1.7 59.9 7.4 Fall Green_OUT 8-20 10/29/2013 14:16 0.36 0.018 0.150 0.41 3.0 2.5 68.3 7.3 Fall Green_OUT 8-21 10/29/2013 14:46 0.34 0.018 0.231 0.52 8.0 2.0 70.6 7.3 Fall	Green_OUT	8-17	10/29/2013	12:46	0.39	0.019	0.192	0.65	4.3	2.0	61.0	7.2	Fall
Green_OUT 8-20 10/29/2013 14:16 0.36 0.018 0.150 0.41 3.0 2.5 68.3 7.3 Fall Green_OUT 8-21 10/29/2013 14:46 0.34 0.018 0.231 0.52 8.0 2.0 70.6 7.3 Fall	Green_OUT	8-18	10/29/2013	13:16	0.40	0.019	0.085	0.39	33.7	1.4	42.4	7.4	Fall
Green_OUT 8-21 10/29/2013 14:46 0.34 0.018 0.231 0.52 8.0 2.0 70.6 7.3 Fall	Green_OUT	8-19	10/29/2013	13:46	0.38	0.019	0.161	0.52	8.7	1.7	59.9	7.4	Fall
	Green_OUT	8-20	10/29/2013	14:16	0.36	0.018	0.150	0.41	3.0	2.5	68.3	7.3	Fall
Green_OUT 8-22 10/29/2013 15:16 0.30 0.016 0.354 0.70 4.7 2.8 96.5 7.3 Fall	Green_OUT	8-21	10/29/2013	14:46	0.34	0.018	0.231	0.52	8.0	2.0	70.6	7.3	Fall
	Green_OUT	8-22	10/29/2013	15:16	0.30	0.016	0.354	0.70	4.7	2.8	96.5	7.3	Fall

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Green_OUT	9-1	11/21/2013	9:44	0.17	0.012	0.136	0.80	14.7	0.7	47.3	7.1	Fall
Green_OUT	9-2	11/21/2013	10:14	0.30	0.016	0.101	0.43	20.3	0.4	36.1	7.1	Fall
Green_OUT	9-3	11/21/2013	10:44	0.31	0.017	0.102	0.43	14.7	0.4	37.7	7.2	Fall
Green_OUT	9-4	11/21/2013	11:14	0.39	0.019	0.146	0.37	20.7	0.6	30.7	7.2	Fall
Green_OUT	9-5	11/21/2013	11:44	0.38	0.019	0.144	0.45	7.3	0.5	32.5	7.1	Fall
Green_OUT	9-6	11/21/2013	12:14	0.36	0.018	0.185	0.69	6.7	1.0	47.2	7.1	Fall
Green_OUT	9-7	11/21/2013	12:44	0.33	0.017	0.277	0.86	7.3	1.6	59.9	7.1	Fall
Green_OUT	9-8	11/21/2013	13:14	0.25	0.015	0.393	1.06	11.3	2.5	85.4	7.0	Fall
Green_OUT	10-1	3/16/2014	3:27	0.11	0.009	2.830	1.57	3,128.0	65.6	348.0	8.0	Winter
Green_OUT	10-2	3/16/2014	3:57	0.27	0.016	0.214	1.25	136.0	36.5	187.9	8.2	Winter
Green_OUT	10-3	3/16/2014	4:27	0.26	0.015	0.179	1.43	31.3	22.1	148.7	8.1	Winter
Green_OUT	10-4	3/16/2014	4:57	0.23	0.014	0.128	1.45	16.7	29.9	189.0	7.9	Winter
Green_OUT	10-5	3/16/2014	5:27	0.29	0.007	0.120	1.02	73.0	16.5	115.5	8.1	Winter
Green_OUT	10-6	3/16/2014	5:57	0.31	0.007	0.078	0.96	14.0	12.4	97.6	8.1	Winter
Green_OUT	10-7	3/16/2014	6:27	0.32	0.007	0.070	1.02	10.9	14.6	111.0	7.9	Winter
Green_OUT	10-8	3/16/2014	6:57	0.32	0.007	0.066	1.35	15.0	15.0	123.2	7.8	Winter
Green_OUT	10-9	3/16/2014	7:27	0.32	0.007	0.077	0.90	12.0	14.3	122.6	7.8	Winter
Green_OUT	10-10	3/16/2014	7:57	0.32	0.007	0.077	0.88	6.7	13.7	120.6	7.7	Winter
Green_OUT	10-11	3/16/2014	8:27	0.32	0.007	0.084	0.52	8.3	14.2	126.9	7.7	Winter
Green_OUT	10-12	3/16/2014	8:57	0.31	0.007	0.091	0.86	7.0	10.4	117.4	7.7	Winter
Green_OUT	10-13	3/16/2014	9:27	0.31	0.007	0.132	0.90	6.0	10.8	126.7	7.6	Winter
Green_OUT	10-14	3/16/2014	9:57	0.30	0.007	0.101	0.88	5.3	11.8	123.8	7.6	Winter
Green_OUT	10-15	3/16/2014	10:27	0.28	0.006	0.120	0.50	4.7	10.0	128.9	7.6	Winter
Green_OUT	11-1	4/3/2014	18:14	0.15	0.011	2.485	9.61	2,859.3	32.3	209.0	7.8	Spring
Green_OUT	11-2	4/3/2014	18:44	0.29	0.016	0.662	3.82	297.3	11.4	94.2	7.9	Spring
Green_OUT	11-3	4/3/2014	19:14	0.31	0.017	0.058	1.55	106.7	9.8	89.2	8.0	Spring
Green_OUT	11-4	4/3/2014	19:44	0.28	0.016	0.172	0.59	23.7	11.9	130.2	7.7	Spring
Green_OUT	11-5	4/3/2014	20:14	0.12	0.009	0.206	1.37	29.3	10.3	132.3	7.6	Spring
Green_OUT	12-1	5/8/2014	15:09	0.05	0.003	1.391	1.56	521.0	25.6	410.0	6.7	Spring
Green_OUT	12-2	5/8/2014	15:39	0.14	0.010	0.452	1.45	122.5	12.3	126.2	7.1	Spring
Green_OUT	12-3	5/8/2014	16:09	0.17	0.012	0.270	0.31	34.7	7.7	86.5	7.3	Spring
Green_OUT	12-4	5/8/2014	16:39	0.15	0.011	0.198	0.96	26.0	6.0	78.0	7.5	Spring
Green_OUT	12-5	5/8/2014	17:09	0.10	0.008	0.188	1.34	12.3	5.8	95.6	7.5	Spring
Green_OUT	12-6	5/8/2014	17:39	0.07	0.006	0.179	2.04	4.7	4.8	102.2	7.6	Spring
Green_OUT	12-7	5/9/2014	2:56	0.06	0.004	1.974	8.09	2,265.3	6.1	158.1	7.7	Spring

Green_OUT	12-8	5/9/2014	3:26	0.07	0.005	0.186	1.20	91.0	6.3	81.2	8.0	Spring
Green_OUT	12-9	5/9/2014	7:16	0.08	0.006	1.892	3.77	2,896.7	1.1	67.8	8.1	Spring
Green_OUT	12-10	5/9/2014	7:46	0.36	0.018	0.319	1.48	356.0	1.9	43.4	8.1	Spring
Green_OUT	12-11	5/9/2014	8:16	0.32	0.017	0.169	1.06	40.7	1.6	51.2	7.3	Spring
Green_OUT	12-12	5/9/2014	8:46	0.22	0.014	0.119	0.93	21.3	1.8	66.2	7.0	Spring
Green_OUT	12-13	5/9/2014	9:16	0.07	0.005	0.104	0.97	16.0	1.6	75.2	6.7	Spring
Green_OUT	13-2	5/12/2014	18:20	0.33	0.017	0.169	0.84	34.0	5.6	55.4	6.4	Spring
Green_OUT	13-3	5/12/2014	18:50	0.17	0.012	0.267	1.28	34.0	7.5	101.5	6.7	Spring
Green_OUT	13-4	5/12/2014	19:20	0.17	0.012	0.190	1.08	16.0	6.7	97.4	6.9	Spring
Green_OUT	13-5	5/12/2014	19:50	0.19	0.013	0.173	0.86	20.3	5.8	95.2	7.0	Spring
Green_OUT	13-6	5/12/2014	20:20	0.14	0.010	0.170	1.01	6.0	5.4	105.0	7.1	Spring
Green_OUT	13-7	5/12/2014	20:50	0.12	0.009	0.176	1.01	4.3	6.2	118.7	7.1	Spring
Green_OUT	13-8	5/12/2014	21:20	0.10	0.008	0.181	1.12	5.3	6.2	130.4	7.2	Spring
Green_OUT	13-9	5/12/2014	21:50	0.10	0.007	0.161	1.06	6.7	6.8	132.8	7.3	Spring
Green_OUT	13-10	5/12/2014	22:20	0.14	0.010	0.115	0.88	3.7	5.6	111.9	7.4	Spring
Green_OUT	13-11	5/12/2014	22:50	0.14	0.010	0.117	0.86	3.0	5.3	116.3	7.4	Spring
Green_OUT	14-1	6/4/2014	22:48	0.16	0.011	0.318	2.96	879.3	2.6	130.6	6.6	Spring
Green_OUT	14-2	6/4/2014	23:18	0.19	0.013	0.194	1.87	67.3	4.3	40.3	6.3	Spring
Green_OUT	14-3	6/4/2014	23:48	0.31	0.017	0.115	0.76	22.7	2.6	47.4	6.3	Spring
Green_OUT	14-4	6/5/2014	0:18	0.24	0.015	0.229	1.34	11.7	4.3	141.7	6.5	Spring
Green_OUT	14-5	6/5/2014	0:48	0.10	0.008	0.305	1.50	12.7	4.5	52.4	6.7	Spring
Green_OUT	14-6	6/5/2014	1:18	0.08	0.006	0.326	1.68	6.0	4.1	86.3	6.9	Spring

Table 22. Greenwood-IN Post-Implementation Water Quality Data

Table 22. G	reenwooa-	-IIN Post-Imp	nemen	tation wa	ater Qua	iiity Data	T	Т		T		
Site	Sample ID	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC uS/cm)	рН	Season
Green_IN	15-1	10/9/2014	15:18	0.05	0.014	0.148	0.85	471.0	5.7	76.5	7.2	Fall
Green_IN	15-2	10/9/2014	15:36	0.04	0.013	0.093	0.53	39.0	3.6	48.5	7.4	Fall
Green_IN	16-1	11/23/2014	19:13	0.03	0.009	0.188	1.03	428.0	4.8	59.4	7.5	Fall
Green_IN	16-2	11/23/2014	19:21	0.04	0.011	0.148	0.90	210.0	3.4	48.7	6.5	Fall
Green_IN	16-3	11/23/2014	19:27	0.04	0.011	0.166	0.86	168.0	2.5	42.2	7.2	Fall
Green_IN	16-4	11/23/2014	21:03	0.03	0.009	0.082	1.07	88.7	2.7	54.9	7.0	Fall
Green_IN	16-5	11/23/2014	21:37	0.03	0.009	0.156	0.39	19.5	1.6	47.1	7.4	Fall
Green_IN	16-6	11/23/2014	21:38	0.03	0.009	0.155	0.37	9.7	1.9	46.2	7.4	Fall
Green_IN	17-1	12/14/2014	22:37	0.04	0.013	0.294	2.35	494.0	20.5	120.6	8.1	Fall
Green_IN	17-2	12/14/2014	22:48	0.03	0.009	0.136	1.20	165.3	7.0	58.0	8.4	Fall
Green_IN	17-3	12/14/2014	22:52	0.03	0.009	0.148	0.87	81.3	7.6	60.8	8.3	Fall
Green_IN	17-4	12/14/2014	22:54	0.03	0.009	0.151	0.96	56.7	6.5	54.6	8.2	Fall
Green_IN	17-5	12/14/2014	22:56	0.03	0.009	0.136	0.37	38.7	5.1	50.0	8.1	Fall
Green_IN	17-6	12/14/2014	23:26	0.03	0.009	0.117	0.61	10.7	4.8	50.5	7.9	Fall
Green_IN	17-7	12/14/2014	23:57	0.03	0.010	0.090	0.39	25.3	7.0	65.9	7.8	Fall
Green_IN	17-8	12/15/2014	0:06	0.04	0.011	0.082	0.33	23.3	4.5	52.8	7.9	Fall
Green_IN	17-9	12/15/2014	0:48	0.03	0.009	0.117	0.28	20.0	3.7	49.9	7.8	Fall
Green_IN	17-10	12/15/2014	0:51	0.04	0.011	0.114	0.44	14.0	4.3	51.1	7.7	Fall
Green_IN	18-1	3/25/2015	17:26	0.05	0.016	1.838	3.30	2,218.0	23.5	173.2	7.5	Spring
Green_IN	18-2	3/25/2015	17:41	0.05	0.015	0.433	2.23	333.0	10.3	91.5	7.9	Spring
Green_IN	18-3	3/25/2015	17:56	0.05	0.015	0.200	1.56	66.7	21.2	139.0	7.9	Spring
Green_IN	18-4	3/25/2015	18:11	0.05	0.015	0.205	1.46	156.7	16.1	117.6	7.8	Spring
Green_IN	18-5	3/25/2015	18:26	0.04	0.014	0.114	1.39	45.3	16.3	126.0	7.9	Spring
Green_IN	18-6	3/25/2015	18:41	0.04	0.014	0.124	1.52	26.5	21.1	137.4	7.7	Spring
Green_IN	18-7	3/25/2015	18:56	0.04	0.014	0.128	1.70	36.0	21.5	154.5	7.8	Spring
Green_IN	18-8	3/25/2015	19:11	0.04	0.014	0.100	1.58	29.0	22.7	163.2	7.7	Spring
Green_IN	18-9	3/25/2015	19:26	0.06	0.021	0.616	1.94	733.0	10.9	100.3	7.9	Spring
Green_IN	18-10	3/25/2015	19:41	0.05	0.018	0.048	3.39	141.3	6.7	71.9	8.0	Spring
Green_IN	18-11	3/25/2015	19:56	0.05	0.018	0.326	0.81	108.5	9.0	65.4	8.1	Spring
Green_IN	18-12	3/25/2015	20:11	0.05	0.018	0.129	0.79	94.5	9.5	72.3	8.2	Spring
Green_IN	18-13	3/25/2015	20:26	0.05	0.014	0.108	0.85	60.5	10.2	76.9	8.2	Spring
Green_IN	18-14	3/25/2015	20:41	0.05	0.016	0.110	0.90	141.0	10.7	81.5	8.2	Spring
Green_IN	18-15	3/25/2015	20:56	0.05	0.018	0.112	0.68	109.5	9.4	75.0	8.2	Spring

Green_IN 18-16 3/25/2015 21:10 0.06 0.019 0.156 0.72 177.3 6.9 62.9 8.3 Spring Green_IN 18-17 3/25/2015 21:26 0.05 0.018 0.108 0.58 100.5 8.4 67.9 8.3 Spring Green_IN 18-18 3/25/2015 22:14 0.05 0.017 0.097 0.68 99.5 8.7 73.2 8.2 Spring Green_IN 18-20 3/25/2015 22:11 0.06 0.019 0.124 0.72 252.7 6.9 62.3 8.3 Spring Green_IN 18-22 3/25/2015 22:24 0.05 0.015 0.095 0.62 21:55 12.2 82.8 8.1 Spring Green_IN 18-22 3/25/2015 22:246 0.05 0.015 0.099 0.66 30.0 15.5 102.5 7.9 Spring Green_IN 19-1 4/1/2015 13-56 0.05													
Green IN 18-18 3/25/2015 21:41 0.05 0.017 0.095 0.64 64.5 9.7 73.8 8.2 Spring Green IN 18-19 3/25/2015 21:56 0.05 0.017 0.097 0.68 93.5 8.7 73.2 8.2 Spring Green IN 18-20 3/25/2015 22:11 0.066 0.019 0.124 0.72 25.77 6.9 6.2 8.3 Spring Green IN 18-21 3/25/2015 22:26 0.06 0.019 0.159 1.06 165.3 6.6 62.0 8.3 Spring Green IN 18-22 3/25/2015 22:41 0.05 0.015 0.095 0.62 215.5 12.2 82.8 8.1 Spring Green IN 18-23 3/25/2015 22:41 0.05 0.015 0.095 0.62 215.5 12.2 82.8 8.1 Spring Green IN 18-23 3/25/2015 22:41 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green IN 19-14 4/1/2015 13:56 0.05 0.017 1.128 5.10 2.626.0 15.7 238.0 7.1 Spring Green IN 19-1 4/1/2015 13:56 0.05 0.017 1.128 5.10 2.626.0 15.7 238.0 7.1 Spring Green IN 19-2 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green IN 19-3 4/1/2015 14:56 0.04 0.014 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green IN 19-4 4/1/2015 15:11 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green IN 19-5 4/1/2015 15:11 0.04 0.011 0.079 0.86 11.0 10.4 81.1 7.3 Spring Green IN 19-6 4/1/2015 15:14 0.04 0.011 0.079 1.31 4.0 11.5 19.8 7.2 Spring Green IN 19-6 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.3 10.0 7.1 Spring Green IN 19-9 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.3 10.0 7.1 Spring Green IN 19-9 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.3 10.0 7.1 Spring Green IN 19-9 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.3 10.0 7.1 Spring Green IN 19-9 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.3 10.0 7.1 Spring Green IN 19-9 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.3 10.0 7.1 Spring Green IN 19-9 4/1/2015 15:16 0.04 0.011 0.078 1.40 3.5 13.8 0.00 7.0 Spring Green IN 19-12 4/1/2015 15:16 0.04 0.011 0.078 1.66 118.0 19.5 18.0 7.1 Spring Green IN 19-12 4/1/2015 15:6 0.04 0.011 0.078 1.64 10.0 29.2 17.5 7.7 5.2 Spring Green IN 19-12 4/1/2015 15:65 0.04 0.011 0.087 1.64 10.0 29.2 17.5 7.7 5.2 Spring Green IN 19-12 4/1/2015 15:65 0.04 0.011 0.087 1.66 118.0 19.5 18.5 1.00 1.52 7.2 Spring Green IN 20-1 4/15/2015 6:38 0.07 0.026 0.612 2.93 2.43 6.0 1.00 1.00 1.52 7.	Green_IN	18-16	3/25/2015	21:11	0.06	0.019	0.156	0.72	177.3	6.9	62.9	8.3	Spring
Green IN 18-19 3/25/2015 21:56 0.05 0.017 0.097 0.68 93.5 8.7 73.2 8.2 Spring Green IN 18-20 3/25/2015 22:11 0.06 0.019 0.124 0.72 252.7 6.9 62.3 8.3 Spring Green IN 18-21 3/25/2015 22:41 0.05 0.019 0.159 1.06 165.3 6.6 6.2 0.8 8.3 Spring Green IN 18-22 3/25/2015 22:41 0.05 0.015 0.095 0.62 21:55 12.2 82.8 8.1 Spring Green IN 18-23 3/25/2015 22:41 0.05 0.015 0.095 0.62 21:55 12.2 82.8 8.1 Spring Green IN 18-23 3/25/2015 22:56 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green IN 18-24 3/25/2015 23:11 0.04 0.014 0.079 0.66 30.0 15.5 102.5 7.9 Spring Green IN 19-1 4/1/2015 13:56 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green IN 19-1 4/1/2015 14:26 0.05 0.016 0.110 12.9 46.0 7.3 78.9 7.3 Spring Green IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green IN 19-5 4/1/2015 15:11 0.04 0.011 0.071 0.86 11.0 1.0 4 8.11. 7.3 Spring Green IN 19-5 4/1/2015 15:14 0.04 0.011 0.072 0.86 11.0 1.0 1.0 1.0 1.1 1.5 91.8 7.2 Spring Green IN 19-6 4/1/2015 15:41 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green IN 19-6 4/1/2015 15:41 0.04 0.011 0.078 1.140 3.5 13.3 10.0 1 7.1 Spring Green IN 19-8 4/1/2015 15:41 0.04 0.011 0.078 1.140 3.5 13.3 10.0 1 7.1 Spring Green IN 19-8 4/1/2015 15:41 0.04 0.011 0.078 1.140 3.5 13.3 10.0 1 7.1 Spring Green IN 19-9 4/1/2015 16:11 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-1 4/1/2015 16:11 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-1 4/1/2015 16:11 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-1 4/1/2015 16:11 0.04 0.011 0.087 1.66 118.0 19-5 18.0 7 7.1 Spring Green IN 19-10 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19-5 18.0 7 7.1 Spring Green IN 19-10 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19-5 18.0 7 7.1 Spring Green IN 20-1 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19-5 18.0 7 7.2 Spring Green IN 20-1 4/1/2015 16:56 0.04 0.011 0.088 1.64 10.0 22.4 17.4 17.5 3 7.2 Spring Green IN 20-1 4/1/2015 6:33 0.07 0.026 0.612 2.93 124.0	Green_IN	18-17	3/25/2015	21:26	0.05	0.018	0.108	0.58	100.5	8.4	67.9	8.3	Spring
Green IN 18-20 3/25/2015 22:11 0.06 0.019 0.124 0.72 25:2.7 6.9 62.3 8.3 Spring Green IN 18-21 3/25/2015 22:26 0.06 0.019 0.159 1.06 165.3 6.6 6.20 8.3 Spring Green IN 18-22 3/25/2015 22:41 0.05 0.015 0.095 0.62 215.5 12.2 82.8 8.1 Spring Green IN 18-23 3/25/2015 22:45 0.05 0.015 0.095 0.62 215.5 12.2 82.8 8.1 Spring Green IN 18-24 3/25/2015 22:56 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green IN 18-24 3/25/2015 23:11 0.04 0.014 0.079 0.66 30.0 15.5 102.5 7.9 Spring Green IN 19-1 41/2015 13:56 0.05 0.017 1.128 5.10 2,626.0 15.7 238.0 7.1 Spring Green IN 19-1 41/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green IN 19-3 41/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green IN 19-4 41/2015 14:56 0.04 0.011 0.071 0.366 11.0 10.4 81.1 7.3 Spring Green IN 19-4 41/2015 15:51 0.04 0.011 0.073 1.31 4.0 11.5 91.8 7.2 Spring Green IN 19-5 41/2015 15:16 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green IN 19-6 41/2015 15:60 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green IN 19-7 41/2015 15:60 0.04 0.011 0.078 1.40 3.5 13.3 10.0.1 7.1 Spring Green IN 19-8 41/2015 15:60 0.04 0.011 0.078 1.40 1.55 1.35 1.30 1.00.1 7.1 Spring Green IN 19-9 4/1/2015 15:60 0.04 0.011 0.078 1.40 1.55 1.35 1.30 1.00.1 7.1 Spring Green IN 19-9 4/1/2015 15:60 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-1 41/2015 15:61 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-1 41/2015 16:60 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-1 41/2015 16:60 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-10 41/1/2015 16:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-10 41/1/2015 16:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-10 41/1/2015 16:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 19-10 41/1/2015 16:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green IN 20-1 41/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green IN 20-1 41/1/2015 16:56 0.04 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spri	Green_IN	18-18	3/25/2015	21:41	0.05	0.017	0.095	0.64	64.5	9.7	73.8	8.2	Spring
Green_IN 18-21 3/25/2015 22:26 0.06 0.019 0.159 1.06 165.3 6.6 62.0 8.3 Spring Green_IN 18-22 3/25/2015 22:41 0.05 0.015 0.095 0.62 215.5 12.2 82.8 8.1 Spring Green_IN 18-23 3/25/2015 22:56 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green_IN 18-24 3/25/2015 23:11 0.04 0.014 0.079 0.66 30.0 15.5 102.5 7.9 Spring Green_IN 19-1 41/1/2015 13:56 0.05 0.017 1.128 5.10 2,626.0 15.7 238.0 7.1 Spring Green_IN 19-1 41/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green_IN 19-2 41/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green_IN 19-3 41/1/2015 14:56 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 41/1/2015 15:11 0.04 0.011 0.079 1.31 4.0 11.15 91.8 7.2 Spring Green_IN 19-5 41/1/2015 15:26 0.04 0.011 0.079 1.31 4.0 11.15 91.8 7.2 Spring Green_IN 19-6 41/1/2015 15:41 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-7 41/1/2015 15:41 0.04 0.011 0.1078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-8 41/1/2015 15:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 41/1/2015 15:61 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-10 41/1/2015 16:61 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-11 41/1/2015 16:62 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 41/1/2015 16:56 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 20-1 41/15/2015 6:38 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 41/15/2015 6:38 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-4 41/15/2015 6:38 0.06	Green_IN	18-19	3/25/2015	21:56	0.05	0.017	0.097	0.68	93.5	8.7	73.2	8.2	Spring
Green_IN 18-22 3/25/2015 22:41 0.05 0.015 0.095 0.62 215.5 12.2 82.8 8.1 Spring Green_IN 18-23 3/25/2015 22:56 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green_IN 18-24 3/25/2015 23:11 0.04 0.014 0.079 0.66 30.0 15.5 102.5 7.9 Spring Green_IN 19-1 4/1/2015 13:56 0.05 0.017 1.128 5.10 2.626.0 15.7 238.0 7.1 Spring Green_IN 19-1 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green_IN 19-2 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green_IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green_IN 19-3 4/1/2015 14:41 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 4/1/2015 15:11 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-6 4/1/2015 15:12 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-7 4/1/2015 15:14 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-7 4/1/2015 15:15 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-9 4/1/2015 15:56 0.04 0.011 0.101 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-9 4/1/2015 15:56 0.04 0.011 0.101 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-9 4/1/2015 15:60 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-9 4/1/2015 15:60 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-10 4/1/2015 16:61 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-10 4/1/2015 16:62 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 20-1 4/15/2015 6:33 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-1 4/15/2015 6:33 0.07 0.026 0.023 0.252 1.86 6.0 19.0 19.0 152.8 7.1 Spring Green_IN 20-5 4/15/2015 6:33 0.07 0.026 0.023 0.252 1.86 1.53 20.0 139.8 7.2	Green_IN	18-20	3/25/2015	22:11	0.06	0.019	0.124	0.72	252.7	6.9	62.3	8.3	Spring
Green_IN 18-23 3/25/2015 22:56 0.05 0.015 0.094 1.00 247.3 17.4 110.4 7.9 Spring Green_IN 18-24 3/25/2015 23:11 0.04 0.014 0.079 0.66 30.0 15.5 102.5 7.9 Spring Green_IN 19-1 4/1/2015 13:56 0.05 0.017 1.128 5.10 2.626.0 15.7 238.0 7.1 Spring Green_IN 19-1 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green_IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green_IN 19-3 4/1/2015 14:56 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 4/1/2015 15:11 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 4/1/2015 15:12 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-6 4/1/2015 15:26 0.04 0.011 0.078 1.40 3.5 13.3 10.0.1 7.1 Spring Green_IN 19-8 4/1/2015 15:41 0.04 0.011 0.010 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-8 4/1/2015 15:56 0.04 0.011 0.100 1.48 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:11 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:10 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:10 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.087 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:64 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-10 4/1/2015 16:56 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 20-1 4/15/2015 5:53 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-1 4/15/2015 5:33 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-4 4/15/2015 5:33 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-4 4/15/2015 6:33 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-4 4/15/2015 6:33 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-4 4/15/2015 6:33 0.07 0.026 0.023 0.322 1.88 16.0 27.6 198.9 142.5 7.1 Spring Green_IN 20-4 4/15/2015 8:3 0.07 0.026 0.023 0.322 1.88 16.0 27.6 1	Green_IN	18-21	3/25/2015	22:26	0.06	0.019	0.159	1.06	165.3	6.6	62.0	8.3	Spring
Green IN 18-24 3/25/2015 23:11 0.04 0.014 0.079 0.66 30.0 15:5 102:5 7.9 Spring Green IN 19-1 4/1/2015 13:56 0.05 0.017 1.128 5.10 2,626.0 15:7 238.0 7.1 Spring Green IN 19-2 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green IN 19-5 4/1/2015 15:11 0.04 0.011 0.079 1.31 4.0 11:5 91.8 7.2 Spring Green IN 19-5 4/1/2015 15:56 0.04 0.011 0.078 1.40 3.5 13:3 100.1 7.1 Spring Green IN 19-9 4/1/2015 15:56 0.04 <t< td=""><td>Green_IN</td><td>18-22</td><td>3/25/2015</td><td>22:41</td><td>0.05</td><td>0.015</td><td>0.095</td><td>0.62</td><td>215.5</td><td>12.2</td><td>82.8</td><td>8.1</td><td>Spring</td></t<>	Green_IN	18-22	3/25/2015	22:41	0.05	0.015	0.095	0.62	215.5	12.2	82.8	8.1	Spring
Green_IN 19-1 4/1/2015 13:56 0.05 0.017 1.128 5.10 2,626.0 15.7 238.0 7.1 Spring Green_IN 19-2 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green_IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green_IN 19-4 4/1/2015 15:51 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-5 4/1/2015 15:26 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-6 4/1/2015 15:41 0.04 0.011 0.101 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-9 4/1/2015 16:11 0.04	Green_IN	18-23	3/25/2015	22:56	0.05	0.015	0.094	1.00	247.3	17.4	110.4	7.9	Spring
Green_IN 19-2 4/1/2015 14:26 0.05 0.016 0.110 1.29 46.0 7.3 78.9 7.3 Spring Green_IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green_IN 19-4 4/1/2015 14:56 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 4/1/2015 15:26 0.04 0.011 0.078 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-7 4/1/2015 15:41 0.04 0.011 0.118 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-8 4/1/2015 15:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:26 0.04 0.01	Green_IN	18-24	3/25/2015	23:11	0.04	0.014	0.079	0.66	30.0	15.5	102.5	7.9	Spring
Green_IN 19-3 4/1/2015 14:41 0.04 0.012 0.087 1.33 14.0 8.5 82.1 7.3 Spring Green_IN 19-4 4/1/2015 14:56 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 4/1/2015 15:11 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-6 4/1/2015 15:26 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-7 4/1/2015 15:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:11 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04	Green_IN	19-1	4/1/2015	13:56	0.05	0.017	1.128	5.10	2,626.0	15.7	238.0	7.1	Spring
Green_IN 19-4 4/1/2015 14:56 0.04 0.011 0.071 0.86 11.0 10.4 81.1 7.3 Spring Green_IN 19-5 4/1/2015 15:11 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-6 4/1/2015 15:26 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-7 4/1/2015 15:41 0.04 0.011 0.110 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-9 4/1/2015 16:11 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.007 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:56 0.04 <	Green_IN	19-2	4/1/2015	14:26	0.05	0.016	0.110	1.29	46.0	7.3	78.9	7.3	Spring
Green_IN 19-5 4/1/2015 15:11 0.04 0.011 0.079 1.31 4.0 11.5 91.8 7.2 Spring Green_IN 19-6 4/1/2015 15:26 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-7 4/1/2015 15:41 0.04 0.011 0.110 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-8 4/1/2015 16:11 0.04 0.011 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-9 4/1/2015 16:26 0.04 0.011 0.075 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.087 1.64 10.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/15/2015 16:56 0.04	Green_IN	19-3	4/1/2015	14:41	0.04	0.012	0.087	1.33	14.0	8.5	82.1	7.3	Spring
Green_IN 19-6 4/1/2015 15:26 0.04 0.011 0.078 1.40 3.5 13.3 100.1 7.1 Spring Green_IN 19-7 4/1/2015 15:41 0.04 0.011 0.110 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-8 4/1/2015 15:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:11 0.04 0.012 0.175 1.66 118.0 19-5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:56 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 20-1 4/15/2015 5:53 0.07	Green_IN	19-4	4/1/2015	14:56	0.04	0.011	0.071	0.86	11.0	10.4	81.1	7.3	Spring
Green_IN 19-7 4/1/2015 15:41 0.04 0.011 0.110 1.48 22.5 16.5 140.2 7.1 Spring Green_IN 19-8 4/1/2015 15:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:11 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:41 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.213 1.56 10.0 28.4 172.3 7.2 Spring Green_IN 20-1 4/15/2015 6:08 0.07	Green_IN	19-5	4/1/2015	15:11	0.04	0.011	0.079	1.31	4.0	11.5	91.8	7.2	Spring
Green IN 19-8 4/1/2015 15:56 0.04 0.011 0.184 1.93 30.7 38.1 239.0 7.0 Spring Green_IN 19-9 4/1/2015 16:11 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:41 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.213 1.56 10.0 28.4 172.3 7.2 Spring Green_IN 20-1 4/15/2015 6:08 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 4/15/2015 6:23 0.07	Green_IN	19-6	4/1/2015	15:26	0.04	0.011	0.078	1.40	3.5	13.3	100.1	7.1	Spring
Green_IN 19-9 4/1/2015 16:11 0.04 0.012 0.175 1.66 118.0 19.5 180.7 7.1 Spring Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:41 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/12015 16:56 0.04 0.011 0.213 1.56 10.0 28.4 172.3 7.2 Spring Green_IN 20-1 4/15/2015 5:53 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 4/15/2015 6:08 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-3 4/15/2015 6:38 0.06	Green_IN	19-7	4/1/2015	15:41	0.04	0.011	0.110	1.48	22.5	16.5	140.2	7.1	Spring
Green_IN 19-10 4/1/2015 16:26 0.04 0.011 0.107 1.44 16.0 27.4 175.3 7.2 Spring Green_IN 19-11 4/1/2015 16:41 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.213 1.56 10.0 28.4 172.3 7.2 Spring Green_IN 20-1 4/15/2015 5:53 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 4/15/2015 6:08 0.07 0.026 0.427 2.48 62.0 19.0 152.8 7.1 Spring Green_IN 20-3 4/15/2015 6:23 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-4 4/15/2015 6:38 0.06	Green_IN	19-8	4/1/2015	15:56	0.04	0.011	0.184	1.93	30.7	38.1	239.0	7.0	Spring
Green_IN 19-11 4/1/2015 16:41 0.04 0.011 0.087 1.64 10.0 29.2 176.7 7.2 Spring Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.213 1.56 10.0 28.4 172.3 7.2 Spring Green_IN 20-1 4/15/2015 5:53 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 4/15/2015 6:08 0.07 0.026 0.427 2.48 62.0 19.0 152.8 7.1 Spring Green_IN 20-3 4/15/2015 6:08 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-3 4/15/2015 6:38 0.06 0.023 0.322 1.88 16.0 27.6 152.1 7.2 Spring Green_IN 20-5 4/15/2015 6:53 0.07	Green_IN	19-9	4/1/2015	16:11	0.04	0.012	0.175	1.66	118.0	19.5	180.7	7.1	Spring
Green_IN 19-12 4/1/2015 16:56 0.04 0.011 0.213 1.56 10.0 28.4 172.3 7.2 Spring Green_IN 20-1 4/15/2015 5:53 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 4/15/2015 6:08 0.07 0.026 0.427 2.48 62.0 19.0 152.8 7.1 Spring Green_IN 20-3 4/15/2015 6:23 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-4 4/15/2015 6:38 0.06 0.023 0.322 1.88 16.0 27.6 152.1 7.2 Spring Green_IN 20-5 4/15/2015 6:53 0.07 0.024 0.299 1.88 26.0 21.2 143.7 7.2 Spring Green_IN 20-6 4/15/2015 7:08 0.06	Green_IN	19-10	4/1/2015	16:26	0.04	0.011	0.107	1.44	16.0	27.4	175.3	7.2	Spring
Green_IN 20-1 4/15/2015 5:53 0.07 0.026 0.612 2.93 243.0 24.6 198.5 6.9 Spring Green_IN 20-2 4/15/2015 6:08 0.07 0.026 0.427 2.48 62.0 19.0 152.8 7.1 Spring Green_IN 20-3 4/15/2015 6:23 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-4 4/15/2015 6:38 0.06 0.023 0.322 1.88 16.0 27.6 152.1 7.2 Spring Green_IN 20-5 4/15/2015 6:53 0.07 0.024 0.299 1.88 26.0 21.2 143.7 7.2 Spring Green_IN 20-6 4/15/2015 7:08 0.06 0.023 0.252 1.86 15.3 20.0 139.8 7.2 Spring Green_IN 20-7 4/15/2015 8:23 0.07	Green_IN	19-11	4/1/2015	16:41	0.04	0.011	0.087	1.64	10.0	29.2	176.7	7.2	Spring
Green_IN 20-2 4/15/2015 6:08 0.07 0.026 0.427 2.48 62.0 19.0 152.8 7.1 Spring Green_IN 20-3 4/15/2015 6:23 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-4 4/15/2015 6:38 0.06 0.023 0.322 1.88 16.0 27.6 152.1 7.2 Spring Green_IN 20-5 4/15/2015 6:53 0.07 0.024 0.299 1.88 26.0 21.2 143.7 7.2 Spring Green_IN 20-6 4/15/2015 7:08 0.06 0.023 0.252 1.86 15.3 20.0 139.8 7.2 Spring Green_IN 20-7 4/15/2015 7:23 0.06 0.023 0.262 1.78 18.0 NS 140.9 7.2 Spring Green_IN 20-8 4/15/2015 8:23 0.07 <t< td=""><td>Green_IN</td><td>19-12</td><td>4/1/2015</td><td>16:56</td><td>0.04</td><td>0.011</td><td>0.213</td><td>1.56</td><td>10.0</td><td>28.4</td><td>172.3</td><td>7.2</td><td>Spring</td></t<>	Green_IN	19-12	4/1/2015	16:56	0.04	0.011	0.213	1.56	10.0	28.4	172.3	7.2	Spring
Green_IN 20-3 4/15/2015 6:23 0.07 0.024 0.317 1.86 22.0 18.9 142.5 7.1 Spring Green_IN 20-4 4/15/2015 6:38 0.06 0.023 0.322 1.88 16.0 27.6 152.1 7.2 Spring Green_IN 20-5 4/15/2015 6:53 0.07 0.024 0.299 1.88 26.0 21.2 143.7 7.2 Spring Green_IN 20-6 4/15/2015 7:08 0.06 0.023 0.252 1.86 15.3 20.0 139.8 7.2 Spring Green_IN 20-7 4/15/2015 7:23 0.06 0.023 0.262 1.78 18.0 NS 140.9 7.2 Spring Green_IN 20-8 4/15/2015 8:23 0.07 0.030 0.672 2.35 682.0 16.0 115.6 7.4 Spring Green_IN 20-9 4/15/2015 8:38 0.08 <	Green_IN	20-1	4/15/2015	5:53	0.07	0.026	0.612	2.93	243.0	24.6	198.5	6.9	Spring
Green_IN 20-4 4/15/2015 6:38 0.06 0.023 0.322 1.88 16.0 27.6 152.1 7.2 Spring Green_IN 20-5 4/15/2015 6:53 0.07 0.024 0.299 1.88 26.0 21.2 143.7 7.2 Spring Green_IN 20-6 4/15/2015 7:08 0.06 0.023 0.252 1.86 15.3 20.0 139.8 7.2 Spring Green_IN 20-7 4/15/2015 7:23 0.06 0.023 0.262 1.78 18.0 NS 140.9 7.2 Spring Green_IN 20-8 4/15/2015 8:23 0.07 0.030 0.672 2.35 682.0 16.0 115.6 7.4 Spring Green_IN 20-9 4/15/2015 8:38 0.08 0.035 0.217 1.55 116.0 9.6 79.3 7.5 Spring Green_IN 20-10 4/15/2015 8:53 0.07 <	Green_IN	20-2	4/15/2015	6:08	0.07	0.026	0.427	2.48	62.0	19.0	152.8	7.1	Spring
Green_IN 20-5 4/15/2015 6:53 0.07 0.024 0.299 1.88 26.0 21.2 143.7 7.2 Spring Green_IN 20-6 4/15/2015 7:08 0.06 0.023 0.252 1.86 15.3 20.0 139.8 7.2 Spring Green_IN 20-7 4/15/2015 7:23 0.06 0.023 0.262 1.78 18.0 NS 140.9 7.2 Spring Green_IN 20-8 4/15/2015 8:23 0.07 0.030 0.672 2.35 682.0 16.0 115.6 7.4 Spring Green_IN 20-9 4/15/2015 8:38 0.08 0.035 0.217 1.55 116.0 9.6 79.3 7.5 Spring Green_IN 20-10 4/15/2015 8:53 0.07 0.027 0.186 1.39 78.0 10.4 82.9 7.5 Spring Green_IN 20-11 4/15/2015 9:08 0.07 <	Green_IN	20-3	4/15/2015	6:23	0.07	0.024	0.317	1.86	22.0	18.9	142.5	7.1	Spring
Green_IN 20-6 4/15/2015 7:08 0.06 0.023 0.252 1.86 15.3 20.0 139.8 7.2 Spring Green_IN 20-7 4/15/2015 7:23 0.06 0.023 0.262 1.78 18.0 NS 140.9 7.2 Spring Green_IN 20-8 4/15/2015 8:23 0.07 0.030 0.672 2.35 682.0 16.0 115.6 7.4 Spring Green_IN 20-9 4/15/2015 8:38 0.08 0.035 0.217 1.55 116.0 9.6 79.3 7.5 Spring Green_IN 20-10 4/15/2015 8:53 0.07 0.027 0.186 1.39 78.0 10.4 82.9 7.5 Spring Green_IN 20-11 4/15/2015 9:08 0.07 0.027 0.125 0.78 78.7 7.8 73.9 7.6 Spring Green_IN 20-12 4/15/2015 9:23 0.06 <t< td=""><td>Green_IN</td><td>20-4</td><td>4/15/2015</td><td>6:38</td><td>0.06</td><td>0.023</td><td>0.322</td><td>1.88</td><td>16.0</td><td>27.6</td><td>152.1</td><td>7.2</td><td>Spring</td></t<>	Green_IN	20-4	4/15/2015	6:38	0.06	0.023	0.322	1.88	16.0	27.6	152.1	7.2	Spring
Green_IN 20-7 4/15/2015 7:23 0.06 0.023 0.262 1.78 18.0 NS 140.9 7.2 Spring Green_IN 20-8 4/15/2015 8:23 0.07 0.030 0.672 2.35 682.0 16.0 115.6 7.4 Spring Green_IN 20-9 4/15/2015 8:38 0.08 0.035 0.217 1.55 116.0 9.6 79.3 7.5 Spring Green_IN 20-10 4/15/2015 8:53 0.07 0.027 0.186 1.39 78.0 10.4 82.9 7.5 Spring Green_IN 20-11 4/15/2015 9:08 0.07 0.027 0.125 0.78 78.7 7.8 73.9 7.6 Spring Green_IN 20-12 4/15/2015 9:23 0.06 0.022 0.126 1.04 28.0 9.3 79.6 7.6 Spring Green_IN 20-13 4/15/2015 9:38 0.05 <td< td=""><td>Green_IN</td><td>20-5</td><td>4/15/2015</td><td>6:53</td><td>0.07</td><td>0.024</td><td>0.299</td><td>1.88</td><td>26.0</td><td>21.2</td><td>143.7</td><td>7.2</td><td>Spring</td></td<>	Green_IN	20-5	4/15/2015	6:53	0.07	0.024	0.299	1.88	26.0	21.2	143.7	7.2	Spring
Green_IN 20-8 4/15/2015 8:23 0.07 0.030 0.672 2.35 682.0 16.0 115.6 7.4 Spring Green_IN 20-9 4/15/2015 8:38 0.08 0.035 0.217 1.55 116.0 9.6 79.3 7.5 Spring Green_IN 20-10 4/15/2015 8:53 0.07 0.027 0.186 1.39 78.0 10.4 82.9 7.5 Spring Green_IN 20-11 4/15/2015 9:08 0.07 0.027 0.125 0.78 78.7 7.8 73.9 7.6 Spring Green_IN 20-12 4/15/2015 9:23 0.06 0.022 0.126 1.04 28.0 9.3 79.6 7.6 Spring Green_IN 20-13 4/15/2015 9:38 0.05 0.018 0.122 1.45 42.7 11.5 89.7 7.6 Spring	Green_IN	20-6	4/15/2015	7:08	0.06	0.023	0.252	1.86	15.3	20.0	139.8	7.2	Spring
Green_IN 20-9 4/15/2015 8:38 0.08 0.035 0.217 1.55 116.0 9.6 79.3 7.5 Spring Green_IN 20-10 4/15/2015 8:53 0.07 0.027 0.186 1.39 78.0 10.4 82.9 7.5 Spring Green_IN 20-11 4/15/2015 9:08 0.07 0.027 0.125 0.78 78.7 7.8 73.9 7.6 Spring Green_IN 20-12 4/15/2015 9:23 0.06 0.022 0.126 1.04 28.0 9.3 79.6 7.6 Spring Green_IN 20-13 4/15/2015 9:38 0.05 0.018 0.122 1.45 42.7 11.5 89.7 7.6 Spring	Green_IN	20-7	4/15/2015	7:23	0.06	0.023	0.262	1.78	18.0	NS	140.9	7.2	Spring
Green_IN 20-10 4/15/2015 8:53 0.07 0.027 0.186 1.39 78.0 10.4 82.9 7.5 Spring Green_IN 20-11 4/15/2015 9:08 0.07 0.027 0.125 0.78 78.7 7.8 73.9 7.6 Spring Green_IN 20-12 4/15/2015 9:23 0.06 0.022 0.126 1.04 28.0 9.3 79.6 7.6 Spring Green_IN 20-13 4/15/2015 9:38 0.05 0.018 0.122 1.45 42.7 11.5 89.7 7.6 Spring	Green_IN	20-8	4/15/2015	8:23	0.07	0.030	0.672	2.35	682.0	16.0	115.6	7.4	Spring
Green_IN 20-11 4/15/2015 9:08 0.07 0.027 0.125 0.78 78.7 7.8 73.9 7.6 Spring Green_IN 20-12 4/15/2015 9:23 0.06 0.022 0.126 1.04 28.0 9.3 79.6 7.6 Spring Green_IN 20-13 4/15/2015 9:38 0.05 0.018 0.122 1.45 42.7 11.5 89.7 7.6 Spring	Green_IN	20-9	4/15/2015	8:38	0.08	0.035	0.217	1.55	116.0	9.6	79.3	7.5	Spring
Green_IN 20-12 4/15/2015 9:23 0.06 0.022 0.126 1.04 28.0 9.3 79.6 7.6 Spring Green_IN 20-13 4/15/2015 9:38 0.05 0.018 0.122 1.45 42.7 11.5 89.7 7.6 Spring	Green_IN	20-10	4/15/2015	8:53	0.07	0.027	0.186	1.39	78.0	10.4	82.9	7.5	Spring
Green_IN 20-13 4/15/2015 9:38 0.05 0.018 0.122 1.45 42.7 11.5 89.7 7.6 Spring	Green_IN	20-11	4/15/2015	9:08	0.07	0.027	0.125	0.78	78.7	7.8	73.9	7.6	Spring
	Green_IN	20-12	4/15/2015	9:23	0.06	0.022	0.126	1.04	28.0	9.3	79.6	7.6	Spring
Green_IN 20-14 4/15/2015 9:53 0.05 0.017 0.106 1.47 41.0 11.6 88.9 7.5 Spring	Green_IN	20-13	4/15/2015	9:38	0.05	0.018	0.122	1.45	42.7	11.5	89.7	7.6	Spring
	Green_IN	20-14	4/15/2015	9:53	0.05	0.017	0.106	1.47	41.0	11.6	88.9	7.5	Spring

Green_IN			•		1		1	1					
Green_IN 20-17 4/15/2015 10:38 0.05 0.016 0.096 1.76 15.5 9.1 87.2 7.5 Spring Green_IN 20-18 4/15/2015 10:53 0.06 0.021 0.112 1.96 13.0 8.6 92.3 7.5 Spring Green_IN 20-19 4/15/2015 11:08 0.06 0.021 0.106 1.90 23.5 8.5 94.5 7.4 Spring Green_IN 20-20 4/15/2015 11:28 0.06 0.021 0.152 1.53 30.7 6.9 99.2 7.5 Spring Green_IN 20-21 4/15/2015 11:38 0.07 0.024 0.145 1.09 98.7 7.2 94.4 7.6 Spring Green_IN 20-21 4/15/2015 11:38 0.07 0.024 0.145 1.09 98.7 7.2 94.4 7.6 Spring Green_IN 21-1 4/21/2015 19.06 0.05 0.015 0.819 2.48 1.006.0 7.3 102.8 6.1 Spring Green_IN 21-1 4/21/2015 2:11 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green_IN 21-3 4/21/2015 2:18 0.03 0.010 0.156 1.61 57.3 3.5 60.3 6.7 Spring Green_IN 22-1 7/7/2015 3:54 0.04 0.010 0.374 2.07 98.0 5.6 108.9 7.1 Summer Green_IN 22-2 7/7/2015 4:09 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-3 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:39 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-6 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.012 0.100 0.66 10.5 3.4 56.1 6.4 Summer Green_IN 22-6 7/7/2015 5:24 0.04 0.011 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:24 0.04 0.011 0.022 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-6 7/7/2015 5:24 0.04 0.011 0.022 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-6 7/7/2015 5:24 0.04 0.011 0.023 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-7 0.7/2015 5:24 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-1 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-1 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 5:64 0.03 0.000 0	Green_IN	20-15	4/15/2015	10:08	0.05	0.017	0.094	1.70	10.0	11.0	86.8	7.5	Spring
Green_IN 20-18 4/15/2015 10:53 0.06 0.021 0.112 1.96 13.0 8.6 92.3 7.5 Spring Green_IN 20-19 4/15/2015 11:08 0.06 0.021 0.106 1.90 23.5 8.5 94.5 7.4 Spring Green_IN 20-20 4/15/2015 11:23 0.06 0.021 0.152 1.53 30.7 6.9 99.2 7.5 Spring Green_IN 20-21 4/15/2015 11:38 0.07 0.024 0.145 1.09 98.7 7.2 94.4 7.6 Spring Green_IN 21-1 4/21/2015 2:11 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green_IN 21:2 4/21/2015 2:18 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green_IN 22:2 7/7/2015 4:09 0.06 <td< td=""><td>Green_IN</td><td>20-16</td><td>4/15/2015</td><td>10:23</td><td>0.05</td><td>0.017</td><td>0.098</td><td>1.70</td><td>32.0</td><td>11.0</td><td>86.4</td><td>7.5</td><td>Spring</td></td<>	Green_IN	20-16	4/15/2015	10:23	0.05	0.017	0.098	1.70	32.0	11.0	86.4	7.5	Spring
Green IN 20-19 4/15/2015 11:08 0.06 0.021 0.106 1.90 23.5 8.5 94.5 7.4 Spring Green IN 20-20 4/15/2015 11:23 0.06 0.021 0.152 1.53 30.7 6.9 99.2 7.5 Spring Green IN 20-21 4/15/2015 11:38 0.07 0.024 0.145 1.09 98.7 7.2 94.4 7.6 Spring Green IN 21-1 4/21/2015 19:06 0.05 0.015 0.819 2.48 1,006.0 7.3 102.8 6.1 Spring Green IN 21-2 4/21/2015 2:11 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green IN 21-3 4/21/2015 2:18 0.03 0.010 0.374 2.07 98.0 5.6 108.9 7.1 Summer Green IN 22-1 7/7/2015 4:24 0.05	Green_IN	20-17	4/15/2015	10:38	0.05	0.016	0.096	1.76	15.5	9.1	87.2	7.5	Spring
Green_IN 20-20 4/15/2015 11:23 0.06 0.021 0.152 1.53 30.7 6.9 99.2 7.5 Spring Green_IN 20-21 4/15/2015 11:38 0.07 0.024 0.145 1.09 98.7 7.2 94.4 7.6 Spring Green_IN 21-1 4/21/2015 2:11 0.03 0.010 0.346 2.47 205.3 4.4 86.5 6.5 Spring Green_IN 21-2 4/21/2015 2:18 0.03 0.010 0.156 1.61 57.3 3.5 60.3 6.7 Spring Green_IN 22-1 7/7/2015 3:54 0.04 0.010 0.374 2.07 98.0 5.6 108.9 7.1 Summer Green_IN 22-2 7/7/2015 4:29 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-2 7/7/2015 4:29 0.05 0.017	Green_IN	20-18	4/15/2015	10:53	0.06	0.021	0.112	1.96	13.0	8.6	92.3	7.5	Spring
Green_IN 20-21 4/15/2015 11:38 0.07 0.024 0.145 1.09 98.7 7.2 94.4 7.6 Spring Green_IN 21-1 4/21/2015 19:06 0.05 0.015 0.819 2.48 1,006.0 7.3 102.8 6.1 Spring Green_IN 21-2 4/21/2015 2:11 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green_IN 21-3 4/21/2015 2:18 0.03 0.010 0.156 1.61 57.3 3.5 60.3 6.7 Spring Green_IN 22-1 7/7/2015 4:99 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-2 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:54 0.06 0.0	Green_IN	20-19	4/15/2015	11:08	0.06	0.021	0.106	1.90	23.5	8.5	94.5	7.4	Spring
Green_IN 21-1 4/21/2015 19:06 0.05 0.015 0.819 2.48 1,006.0 7.3 102.8 6.1 Spring Green_IN 21-2 4/21/2015 2:11 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green_IN 21-3 4/21/2015 2:18 0.03 0.010 0.156 1.61 57.3 3.5 60.3 6.7 Spring Green_IN 22-2 7/7/2015 4:09 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-2 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:39 0.05 0.017 0.193 0.71 41.0 3.3 49.7 6.6 Summer Green_IN 22-6 7/7/2015 4:54 0.06 0.022<	Green_IN	20-20	4/15/2015	11:23	0.06	0.021	0.152	1.53	30.7	6.9	99.2	7.5	Spring
Green_IN 21-2 4/21/2015 2:11 0.03 0.010 0.346 2.47 245.3 4.4 86.5 6.5 Spring Green_IN 21-3 4/21/2015 2:18 0.03 0.010 0.156 1.61 57.3 3.5 60.3 6.7 Spring Green_IN 22-1 7/7/2015 3:54 0.04 0.010 0.374 2.07 98.0 5.6 108.9 7.1 Summer Green_IN 22-2 7/7/2015 4:09 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-3 7/7/2015 4:39 0.05 0.017 0.193 0.71 41.0 3.3 49.7 6.6 Summer Green_IN 22-5 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-5 7/7/2015 5:54 0.04 0.011	Green_IN	20-21	4/15/2015	11:38	0.07	0.024	0.145	1.09	98.7	7.2	94.4	7.6	Spring
Green_IN 21-3 4/21/2015 2:18 0.03 0.010 0.156 1.61 57.3 3.5 60.3 6.7 Spring Green_IN 22-1 7/7/2015 3:54 0.04 0.010 0.374 2.07 98.0 5.6 108.9 7.1 Summer Green_IN 22-2 7/7/2015 4:09 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-3 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:34 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.012 0.100 0.66 10.5 3.4 56.1 6.4 Summer Green_IN 22-7 7/7/2015 5:39 0.04 0.011	Green_IN	21-1	4/21/2015	19:06	0.05	0.015	0.819	2.48	1,006.0	7.3	102.8	6.1	Spring
Green_IN 22-1 7/7/2015 3:54 0.04 0.010 0.374 2.07 98.0 5.6 108.9 7.1 Summer Green_IN 22-2 7/7/2015 4:09 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-3 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:39 0.05 0.017 0.193 0.71 41.0 3.3 49.7 6.6 Summer Green_IN 22-5 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.011 0.102 0.100 0.666 10.5 3.4 56.1 6.4 Summer Green_IN 22-7 7/7/2015 5:39 0.04	Green_IN	21-2	4/21/2015	2:11	0.03	0.010	0.346	2.47	245.3	4.4	86.5	6.5	Spring
Green_IN 22-2 7/7/2015 4:09 0.06 0.019 0.135 0.84 56.0 3.2 52.7 7.1 Summer Green_IN 22-3 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:39 0.05 0.017 0.193 0.71 41.0 3.3 49.7 6.6 Summer Green_IN 22-5 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.011 0.123 0.77 11.0 5.2 71.1 6.5 Summer Green_IN 22-7 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-9 7/7/2015 5:54 0.03 0.010	Green_IN	21-3	4/21/2015	2:18	0.03	0.010	0.156	1.61	57.3	3.5	60.3	6.7	Spring
Green_IN 22-3 7/7/2015 4:24 0.05 0.016 0.112 0.77 30.7 3.4 55.3 6.9 Summer Green_IN 22-4 7/7/2015 4:39 0.05 0.017 0.193 0.71 41.0 3.3 49.7 6.6 Summer Green_IN 22-5 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.011 0.123 0.77 11.0 5.2 71.1 6.5 Summer Green_IN 22-7 7/7/2015 5:24 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-8 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-10 7/7/2015 6:11 0.03 0.010	Green_IN	22-1	7/7/2015	3:54	0.04	0.010	0.374	2.07	98.0	5.6	108.9	7.1	Summer
Green_IN 22-4 7/7/2015 4:39 0.05 0.017 0.193 0.71 41.0 3.3 49.7 6.6 Summer Green_IN 22-5 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.012 0.100 0.66 10.5 3.4 56.1 6.4 Summer Green_IN 22-7 7/7/2015 5:24 0.04 0.011 0.123 0.77 11.0 5.2 71.1 6.5 Summer Green_IN 22-8 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-9 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 6:36 0.03 0.000	Green_IN	22-2	7/7/2015	4:09	0.06	0.019	0.135	0.84	56.0	3.2	52.7	7.1	Summer
Green_IN 22-5 7/7/2015 4:54 0.06 0.022 0.266 0.88 33.5 3.5 55.9 6.4 Summer Green_IN 22-6 7/7/2015 5:09 0.04 0.012 0.100 0.66 10.5 3.4 56.1 6.4 Summer Green_IN 22-7 7/7/2015 5:24 0.04 0.011 0.123 0.77 11.0 5.2 71.1 6.5 Summer Green_IN 22-8 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-9 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 6:11 0.03 0.010 0.025 0.48 1.0 5.4 59.4 6.7 Summer Green_IN 22-11 7/7/2015 6:41 0.03 0.010	Green_IN	22-3	7/7/2015	4:24	0.05	0.016	0.112	0.77	30.7	3.4	55.3	6.9	Summer
Green_IN 22-6 7/7/2015 5:09 0.04 0.012 0.100 0.66 10.5 3.4 56.1 6.4 Summer Green_IN 22-7 7/7/2015 5:24 0.04 0.011 0.123 0.77 11.0 5.2 71.1 6.5 Summer Green_IN 22-8 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-9 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 6:11 0.03 0.010 0.025 0.48 1.0 5.4 59.4 6.7 Summer Green_IN 22-11 7/7/2015 6:36 0.03 0.009 0.049 0.64 9.5 9.3 89.6 6.6 Summer Green_IN 22-12 7/7/2015 6:41 0.03 0.010	Green_IN	22-4	7/7/2015	4:39	0.05	0.017	0.193	0.71	41.0	3.3	49.7	6.6	Summer
Green_IN 22-7 7/7/2015 5:24 0.04 0.011 0.123 0.77 11.0 5.2 71.1 6.5 Summer Green_IN 22-8 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-9 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 6:11 0.03 0.010 0.025 0.48 1.0 5.4 59.4 6.7 Summer Green_IN 22-11 7/7/2015 6:36 0.03 0.009 0.049 0.64 9.5 9.3 89.6 6.6 Summer Green_IN 22-12 7/7/2015 6:41 0.03 0.010 0.045 0.59 6.5 11.2 105.6 7.1 Summer Green_IN 23-1 8/8/2015 10:11 0.03 0.010	Green_IN	22-5	7/7/2015	4:54	0.06	0.022	0.266	0.88	33.5	3.5	55.9	6.4	Summer
Green_IN 22-8 7/7/2015 5:39 0.04 0.011 0.062 0.59 3.0 6.9 72.4 6.7 Summer Green_IN 22-9 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 6:11 0.03 0.010 0.025 0.48 1.0 5.4 59.4 6.7 Summer Green_IN 22-11 7/7/2015 6:36 0.03 0.009 0.049 0.64 9.5 9.3 89.6 6.6 Summer Green_IN 22-12 7/7/2015 6:41 0.03 0.010 0.045 0.59 6.5 11.2 105.6 7.1 Summer Green_IN 23-1 8/8/2015 10:11 0.03 0.010 0.156 1.01 138.0 1.5 56.5 6.4 Summer Green_IN 23-2 8/8/2015 10:26 0.08 0.035	Green_IN	22-6	7/7/2015	5:09	0.04	0.012	0.100	0.66	10.5	3.4	56.1	6.4	Summer
Green_IN 22-9 7/7/2015 5:54 0.03 0.010 0.037 0.50 2.0 7.2 73.3 6.8 Summer Green_IN 22-10 7/7/2015 6:11 0.03 0.010 0.025 0.48 1.0 5.4 59.4 6.7 Summer Green_IN 22-11 7/7/2015 6:36 0.03 0.009 0.049 0.64 9.5 9.3 89.6 6.6 Summer Green_IN 22-12 7/7/2015 6:41 0.03 0.010 0.045 0.59 6.5 11.2 105.6 7.1 Summer Green_IN 23-1 8/8/2015 10:11 0.03 0.010 0.156 1.01 138.0 1.5 56.5 6.4 Summer Green_IN 23-2 8/8/2015 10:26 0.08 0.035 0.146 0.87 43.0 1.2 32.2 5.9 Summer Green_IN 23-3 8/8/2015 10:41 0.04 0.011	Green_IN	22-7	7/7/2015	5:24	0.04	0.011	0.123	0.77	11.0	5.2	71.1	6.5	Summer
Green_IN 22-10 7/7/2015 6:11 0.03 0.010 0.025 0.48 1.0 5.4 59.4 6.7 Summer Green_IN 22-11 7/7/2015 6:36 0.03 0.009 0.049 0.64 9.5 9.3 89.6 6.6 Summer Green_IN 22-12 7/7/2015 6:41 0.03 0.010 0.045 0.59 6.5 11.2 105.6 7.1 Summer Green_IN 23-1 8/8/2015 10:11 0.03 0.010 0.156 1.01 138.0 1.5 56.5 6.4 Summer Green_IN 23-2 8/8/2015 10:26 0.08 0.035 0.146 0.87 43.0 1.2 32.2 5.9 Summer Green_IN 23-3 8/8/2015 10:41 0.04 0.011 0.190 0.95 17.3 1.9 95.8 5.7 Summer Green_IN 23-4 8/8/2015 10:56 0.03 0.009 <td>Green_IN</td> <td>22-8</td> <td>7/7/2015</td> <td>5:39</td> <td>0.04</td> <td>0.011</td> <td>0.062</td> <td>0.59</td> <td>3.0</td> <td>6.9</td> <td>72.4</td> <td>6.7</td> <td>Summer</td>	Green_IN	22-8	7/7/2015	5:39	0.04	0.011	0.062	0.59	3.0	6.9	72.4	6.7	Summer
Green_IN 22-11 7/7/2015 6:36 0.03 0.009 0.049 0.64 9.5 9.3 89.6 6.6 Summer Green_IN 22-12 7/7/2015 6:41 0.03 0.010 0.045 0.59 6.5 11.2 105.6 7.1 Summer Green_IN 23-1 8/8/2015 10:11 0.03 0.010 0.156 1.01 138.0 1.5 56.5 6.4 Summer Green_IN 23-2 8/8/2015 10:26 0.08 0.035 0.146 0.87 43.0 1.2 32.2 5.9 Summer Green_IN 23-3 8/8/2015 10:41 0.04 0.011 0.190 0.95 17.3 1.9 95.8 5.7 Summer Green_IN 23-4 8/8/2015 10:56 0.03 0.009 0.072 0.89 10.0 1.8 39.8 5.4 Summer Green_IN 23-5 8/8/2015 11:11 0.03 0.009 </td <td>Green_IN</td> <td>22-9</td> <td>7/7/2015</td> <td>5:54</td> <td>0.03</td> <td>0.010</td> <td>0.037</td> <td>0.50</td> <td>2.0</td> <td>7.2</td> <td>73.3</td> <td>6.8</td> <td>Summer</td>	Green_IN	22-9	7/7/2015	5:54	0.03	0.010	0.037	0.50	2.0	7.2	73.3	6.8	Summer
Green_IN 22-12 7/7/2015 6:41 0.03 0.010 0.045 0.59 6.5 11.2 105.6 7.1 Summer Green_IN 23-1 8/8/2015 10:11 0.03 0.010 0.156 1.01 138.0 1.5 56.5 6.4 Summer Green_IN 23-2 8/8/2015 10:26 0.08 0.035 0.146 0.87 43.0 1.2 32.2 5.9 Summer Green_IN 23-3 8/8/2015 10:41 0.04 0.011 0.190 0.95 17.3 1.9 95.8 5.7 Summer Green_IN 23-4 8/8/2015 10:56 0.03 0.009 0.072 0.89 10.0 1.8 39.8 5.4 Summer Green_IN 23-5 8/8/2015 11:11 0.03 0.009 0.047 0.87 11.3 1.7 37 5.5 Summer Green_IN 23-6 8/8/2015 11:13 0.03 0.009 <td>Green_IN</td> <td>22-10</td> <td>7/7/2015</td> <td>6:11</td> <td>0.03</td> <td>0.010</td> <td>0.025</td> <td>0.48</td> <td>1.0</td> <td>5.4</td> <td>59.4</td> <td>6.7</td> <td>Summer</td>	Green_IN	22-10	7/7/2015	6:11	0.03	0.010	0.025	0.48	1.0	5.4	59.4	6.7	Summer
Green_IN 23-1 8/8/2015 10:11 0.03 0.010 0.156 1.01 138.0 1.5 56.5 6.4 Summer Green_IN 23-2 8/8/2015 10:26 0.08 0.035 0.146 0.87 43.0 1.2 32.2 5.9 Summer Green_IN 23-3 8/8/2015 10:41 0.04 0.011 0.190 0.95 17.3 1.9 95.8 5.7 Summer Green_IN 23-4 8/8/2015 10:56 0.03 0.009 0.072 0.89 10.0 1.8 39.8 5.4 Summer Green_IN 23-5 8/8/2015 11:11 0.03 0.009 0.047 0.87 11.3 1.7 37 5.5 Summer Green_IN 23-6 8/8/2015 11:13 0.03 0.009 0.039 0.78 27.0 1.9 36 5.7 Summer Green_IN 24-1 8/19/2015 22:46 0.03 0.009	Green_IN	22-11	7/7/2015	6:36	0.03	0.009	0.049	0.64	9.5	9.3	89.6	6.6	Summer
Green_IN 23-2 8/8/2015 10:26 0.08 0.035 0.146 0.87 43.0 1.2 32.2 5.9 Summer Green_IN 23-3 8/8/2015 10:41 0.04 0.011 0.190 0.95 17.3 1.9 95.8 5.7 Summer Green_IN 23-4 8/8/2015 10:56 0.03 0.009 0.072 0.89 10.0 1.8 39.8 5.4 Summer Green_IN 23-5 8/8/2015 11:11 0.03 0.009 0.047 0.87 11.3 1.7 37 5.5 Summer Green_IN 23-6 8/8/2015 11:13 0.03 0.009 0.039 0.78 27.0 1.9 36 5.7 Summer Green_IN 24-1 8/19/2015 22:46 0.03 0.009 0.375 1.63 114.0 5.0 132.0 6.5 Summer Green_IN 24-2 8/19/2015 23:01 0.06 0.020 <td>Green_IN</td> <td>22-12</td> <td>7/7/2015</td> <td>6:41</td> <td>0.03</td> <td>0.010</td> <td>0.045</td> <td>0.59</td> <td>6.5</td> <td>11.2</td> <td>105.6</td> <td>7.1</td> <td>Summer</td>	Green_IN	22-12	7/7/2015	6:41	0.03	0.010	0.045	0.59	6.5	11.2	105.6	7.1	Summer
Green_IN 23-3 8/8/2015 10:41 0.04 0.011 0.190 0.95 17.3 1.9 95.8 5.7 Summer Green_IN 23-4 8/8/2015 10:56 0.03 0.009 0.072 0.89 10.0 1.8 39.8 5.4 Summer Green_IN 23-5 8/8/2015 11:11 0.03 0.009 0.047 0.87 11.3 1.7 37 5.5 Summer Green_IN 23-6 8/8/2015 11:13 0.03 0.009 0.039 0.78 27.0 1.9 36 5.7 Summer Green_IN 24-1 8/19/2015 22:46 0.03 0.009 0.375 1.63 114.0 5.0 132.0 6.5 Summer Green_IN 24-2 8/19/2015 23:01 0.06 0.020 0.217 1.61 81.3 3.7 97.7 6.5 Summer	Green_IN	23-1	8/8/2015	10:11	0.03	0.010	0.156	1.01	138.0	1.5	56.5	6.4	Summer
Green_IN 23-4 8/8/2015 10:56 0.03 0.009 0.072 0.89 10.0 1.8 39.8 5.4 Summer Green_IN 23-5 8/8/2015 11:11 0.03 0.009 0.047 0.87 11.3 1.7 37 5.5 Summer Green_IN 23-6 8/8/2015 11:13 0.03 0.009 0.039 0.78 27.0 1.9 36 5.7 Summer Green_IN 24-1 8/19/2015 22:46 0.03 0.009 0.375 1.63 114.0 5.0 132.0 6.5 Summer Green_IN 24-2 8/19/2015 23:01 0.06 0.020 0.217 1.61 81.3 3.7 97.7 6.5 Summer	Green_IN	23-2	8/8/2015	10:26	0.08	0.035	0.146	0.87	43.0	1.2	32.2	5.9	Summer
Green_IN 23-5 8/8/2015 11:11 0.03 0.009 0.047 0.87 11.3 1.7 37 5.5 Summer Green_IN 23-6 8/8/2015 11:13 0.03 0.009 0.039 0.78 27.0 1.9 36 5.7 Summer Green_IN 24-1 8/19/2015 22:46 0.03 0.009 0.375 1.63 114.0 5.0 132.0 6.5 Summer Green_IN 24-2 8/19/2015 23:01 0.06 0.020 0.217 1.61 81.3 3.7 97.7 6.5 Summer	Green_IN	23-3	8/8/2015	10:41	0.04	0.011	0.190	0.95	17.3	1.9	95.8	5.7	Summer
Green_IN 23-6 8/8/2015 11:13 0.03 0.009 0.039 0.78 27.0 1.9 36 5.7 Summer Green_IN 24-1 8/19/2015 22:46 0.03 0.009 0.375 1.63 114.0 5.0 132.0 6.5 Summer Green_IN 24-2 8/19/2015 23:01 0.06 0.020 0.217 1.61 81.3 3.7 97.7 6.5 Summer	Green_IN	23-4	8/8/2015	10:56	0.03	0.009	0.072	0.89	10.0	1.8	39.8	5.4	Summer
Green_IN 24-1 8/19/2015 22:46 0.03 0.009 0.375 1.63 114.0 5.0 132.0 6.5 Summer Green_IN 24-2 8/19/2015 23:01 0.06 0.020 0.217 1.61 81.3 3.7 97.7 6.5 Summer	Green_IN	23-5	8/8/2015	11:11	0.03	0.009	0.047	0.87	11.3	1.7	37	5.5	Summer
Green_IN 24-2 8/19/2015 23:01 0.06 0.020 0.217 1.61 81.3 3.7 97.7 6.5 Summer	Green_IN	23-6	8/8/2015	11:13	0.03	0.009	0.039	0.78	27.0	1.9	36	5.7	Summer
	Green_IN	24-1	8/19/2015	22:46	0.03	0.009	0.375	1.63	114.0	5.0	132.0	6.5	Summer
Green_IN 24-3 8/19/2015 23:16 0.06 0.019 0.161 1.2 22.7 3.7 94.4 6.5 Summer	Green_IN	24-2	8/19/2015	23:01	0.06	0.020	0.217	1.61	81.3	3.7	97.7	6.5	Summer
	Green_IN	24-3	8/19/2015	23:16	0.06	0.019	0.161	1.2	22.7	3.7	94.4	6.5	Summer
Green_IN 24-4 8/19/2015 23:31 0.06 0.019 0.163 1.28 10.7 4.3 112.4 6.5 Summer	Green_IN	24-4	8/19/2015	23:31	0.06	0.019	0.163	1.28	10.7	4.3	112.4	6.5	Summer
Green_IN 24-5 8/19/2015 23:46 0.05 0.018 0.198 1.28 16.0 4.2 126.1 6.6 Summer	Green_IN	24-5	8/19/2015	23:46	0.05	0.018	0.198	1.28	16.0	4.2	126.1	6.6	Summer
Green_IN 24-6 8/19/2015 0:01 0.05 0.019 0.153 1.03 7.3 4.6 112.1 6.7 Summer	Green_IN	24-6	8/19/2015	0:01	0.05	0.019	0.153	1.03	7.3	4.6	112.1	6.7	Summer
Green_IN 24-7 8/19/2015 0:16 0.06 0.019 0.091 0.8 32.7 5.0 86.0 6.7 Summer	Green_IN	24-7	8/19/2015	0:16	0.06	0.019	0.091	0.8	32.7	5.0	86.0	6.7	Summer

Green_IN 24-8 8/19/2015 O.31 O.06 O.019 O.083 O.74 38.0 2.2 78.9 6.7 Summer Green_IN Green_IN 24-9 8/19/2015 0.46 0.06 0.021 0.056 0.5 92.0 1.6 64.5 6.7 Summer Green_IN Green_IN 24-11 8/19/2015 1:16 0.05 0.018 0.083 1.07 4.7 3.0 90.7 6.8 Summer Green_IN Green_IN 24-12 8/19/2015 1:31 0.05 0.018 0.085 0.97 20.7 3.3 98.0 6.9 Summer Green_IN Green_IN 24-14 8/19/2015 2:01 0.05 0.018 0.065 0.85 9.3 2.6 87.5 6.9 Summer Green_IN Green_IN 24-14 8/19/2015 2:01 0.05 0.018 0.063 0.72 10.0 2.8 85.2 6.9 Summer Green_IN Green_IN 25-1 9/8/2015 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>													
Green IN 24-10 8/19/2015 1:01 0.06 0.019 0.068 0.87 14.0 2.8 75.0 6.7 Summer Green IN 24-11 8/19/2015 1:16 0.05 0.018 0.083 1.07 4.7 3.0 90.7 6.8 Summer Green IN 24-12 8/19/2015 1:31 0.05 0.018 0.085 0.97 20.7 3.3 98.0 6.9 Summer Green IN 24-13 8/19/2015 1:46 0.05 0.018 0.065 0.85 9.3 2.6 87.5 6.9 Summer Green IN 24-14 8/19/2015 2:01 0.05 0.018 0.065 0.85 9.3 2.6 87.5 6.9 Summer Green IN 24-15 8/19/2015 2:01 0.05 0.018 0.063 0.72 10.0 2.8 85.2 6.9 Summer Green IN 24-15 8/19/2015 2:16 0.05 0.019 0.057 0.74 12.0 2.5 78.5 70 Summer Green IN 25-1 9/8/2015 12:19 0.03 0.009 0.859 2.62 1.434.0 2.5 114.1 6.1 Summer Green IN 25-2 9/8/2015 12:34 0.05 0.014 0.306 1.17 470.0 1.2 54.4 5.7 Summer Green IN 25-3 9/8/2015 12:49 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green IN 25-3 9/8/2015 13:04 0.06 0.023 0.139 0.55 64.5 2.1 34.5 5.9 Summer Green IN 25-6 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green IN 25-6 9/8/2015 13:14 0.03 0.009 0.0113 0.64 78.5 1.1 32.4 5.9 Summer Green IN 25-7 9/8/2015 13:14 0.03 0.009 0.0113 0.64 78.5 1.1 32.4 6.2 Summer Green IN 25-8 9/8/2015 13:14 0.03 0.009 0.013 0.059 0.05 38.5 1.3 22.4 6.2 Summer Green IN 25-9 9/8/2015 13:18 0.03 0.009 0.092 0.55 38.5 1.3 22.4 6.2 Summer Green IN 25-9 9/8/2015 13:18 0.03 0.009 0.092 0.55 38.5 1.3 22.4 6.2 Summer Green IN 25-10 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 22.4 6.2 Summer Green IN 25-10 9/8/2015 13:52 0.03 0.009 0.092 0.55 38.5 1.3 22.0 1.7 22.2 6.2 Summer Green IN 25-10 9/8/2015 13:52 0.03 0.009 0.092 0.55 38.5 1.3 3.3 54.5 6.3 Summer Green IN 25-11 9/8/2015 13:54 0.03 0.009 0.095 0.66 47.0 3.7 7.2 2.6 6.8 Summer Green IN 25-12 9/8/2015 15:13 0.03 0.009 0.095 0.66 47.0 3.7 7.2 2.6 6.8 Summer Green IN 25-13 9/8/2015 15:13 0.03 0.009 0.095 0.66 47.0 3.7 7.2 2.6 6.8 Summer Green IN 25-14 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 7.2 2.6 6.8 Summer Green IN 25-14 9/8/2015 16:39 0.03 0.009 0.095 0.66 47.0 3.7 7.2 2.6 6.8 Summer Green IN 25-15 9/8/2015 15:13 0.03 0.009 0.095 0.66 47.0 3.7 7.2 2.6 41.1 6.6 Fall Green IN 2	Green_IN	24-8	8/19/2015	0:31	0.06	0.019	0.083	0.74	38.0	2.2	78.9	6.7	Summer
Green N 24-11 8/19/2015 1:16 0.05 0.018 0.083 1.07 4.7 3.0 90.7 6.8 Summer Green N 24-12 8/19/2015 1:31 0.05 0.018 0.085 0.97 20.7 3.3 98.0 6.9 Summer Green N 24-13 8/19/2015 2:01 0.05 0.018 0.065 0.85 9.3 2.6 87.5 6.9 Summer Green N 24-14 8/19/2015 2:01 0.05 0.018 0.063 0.72 10.0 2.8 85.2 6.9 Summer Green N 24-15 8/19/2015 2:16 0.05 0.018 0.063 0.72 10.0 2.8 85.2 6.9 Summer Green N 24-15 8/19/2015 2:16 0.05 0.019 0.057 0.74 12.0 2.5 78.5 7.0 Summer Green N 25-1 9/8/2015 12:19 0.03 0.009 0.059 2.62 1.4340 2.5 114.1 6.1 Summer Green N 25-2 9/8/2015 12:34 0.05 0.014 0.306 1.17 47.00 1.2 54.4 5.7 Summer Green N 25-3 9/8/2015 12:49 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green N 25-4 9/8/2015 13:04 0.06 0.023 0.139 0.55 64.5 2.1 34.5 5.9 Summer Green N 25-5 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green N 25-6 9/8/2015 13:34 0.03 0.010 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green N 25-7 9/8/2015 13:48 0.03 0.009 0.092 0.55 38.5 1.5 32.1 6.2 Summer Green N 25-9 9/8/2015 13:45 0.03 0.009 0.092 0.55 38.5 1.3 2.94 6.2 Summer Green N 25-9 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 2.94 6.2 Summer Green N 25-10 9/8/2015 13:58 0.03 0.009 0.092 0.55 38.5 3.3 54.5 6.3 Summer Green N 25-11 9/8/2015 15:33 0.03 0.009 0.092 0.55 38.5 3.3 54.5 6.3 Summer Green N 25-12 9/8/2015 15:33 0.03 0.009 0.092 0.55 38.5 3.3 54.5 6.3 Summer Green N 25-12 9/8/2015 15:33 0.03 0.009 0.092 0.55 38.5 3.3 54.5 6.3 Summer Green N 25-12 9/8/2015 15:33 0.03 0.009 0.092 0.55 38.5 3.3 54.5 6.3 Summer Green N	Green_IN	24-9	8/19/2015	0:46	0.06	0.021	0.056	0.5	92.0	1.6	64.5	6.7	Summer
Green IN 24-12 8/19/2015 1:31 0.05 0.018 0.085 0.97 20.7 3.3 98.0 6.9 Summer Green IN 24-13 8/19/2015 1:46 0.05 0.018 0.065 0.85 9.3 2.6 87.5 6.9 Summer Green IN Green IN 24-14 8/19/2015 2:16 0.05 0.018 0.063 0.72 10.0 2.8 85.2 6.9 Summer Green IN Green IN 24-15 8/19/2015 2:16 0.05 0.019 0.057 0.74 11.20 2.5 78.5 7.0 Summer Green IN Green IN 25-1 9/8/2015 12:19 0.03 0.009 0.859 2.62 1,434.0 2.5 114.1 6.1 Summer Green IN Green IN 25-2 9/8/2015 13:19 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green IN Green IN 25-5 9/8/2015 13:34 0.03	Green_IN	24-10	8/19/2015	1:01	0.06	0.019	0.068	0.87	14.0	2.8	75.0	6.7	Summer
Green_IN 24-13 8/19/2015 1.46 0.05 0.018 0.065 0.85 9.3 2.6 87.5 6.9 Summer Green_IN 24-14 8/19/2015 2:01 0.05 0.018 0.063 0.72 11.0 2.8 85.2 6.9 Summer Green_IN Green_IN 24-15 8/19/2015 12:19 0.03 0.009 0.859 2.62 1.4340 2.5 78.5 7.0 Summer Green_IN Green_IN 25-1 9/8/2015 12:34 0.05 0.014 0.306 1.17 470.0 1.2 54.4 5.7 Summer Green_IN Green_IN 25-3 9/8/2015 12:34 0.05 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green_IN Green_IN 25-4 9/8/2015 13:04 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green_IN Green_IN 25-5 9/8/2015 13:34 0.03	Green_IN	24-11	8/19/2015	1:16	0.05	0.018	0.083	1.07	4.7	3.0	90.7	6.8	Summer
Green IN 24-14 8/19/2015 2:01 0.05 0.018 0.063 0.72 10.0 2.8 85.2 6.9 Summer Green IN 24-15 8/19/2015 2:16 0.05 0.019 0.057 0.74 12.0 2.5 78.5 7.0 Summer Green IN 25-1 9/8/2015 12:19 0.03 0.009 0.859 2.62 1.434.0 2.5 114.1 6.1 Summer Green IN 25-2 9/8/2015 12:34 0.05 0.014 0.306 1.17 470.0 1.2 54.4 5.7 Summer Green IN 25-3 9/8/2015 12:49 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green IN 25-4 9/8/2015 13:04 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green IN 25-4 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 34.5 5.9 Summer Green IN 25-5 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green IN 25-6 9/8/2015 13:34 0.03 0.010 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green IN 25-8 9/8/2015 13:51 0.03 0.009 0.113 0.64 78.5 1.5 32.1 6.2 Summer Green IN 25-8 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 22.9 6.2 Summer Green IN 25-8 9/8/2015 13:52 0.03 0.009 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green IN 25-1 9/8/2015 13:58 0.03 0.009 0.097 0.55 38.5 1.3 29.4 6.2 Summer Green IN 25-10 9/8/2015 13:58 0.03 0.009 0.097 0.55 38.5 1.3 29.4 6.2 Summer Green IN 25-10 9/8/2015 13:58 0.03 0.009 0.097 0.55 38.5 1.3 29.4 6.2 Summer Green IN 25-10 9/8/2015 13:58 0.03 0.009 0.097 0.55 38.5 1.3 29.4 6.2 Summer Green IN 25-11 9/8/2015 13:58 0.03 0.009 0.097 0.55 38.5 1.3 29.4 6.2 Summer Green IN 25-12 9/8/2015 15:06 0.04 0.012 0.154 1.04 1.09.5 3.9 67.2 6.1 Summer Green IN 25-14 9/8/2015 15:06 0.04 0.012 0.154 1.04 1.09.5 3.9 67.2 6.1 Summer Green IN 25-14 9/8/2015 16:37 0.03 0.009 0.097 0.052 12.0 2.4 2.7.7 6.1 Summer Green IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.055 0.55 38.5 3.3 54.5 6.3 Summer Green IN 25-14 9/8/2015 16:39 0.03 0.009 0.095 0.55 38.5 3.3 54.5 6.3 Summer Green IN 25-15 9/8/2015 16:39 0.03 0.009 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green IN 25-16 9/8/2015 16:39 0.03 0.009 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green IN 25-16 9/8/2015 16:39 0.03 0.009 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green IN 25-16 9/8/2015 17:24 0.03 0.009 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green IN 25-16 9/8/2015 19:22 0.09 0	Green_IN	24-12	8/19/2015	1:31	0.05	0.018	0.085	0.97	20.7	3.3	98.0	6.9	Summer
Green_IN 24-15 8/19/2015 2:16 0.05 0.019 0.057 0.74 12.0 2.5 78.5 7.0 Summer Green_IN 25-1 9/8/2015 12:19 0.03 0.009 0.859 2.62 1,434.0 2.5 114.1 6.1 Summer Green_IN Green_IN 25-2 9/8/2015 12:34 0.05 0.014 0.306 1.17 470.0 1.2 54.4 5.7 Summer Green_IN 25-3 9/8/2015 13:34 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green_IN 25-4 9/8/2015 13:04 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green_IN 25-5 9/8/2015 13:34 0.03 0.001 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green_IN 25-6 9/8/2015 13:34 0.03 0.009 0.018 0.55 38.5 1.3 38.7 6.0 Summer Green_IN <td>Green_IN</td> <td>24-13</td> <td>8/19/2015</td> <td>1:46</td> <td>0.05</td> <td>0.018</td> <td>0.065</td> <td>0.85</td> <td>9.3</td> <td>2.6</td> <td>87.5</td> <td>6.9</td> <td>Summer</td>	Green_IN	24-13	8/19/2015	1:46	0.05	0.018	0.065	0.85	9.3	2.6	87.5	6.9	Summer
Green_IN 25-1 9/8/2015 12:19 0.03 0.009 0.859 2.62 1,434.0 2.5 114.1 6.1 Summer Green_IN Green_IN 25-2 9/8/2015 12:49 0.05 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green_IN Green_IN 25-3 9/8/2015 13:04 0.06 0.023 0.139 0.55 64.5 2.1 34.5 5.9 Summer Green_IN Green_IN 25-5 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 34.5 5.9 Summer Green_IN Green_IN 25-6 9/8/2015 13:48 0.03 0.000 0.013 0.66 62.5 1.3 38.7 6.0 Summer Green_IN Green_IN 25-8 9/8/2015 13:48 0.03 0.009 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green_IN Green_IN 25-9 9/8/2015	Green_IN	24-14	8/19/2015	2:01	0.05	0.018	0.063	0.72	10.0	2.8	85.2	6.9	Summer
Green IN 25-2 9/8/2015 12:34 0.05 0.014 0.306 1.17 470.0 1.2 54.4 5.7 Summer Green_IN Green_IN 25-3 9/8/2015 12:49 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green_IN Green_IN 25-5 9/8/2015 13:04 0.06 0.021 0.215 0.66 62.5 2.1 34.5 5.9 Summer Green_IN Green_IN 25-5 9/8/2015 13:34 0.03 0.010 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green_IN Green_IN 25-7 9/8/2015 13:48 0.03 0.009 0.992 0.55 38.5 1.3 29.4 6.2 Summer Green_IN Green_IN 25-8 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green_IN Green_IN 25-10 9/8/2015	Green_IN	24-15	8/19/2015	2:16	0.05	0.019	0.057	0.74	12.0	2.5	78.5	7.0	Summer
Green_IN 25-3 9/8/2015 12:49 0.06 0.020 0.172 0.68 115.5 1.3 38.0 5.6 Summer Green_IN 25-4 9/8/2015 13:04 0.06 0.023 0.139 0.55 64.5 2.1 34.5 5.9 Summer Green_IN 25-5 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green_IN 25-6 9/8/2015 13:48 0.03 0.000 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green_IN 25-7 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.5 32.1 6.2 Summer Green_IN 25-9 9/8/2015 13:52 0.03 0.009 0.092 0.53 38.5 1.3 29.4 6.2 Summer Green_IN 25-10 9/8/2015 13:58 0.03 0.009<	Green_IN	25-1	9/8/2015	12:19	0.03	0.009	0.859	2.62	1,434.0	2.5	114.1	6.1	Summer
Green_IN 25-4 9/8/2015 13:04 0.06 0.023 0.139 0.55 64.5 2.1 34.5 5.9 Summer Green_IN Green_IN 25-5 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green_IN Green_IN 25-6 9/8/2015 13:34 0.03 0.010 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green_IN Green_IN 25-7 9/8/2015 13:48 0.03 0.009 0.113 0.64 78.5 1.5 32.1 6.2 Summer Green_IN Green_IN 25-9 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green_IN Green_IN 25-10 9/8/2015 13:58 0.03 0.009 0.077 0.52 12.0 2.4 27.7 6.1 Summer Green_IN Green_IN 25-11 9/8/2015 <	Green_IN	25-2	9/8/2015	12:34	0.05	0.014	0.306	1.17	470.0	1.2	54.4	5.7	Summer
Green_IN 25-5 9/8/2015 13:19 0.06 0.021 0.215 0.66 62.5 1.3 38.7 6.0 Summer Green_IN Green_IN 25-6 9/8/2015 13:34 0.03 0.010 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green_IN Green_IN 25-7 9/8/2015 13:48 0.03 0.009 0.113 0.64 78.5 1.5 32.1 6.2 Summer Green_IN Green_IN 25-8 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green_IN Green_IN 25-10 9/8/2015 13:58 0.03 0.009 0.094 0.53 22.0 1.7 29.2 6.2 Summer Green_IN Green_IN 25-12 9/8/2015 15:06 0.04 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN Green_IN 25-12 9/8/2015	Green_IN	25-3	9/8/2015	12:49	0.06	0.020	0.172	0.68	115.5	1.3	38.0	5.6	Summer
Green_IN 25-6 9/8/2015 13:34 0.03 0.010 0.178 0.59 44.0 2.4 39.8 6.2 Summer Green_IN 25-7 9/8/2015 13:48 0.03 0.009 0.113 0.64 78.5 1.5 32.1 6.2 Summer Green_IN 25-8 9/8/2015 13:51 0.03 0.009 0.992 0.55 38.5 1.3 29.4 6.2 Summer Green_IN 25-9 9/8/2015 13:52 0.03 0.009 0.094 0.53 22.0 1.7 29.2 6.2 Summer Green_IN 25-10 9/8/2015 13:58 0.03 0.009 0.097 0.52 12.0 2.4 27.7 6.1 Summer Green_IN 25-11 9/8/2015 15:06 0.04 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.00	Green_IN	25-4	9/8/2015	13:04	0.06	0.023	0.139	0.55	64.5	2.1	34.5	5.9	Summer
Green_IN 25-7 9/8/2015 13:48 0.03 0.099 0.113 0.64 78.5 1.5 32.1 6.2 Summer Green_IN 25-8 9/8/2015 13:51 0.03 0.009 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green_IN 25-9 9/8/2015 13:52 0.03 0.009 0.094 0.53 22.0 1.7 29.2 6.2 Summer Green_IN 25-10 9/8/2015 15:36 0.03 0.009 0.077 0.52 12.0 2.4 27.7 6.1 Summer Green_IN 25-11 9/8/2015 15:13 0.03 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.092 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:37 0.03 0.0	Green_IN	25-5	9/8/2015	13:19	0.06	0.021	0.215	0.66	62.5	1.3	38.7	6.0	Summer
Green_IN 25-8 9/8/2015 13:51 0.03 0.099 0.092 0.55 38.5 1.3 29.4 6.2 Summer Green_IN 25-9 9/8/2015 13:52 0.03 0.009 0.094 0.53 22.0 1.7 29.2 6.2 Summer Green_IN 25-10 9/8/2015 13:58 0.03 0.009 0.077 0.52 12.0 2.4 27.7 6.1 Summer Green_IN 25-11 9/8/2015 15:06 0.04 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN 25-12 9/8/2015 15:13 0.03 0.010 0.103 0.68 85.5 3.3 54.5 6.3 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:34 0.03 0.	Green_IN	25-6	9/8/2015	13:34	0.03	0.010	0.178	0.59	44.0	2.4	39.8	6.2	Summer
Green_IN 25-9 9/8/2015 13:52 0.03 0.009 0.094 0.53 22.0 1.7 29.2 6.2 Summer Green_IN 25-10 9/8/2015 13:58 0.03 0.009 0.077 0.52 12.0 2.4 27.7 6.1 Summer Green_IN 25-11 9/8/2015 15:06 0.04 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN 25-12 9/8/2015 15:13 0.03 0.010 0.103 0.68 85.5 3.3 54.5 6.3 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.64 44.0 3.9 71.2 6.8 Summer Green_IN 25-15 9/8/2015 17:09 0.04 0	Green_IN	25-7	9/8/2015	13:48	0.03	0.009	0.113	0.64	78.5	1.5	32.1	6.2	Summer
Green_IN 25-10 9/8/2015 13:58 0.03 0.009 0.077 0.52 12.0 2.4 27.7 6.1 Summer Green_IN 25-11 9/8/2015 15:06 0.04 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN 25-12 9/8/2015 15:13 0.03 0.010 0.103 0.68 85.5 3.3 54.5 6.3 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.64 44.0 3.9 71.2 6.8 Summer Green_IN 25-15 9/8/2015 16:54 0.03 0.010 0.074 0.50 15.5 3.1 51.9 6.9 Summer Green_IN 25-16 9/8/2015 17:09 0.04	Green_IN	25-8	9/8/2015	13:51	0.03	0.009	0.092	0.55	38.5	1.3	29.4	6.2	Summer
Green_IN 25-11 9/8/2015 15:06 0.04 0.012 0.154 1.04 109.5 3.9 67.2 6.1 Summer Green_IN 25-12 9/8/2015 15:13 0.03 0.010 0.103 0.68 85.5 3.3 54.5 6.3 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.64 44.0 3.9 71.2 6.8 Summer Green_IN 25-15 9/8/2015 16:54 0.03 0.010 0.074 0.50 15.5 3.1 51.9 6.9 Summer Green_IN 25-16 9/8/2015 17:09 0.04 0.012 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green_IN 25-17 9/8/2015 17:24 0.03	Green_IN	25-9	9/8/2015	13:52	0.03	0.009	0.094	0.53	22.0	1.7	29.2	6.2	Summer
Green_IN 25-12 9/8/2015 15:13 0.03 0.010 0.103 0.68 85.5 3.3 54.5 6.3 Summer Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.64 44.0 3.9 71.2 6.8 Summer Green_IN 25-15 9/8/2015 16:54 0.03 0.010 0.074 0.50 15.5 3.1 51.9 6.9 Summer Green_IN 25-16 9/8/2015 17:09 0.04 0.012 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green_IN 25-17 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 26-1 11/5/2015 19:07 0.04 0	Green_IN	25-10	9/8/2015	13:58	0.03	0.009	0.077	0.52	12.0	2.4	27.7	6.1	Summer
Green_IN 25-13 9/8/2015 16:37 0.03 0.009 0.095 0.66 47.0 3.7 72.2 6.8 Summer Green_IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.64 44.0 3.9 71.2 6.8 Summer Green_IN 25-15 9/8/2015 17:09 0.04 0.012 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green_IN 25-16 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 25-17 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 26-1 11/5/2015 19:07 0.04 0.012 0.373 1.6 324.7 4.6 87.0 6.8 Fall Green_IN 26-2 11/5/2015 19:37 0.07 0.0	Green_IN	25-11	9/8/2015	15:06	0.04	0.012	0.154	1.04	109.5	3.9	67.2	6.1	Summer
Green_IN 25-14 9/8/2015 16:39 0.03 0.009 0.092 0.64 44.0 3.9 71.2 6.8 Summer Green_IN 25-15 9/8/2015 16:54 0.03 0.010 0.074 0.50 15.5 3.1 51.9 6.9 Summer Green_IN 25-16 9/8/2015 17:09 0.04 0.012 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green_IN 25-17 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 26-1 11/5/2015 19:07 0.04 0.012 0.373 1.6 324.7 4.6 87.0 6.8 Fall Green_IN 26-2 11/5/2015 19:22 0.09 0.037 0.139 0.67 102.7 2.6 41.1 6.6 Fall Green_IN 26-3 11/5/2015 19:37 0.07 0.02	Green_IN	25-12	9/8/2015	15:13	0.03	0.010	0.103	0.68	85.5	3.3	54.5	6.3	Summer
Green_IN 25-15 9/8/2015 16:54 0.03 0.010 0.074 0.50 15.5 3.1 51.9 6.9 Summer Green_IN 25-16 9/8/2015 17:09 0.04 0.012 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green_IN 25-17 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 26-1 11/5/2015 19:07 0.04 0.012 0.373 1.6 324.7 4.6 87.0 6.8 Fall Green_IN 26-2 11/5/2015 19:22 0.09 0.037 0.139 0.67 102.7 2.6 41.1 6.6 Fall Green_IN 26-3 11/5/2015 19:37 0.07 0.025 0.104 0.59 26.0 5.4 50.0 6.6 Fall Green_IN 26-4 11/5/2015 20:07 0.07 0.024<	Green_IN	25-13	9/8/2015	16:37	0.03	0.009	0.095	0.66	47.0	3.7	72.2	6.8	Summer
Green_IN 25-16 9/8/2015 17:09 0.04 0.012 0.095 0.55 24.0 1.6 55.0 6.9 Summer Green_IN 25-17 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 26-1 11/5/2015 19:07 0.04 0.012 0.373 1.6 324.7 4.6 87.0 6.8 Fall Green_IN 26-2 11/5/2015 19:22 0.09 0.037 0.139 0.67 102.7 2.6 41.1 6.6 Fall Green_IN 26-3 11/5/2015 19:37 0.07 0.025 0.104 0.59 26.0 5.4 50.0 6.6 Fall Green_IN 26-4 11/5/2015 19:52 0.07 0.024 0.102 0.65 22.5 2.8 58.2 6.7 Fall Green_IN 26-5 11/5/2015 20:07 0.07 0.026 <td>Green_IN</td> <td>25-14</td> <td>9/8/2015</td> <td>16:39</td> <td>0.03</td> <td>0.009</td> <td>0.092</td> <td>0.64</td> <td>44.0</td> <td>3.9</td> <td>71.2</td> <td>6.8</td> <td>Summer</td>	Green_IN	25-14	9/8/2015	16:39	0.03	0.009	0.092	0.64	44.0	3.9	71.2	6.8	Summer
Green_IN 25-17 9/8/2015 17:24 0.03 0.009 0.103 0.53 13.5 4.3 62.2 7.0 Summer Green_IN 26-1 11/5/2015 19:07 0.04 0.012 0.373 1.6 324.7 4.6 87.0 6.8 Fall Green_IN 26-2 11/5/2015 19:22 0.09 0.037 0.139 0.67 102.7 2.6 41.1 6.6 Fall Green_IN 26-3 11/5/2015 19:37 0.07 0.025 0.104 0.59 26.0 5.4 50.0 6.6 Fall Green_IN 26-4 11/5/2015 19:52 0.07 0.024 0.102 0.65 22.5 2.8 58.2 6.7 Fall Green_IN 26-5 11/5/2015 20:07 0.07 0.026 0.079 0.49 38.5 2.4 48.7 6.5 Fall Green_IN 26-6 11/5/2015 20:37 0.06 0.023	Green_IN	25-15	9/8/2015	16:54	0.03	0.010	0.074	0.50	15.5	3.1	51.9	6.9	Summer
Green_IN 26-1 11/5/2015 19:07 0.04 0.012 0.373 1.6 324.7 4.6 87.0 6.8 Fall Green_IN 26-2 11/5/2015 19:22 0.09 0.037 0.139 0.67 102.7 2.6 41.1 6.6 Fall Green_IN 26-3 11/5/2015 19:37 0.07 0.025 0.104 0.59 26.0 5.4 50.0 6.6 Fall Green_IN 26-4 11/5/2015 19:52 0.07 0.024 0.102 0.65 22.5 2.8 58.2 6.7 Fall Green_IN 26-5 11/5/2015 20:07 0.07 0.026 0.079 0.49 38.5 2.4 48.7 6.5 Fall Green_IN 26-6 11/5/2015 20:22 0.07 0.026 0.082 0.49 14.0 2.2 51.9 6.5 Fall Green_IN 26-7 11/5/2015 20:37 0.06 0.023	Green_IN	25-16	9/8/2015	17:09	0.04	0.012	0.095	0.55	24.0	1.6	55.0	6.9	Summer
Green_IN 26-2 11/5/2015 19:22 0.09 0.037 0.139 0.67 102.7 2.6 41.1 6.6 Fall Green_IN 26-3 11/5/2015 19:37 0.07 0.025 0.104 0.59 26.0 5.4 50.0 6.6 Fall Green_IN 26-4 11/5/2015 19:52 0.07 0.024 0.102 0.65 22.5 2.8 58.2 6.7 Fall Green_IN 26-5 11/5/2015 20:07 0.07 0.026 0.079 0.49 38.5 2.4 48.7 6.5 Fall Green_IN 26-6 11/5/2015 20:22 0.07 0.026 0.082 0.49 14.0 2.2 51.9 6.5 Fall Green_IN 26-7 11/5/2015 20:37 0.06 0.023 0.076 0.45 14.0 2.2 58.9 6.6 Fall Green_IN 26-8 11/5/2015 20:52 0.06 0.022	Green_IN	25-17	9/8/2015	17:24	0.03	0.009	0.103	0.53	13.5	4.3	62.2	7.0	Summer
Green_IN 26-3 11/5/2015 19:37 0.07 0.025 0.104 0.59 26.0 5.4 50.0 6.6 Fall Green_IN 26-4 11/5/2015 19:52 0.07 0.024 0.102 0.65 22.5 2.8 58.2 6.7 Fall Green_IN 26-5 11/5/2015 20:07 0.07 0.026 0.079 0.49 38.5 2.4 48.7 6.5 Fall Green_IN 26-6 11/5/2015 20:22 0.07 0.026 0.082 0.49 14.0 2.2 51.9 6.5 Fall Green_IN 26-7 11/5/2015 20:37 0.06 0.023 0.076 0.45 14.0 2.2 58.9 6.6 Fall Green_IN 26-8 11/5/2015 20:52 0.06 0.022 0.071 0.45 11.5 2.5 64.0 6.7 Fall Green_IN 26-9 11/5/2015 21:07 0.06 0.020	Green_IN	26-1	11/5/2015	19:07	0.04	0.012	0.373	1.6	324.7	4.6	87.0	6.8	Fall
Green_IN 26-4 11/5/2015 19:52 0.07 0.024 0.102 0.65 22.5 2.8 58.2 6.7 Fall Green_IN 26-5 11/5/2015 20:07 0.07 0.026 0.079 0.49 38.5 2.4 48.7 6.5 Fall Green_IN 26-6 11/5/2015 20:22 0.07 0.026 0.082 0.49 14.0 2.2 51.9 6.5 Fall Green_IN 26-7 11/5/2015 20:37 0.06 0.023 0.076 0.45 14.0 2.2 58.9 6.6 Fall Green_IN 26-8 11/5/2015 20:52 0.06 0.022 0.071 0.45 11.5 2.5 64.0 6.7 Fall Green_IN 26-9 11/5/2015 21:07 0.06 0.020 0.064 0.63 11.0 2.8 55.1 6.8 Fall	Green_IN	26-2	11/5/2015	19:22	0.09	0.037	0.139	0.67	102.7	2.6	41.1	6.6	Fall
Green_IN 26-5 11/5/2015 20:07 0.07 0.026 0.079 0.49 38.5 2.4 48.7 6.5 Fall Green_IN 26-6 11/5/2015 20:22 0.07 0.026 0.082 0.49 14.0 2.2 51.9 6.5 Fall Green_IN 26-7 11/5/2015 20:37 0.06 0.023 0.076 0.45 14.0 2.2 58.9 6.6 Fall Green_IN 26-8 11/5/2015 20:52 0.06 0.022 0.071 0.45 11.5 2.5 64.0 6.7 Fall Green_IN 26-9 11/5/2015 21:07 0.06 0.020 0.064 0.63 11.0 2.8 55.1 6.8 Fall	Green_IN	26-3	11/5/2015	19:37	0.07	0.025	0.104	0.59	26.0	5.4	50.0	6.6	Fall
Green_IN 26-6 11/5/2015 20:22 0.07 0.026 0.082 0.49 14.0 2.2 51.9 6.5 Fall Green_IN 26-7 11/5/2015 20:37 0.06 0.023 0.076 0.45 14.0 2.2 58.9 6.6 Fall Green_IN 26-8 11/5/2015 20:52 0.06 0.022 0.071 0.45 11.5 2.5 64.0 6.7 Fall Green_IN 26-9 11/5/2015 21:07 0.06 0.020 0.064 0.63 11.0 2.8 55.1 6.8 Fall	Green_IN	26-4	11/5/2015	19:52	0.07	0.024	0.102	0.65	22.5	2.8	58.2	6.7	Fall
Green_IN 26-7 11/5/2015 20:37 0.06 0.023 0.076 0.45 14.0 2.2 58.9 6.6 Fall Green_IN 26-8 11/5/2015 20:52 0.06 0.022 0.071 0.45 11.5 2.5 64.0 6.7 Fall Green_IN 26-9 11/5/2015 21:07 0.06 0.020 0.064 0.63 11.0 2.8 55.1 6.8 Fall	Green_IN	26-5	11/5/2015	20:07	0.07	0.026	0.079	0.49	38.5	2.4	48.7	6.5	Fall
Green_IN 26-8 11/5/2015 20:52 0.06 0.022 0.071 0.45 11.5 2.5 64.0 6.7 Fall Green_IN 26-9 11/5/2015 21:07 0.06 0.020 0.064 0.63 11.0 2.8 55.1 6.8 Fall	Green_IN	26-6	11/5/2015	20:22	0.07	0.026	0.082	0.49	14.0	2.2	51.9	6.5	Fall
Green_IN 26-9 11/5/2015 21:07 0.06 0.020 0.064 0.63 11.0 2.8 55.1 6.8 Fall	Green_IN	26-7	11/5/2015	20:37	0.06	0.023	0.076	0.45	14.0	2.2	58.9	6.6	Fall
	Green_IN	26-8	11/5/2015	20:52	0.06	0.022	0.071	0.45	11.5	2.5	64.0	6.7	Fall
Green_IN 26-10 11/5/2015 21:22 0.06 0.020 0.063 0.65 11.5 1.9 48.9 6.8 Fall	Green_IN	26-9	11/5/2015	21:07	0.06	0.020	0.064	0.63	11.0	2.8	55.1	6.8	Fall
	Green_IN	26-10	11/5/2015	21:22	0.06	0.020	0.063	0.65	11.5	1.9	48.9	6.8	Fall

Green_IN	26-11	11/5/2015	21:37	0.06	0.020	0.047	0.61	9.2	1.8	48.7	6.8	Fall
Green_IN	26-12	11/5/2015	21:52	0.06	0.020	0.063	0.63	8.5	1.9	49.7	6.8	Fall
Green_IN	26-13	11/5/2015	22:07	0.06	0.020	0.067	0.63	8.0	1.5	49.1	6.7	Fall
Green_IN	26-14	11/5/2015	22:22	0.06	0.020	0.071	0.63	7.0	1.4	51.2	6.8	Fall
Green_IN	26-15	11/5/2015	22:37	0.06	0.020	0.076	0.69	7.5	1.6	54.9	6.8	Fall
Green_IN	26-16	11/5/2015	22:52	0.06	0.020	0.076	0.65	8.0	1.4	55.8	6.9	Fall
Green_IN	26-17	11/5/2015	23:07	0.06	0.020	0.082	0.67	8.5	1.4	57.1	6.9	Fall
Green_IN	26-18	11/5/2015	23:22	0.06	0.020	0.084	0.63	239.3	1.3	60.2	6.9	Fall
Green_IN	26-19	11/5/2015	23:37	0.06	0.020	0.083	0.61	12.0	1.0	63.1	6.9	Fall
Green_IN	26-20	11/5/2015	23:52	0.06	0.020	0.089	0.69	7.0	1.1	64.6	7.0	Fall
Green_IN	26-21	11/5/2015	0:07	0.06	0.020	0.090	0.65	5.5	1.1	65.0	7.0	Fall
Green_IN	26-22	11/5/2015	0:22	0.06	0.020	0.089	0.57	10.7	1.5	67.3	7.0	Fall
Green_IN	26-23	11/5/2015	0:37	0.06	0.019	0.090	0.65	12.0	1.4	64.7	7.0	Fall
Green_IN	26-24	11/5/2015	0:52	0.06	0.019	0.090	0.67	10.0	1.4	72.4	7.1	Fall

Table 23. Greenwood-OUT Post-Implementation Water Quality Data

Site	Sample ID	Date	Time	Level (m)	Q (cms)	TP (mg/L)	TN (mg/L)	TSS (mg/L)	Chl (mg/L)	SC uS/cm)	рН	Season
Green_OUT	15-1	10/9/2014	15:26	0.18	0.012	0.171	1.66	325	11.0	156.7	7.1	Fall
Green_OUT	15-2	10/9/2014	15:56	0.34	0.018	0.061	3.29	50	4.8	53.0	7.4	Fall
Green_OUT	15-3	10/9/2014	16:26	0.33	0.017	0.076	0.59	17.0	4.3	49.3	7.4	Fall
Green_OUT	15-4	10/9/2014	16:56	0.31	0.017	0.086	0.61	16.0	4.9	52.7	7.3	Fall
Green_OUT	15-5	10/9/2014	17:26	0.30	0.016	0.084	0.61	7.0	4.8	51.9	7.2	Fall
Green_OUT	15-6	10/9/2014	17:56	0.24	0.015	0.093	0.61	8.0	5.3	65.7	7.2	Fall
Green_OUT	15-7	10/9/2014	18:26	0.13	0.010	0.101	0.33	6.0	4.1	70.4	7.2	Fall
Green_OUT	15-8	10/9/2014	18:56	0.06	0.005	0.107	1.16	6.0	4.2	81.8	7.2	Fall
Green_OUT	15-10	10/9/2014	22:10	0.20	0.013	0.062	1.02	24.0	4.3	105.7	7.1	Fall
Green_OUT	15-11	10/9/2014	22:40	0.11	0.009	0.063	0.65	19.0	3.7	80.8	7.2	Fall
Green_OUT	15-12	10/9/2014	23:10	0.06	0.004	0.086	0.83	8.0	3.8	85.7	7.2	Fall
Green_OUT	16-1	11/23/2014	19:23	0.08	0.006	0.186	2.25	142	15.4	193.5	7.4	Fall
Green_OUT	16-2	11/23/2014	19:53	0.25	0.015	0.104	1.69	44.0	4.5	62.5	7.7	Fall
Green_OUT	16-3	11/23/2014	20:23	0.15	0.011	0.106	0.78	17.5	3.7	58.0	7.1	Fall
Green_OUT	16-4	11/23/2014	20:53	0.10	0.008	0.108	0.95	16.0	3.3	60.8	6.7	Fall
Green_OUT	16-5	11/23/2014	21:23	0.19	0.013	0.083	0.6	13.0	3.4	68.8	6.3	Fall
Green_OUT	16-6	11/23/2014	21:53	0.27	0.016	0.084	0.12	11.5	3.7	73.0	7.3	Fall
Green_OUT	16-7	11/23/2014	22:23	0.20	0.013	0.092	0.68	9.5	3.3	67.8	6.9	Fall
Green_OUT	16-8	11/23/2014	22:53	0.11	0.009	0.093	2.87	9.0	2.8	61.2	7.1	Fall
Green_OUT	17-1	12/14/2014	22:58	0.11	0.008	0.320	2.21	358.7	27.0	229.0	7.4	Fall
Green_OUT	17-2	12/14/2014	23:28	0.29	0.016	0.155	0.70	22.5	7.8	80.9	7.7	Fall
Green_OUT	17-3	12/14/2014	23:58	0.26	0.015	0.123	1.01	15.3	5.9	65.2	7.6	Fall
Green_OUT	17-4	12/15/2014	0:28	0.29	0.016	0.100	0.48	16.7	4.6	56.3	7.5	Fall
Green_OUT	17-5	12/15/2014	0:58	0.32	0.017	0.117	0.59	20.7	5.3	62.6	7.5	Fall
Green_OUT	17-6	12/15/2014	1:28	0.26	0.015	0.111	1.12	12.7	4.4	57.3	7.4	Fall
Green_OUT	17-7	12/15/2014	1:58	0.17	0.012	0.147	0.85	14.7	5.0	65.8	7.4	Fall
Green_OUT	17-8	12/15/2014	2:28	0.13	0.010	0.153	1.47	10.0	4.8	74.2	7.4	Fall
Green_OUT	18-1	3/25/2015	19:52	0.17	0.012	0.145	1.24	63.5	13.7	125.6	7.2	Spring

		1						1		1		1
Green_OUT	18-2	3/25/2015	20:22	0.18	0.012	0.083	0.93	31	7.5	90.4	7.5	Spring
Green_OUT	18-3	3/25/2015	20:52	0.18	0.012	0.079	0.87	18.5	5.2	80.7	7.6	Spring
Green_OUT	18-4	3/25/2015	21:22	0.25	0.015	0.072	0.77	18	6.3	88.1	7.6	Spring
Green_OUT	18-5	3/25/2015	21:52	0.27	0.016	0.098	0.66	23.5	4.8	80.4	7.7	Spring
Green_OUT	18-6	3/25/2015	22:22	0.31	0.017	0.101	0.56	15	4.0	68.1	7.8	Spring
Green_OUT	18-7	3/25/2015	22:52	0.32	0.017	0.115	0.70	24.5	4.1	70.7	7.8	Spring
Green_OUT	18-8	3/25/2015	23:22	0.30	0.017	0.122	0.79	23	4.0	70.8	7.7	Spring
Green_OUT	18-9	3/25/2015	23:52	0.28	0.016	0.121	0.77	18.5	4.2	71.1	7.7	Spring
Green_OUT	18-10	3/26/2015	0:22	0.23	0.014	0.124	0.79	18.5	5.2	81.6	7.6	Spring
Green_OUT	18-11	3/26/2015	0:52	0.19	0.013	0.116	0.89	14	9.1	103.9	7.6	Spring
Green_OUT	18-12	3/26/2015	1:22	0.14	0.010	0.108	0.95	12	11.4	125.2	7.5	Spring
Green_OUT	19-1	4/1/2015	14:06	0.29	0.016	0.496	2.67	672.0	16.9	196.7	7.3	Spring
Green_OUT	19-2	4/1/2015	14:36	0.35	0.018	0.214	1.28	96.7	7.3	108.4	7.5	Spring
Green_OUT	19-3	4/1/2015	15:06	0.32	0.017	0.148	1.26	50.0	6.6	99.2	7.5	Spring
Green_OUT	19-4	4/1/2015	15:36	0.26	0.015	0.136	1.22	49.3	6.9	99.6	7.5	Spring
Green_OUT	19-5	4/1/2015	16:06	0.19	0.013	0.144	1.18	33.3	6.8	96.4	7.5	Spring
Green_OUT	19-6	4/1/2015	16:36	0.15	0.011	0.127	1.20	30.0	6.9	103.5	7.4	Spring
Green_OUT	20-1	4/15/2015	9:24	0.11	0.008	0.127	1.24	18.5	13.6	169.4	7.2	Spring
Green_OUT	20-2	4/15/2015	9:54	0.08	0.006	0.111	1.15	15.5	9.7	124.5	7.3	Spring
Green_OUT	20-3	4/15/2015	12:01	0.07	0.005	0.093	1.02	8.0	7.2	106.9	7.4	Spring
Green_OUT	20-4	4/15/2015	12:10	0.09	0.007	0.092	1.00	9.5	9.1	118.6	7.4	Spring
Green_OUT	20-5	4/15/2015	12:40	0.12	0.009	0.094	0.86	7.0	10.4	134.8	7.4	Spring
Green_OUT	20-6	4/15/2015	13:10	0.10	0.008	0.089	0.80	7.5	10.0	115.3	7.4	Spring
Green_OUT	21-1	4/22/2015	2:17	0.08	0.006	0.111	1.59	33.0	5.8	116.5	6.2	Spring
Green_OUT	21-2	4/22/2015	2:39	0.25	0.015	0.130	1.51	28.5	5.8	89.3	7.0	Spring
Green_OUT	21-3	4/22/2015	3:09	0.24	0.015	0.110	1.13	14.0	3.3	64.8	7.1	Spring
Green_OUT	21-4	4/22/2015	3:39	0.14	0.011	0.106	1.09	10.0	3.4	67.4	7.1	Spring
Green_OUT	21-5	4/22/2015	4:09	0.08	0.006	0.105	1.00	11.0	3.3	71.5	7.1	Spring
Green_OUT	22-1	7/7/2015	4:33	0.30	0.016	0.105	0.79	23.5	7.5	120.0	7.7	Summer
Green_OUT	22-2	7/7/2015	5:03	0.45	0.021	0.159	0.68	27.5	3.9	55.9	6.9	Summer

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Green_OUT	22-3	7/7/2015	5:33	0.43	0.020	0.313	0.86	22.5	4.6	61.9	6.4	Summer
Green_OUT	22-4	7/7/2015	6:03	0.40	0.019	0.43	0.95	19.0	5.3	78.3	6.2	Summer
Green_OUT	22-5	7/7/2015	6:33	0.34	0.018	0.394	0.97	11.5	6.2	82.2	6.1	Summer
Green_OUT	22-6	7/7/2015	7:03	0.24	0.014	0.301	0.82	6.0	5.5	104.2	6.1	Summer
Green_OUT	22-7	7/7/2015	7:33	0.12	0.009	0.227	0.82	10.0	7.9	148.3	6.4	Summer
Green_OUT	23-1	8/8/2015	10:21	0.23	0.014	0.172	1.40	138.7	7.0	111.4	6.3	Summer
Green_OUT	23-2	8/8/2015	10:22	0.27	0.016	0.170	1.40	101.3	6.3	103.9	6.5	Summer
Green_OUT	23-3	8/8/2015	10:36	0.37	0.019	0.081	0.82	27.3	2.1	48.5	6.3	Summer
Green_OUT	23-4	8/8/2015	10:51	0.37	0.019	0.106	0.82	25.5	1.9	41.3	5.9	Summer
Green_OUT	23-5	8/8/2015	11:06	0.35	0.018	0.140	0.87	22.0	2.0	43.1	5.8	Summer
Green_OUT	23-6	8/8/2015	11:21	0.33	0.017	0.180	1.07	12.0	2.1	44.5	5.9	Summer
Green_OUT	23-7	8/8/2015	11:36	0.31	0.017	0.287	1.22	5.3	2.6	53.5	6.0	Summer
Green_OUT	23-8	8/8/2015	11:51	0.28	0.016	0.290	1.22	9.0	3.2	59.8	6.2	Summer
Green_OUT	23-9	8/8/2015	12:06	0.23	0.014	0.248	1.07	6.0	3.4	63.4	6.2	Summer
Green_OUT	23-10	8/8/2015	12:21	0.16	0.012	0.191	0.99	6.0	3.1	62.1	6.1	Summer
Green_OUT	23-11	8/8/2015	12:36	0.10	0.008	0.151	0.99	3.3	3.4	63.4	6.4	Summer
Green_OUT	24-1	8/19/2015	6:54	0.10	0.007	0.073	0.85	3.3	5.4	109.9	7.3	Summer
Green_OUT	24-2	8/19/2015	7:00	0.12	0.009	0.070	0.76	2.0	2.9	87.3	6.9	Summer
Green_OUT	24-3	8/19/2015	7:15	0.14	0.010	0.057	0.55	3.3	2.4	66.7	6.8	Summer
Green_OUT	24-4	8/19/2015	7:30	0.15	0.011	0.055	0.46	2.0	1.6	56.6	6.8	Summer
Green_OUT	24-5	8/19/2015	7:45	0.16	0.011	0.051	0.40	3.3	1.7	53.3	6.7	Summer
Green_OUT	24-6	8/19/2015	8:00	0.14	0.010	0.058	0.40	3.0	1.7	52.1	6.7	Summer
Green_OUT	24-7	8/19/2015	8:15	0.11	0.008	0.059	0.38	7.3	2.0	56.4	6.8	Summer
Green_OUT	25-1	9/8/2015	12:33	0.10	0.007	0.280	2.08	174.7	9.2	143.8	6.8	Summer
Green_OUT	25-2	9/8/2015	12:41	0.30	0.016	0.106	0.78	98.0	3.9	81.3	6.8	Summer
Green_OUT	25-3	9/8/2015	12:56	0.35	0.018	0.092	0.67	53.5	1.5	43.7	6.6	Summer
Green_OUT	25-4	9/8/2015	13:11	0.41	0.020	0.081	0.52	28.7	1.2	31.8	6.4	Summer
Green_OUT	25-5	9/8/2015	13:26	0.44	0.020	0.081	0.54	19.2	1.2	29.7	6.3	Summer
Green_OUT	25-6	9/8/2015	13:41	0.44	0.020	0.096	0.62	18.5	1.5	34.0	6.2	Summer
Green_OUT	25-7	9/8/2015	13:56	0.43	0.020	0.089	0.50	16.0	1.6	33.4	6.2	Summer

Green_OUT	25-8	9/8/2015	14:11	0.41	0.020	0.112	0.48	13.5	1.5	32.5	6.2	Summer
Green_OUT	25-9	9/8/2015	14:26	0.39	0.019	0.134	0.52	15.0	1.6	34.1	6.2	Summer
Green_OUT	25-10	9/8/2015	14:41	0.37	0.019	0.205	0.58	12.5	2.0	37.2	6.2	Summer
Green_OUT	25-11	9/8/2015	14:56	0.35	0.018	0.265	0.72	16.0	2.4	41.3	6.1	Summer
Green_OUT	25-12	9/8/2015	15:11	0.34	0.018	0.294	0.74	10.0	2.5	42.1	6.2	Summer
Green_OUT	25-13	9/8/2015	15:26	0.32	0.017	0.258	0.70	9.5	2.5	43.5	6.2	Summer
Green_OUT	25-14	9/8/2015	15:41	0.28	0.016	0.293	0.74	9.0	2.7	49.5	6.2	Summer
Green_OUT	25-15	9/8/2015	15:56	0.22	0.014	0.307	0.90	13.5	3.6	63.6	6.3	Summer
Green_OUT	25-16	9/8/2015	16:11	0.15	0.011	0.252	0.88	12.5	2.9	70.4	6.4	Summer
Green_OUT	25-17	9/8/2015	16:26	0.10	0.008	0.222	0.92	10.0	3.3	76.4	6.4	Summer
Green_OUT	25-18	9/8/2015	16:54	0.09	0.007	0.211	0.85	11.5	4.2	85.3	6.5	Summer
Green_OUT	25-19	9/8/2015	16:56	0.10	0.007	0.203	0.90	10.5	4.7	89.1	6.5	Summer
Green_OUT	25-20	9/8/2015	17:11	0.12	0.009	0.159	1.08	12.0	7.0	117.6	6.6	Summer
Green_OUT	25-21	9/8/2015	17:26	0.12	0.009	0.140	0.84	8.0	6.0	106.9	6.8	Summer
Green_OUT	25-22	9/8/2015	17:41	0.11	0.008	0.148	0.74	5.0	5.0	94.7	6.8	Summer
Green_OUT	26-1	11/5/2015	19:21	0.12	0.009	0.199	1.29	90.0	8.6	112.0	7.1	Fall
Green_OUT	26-2	11/5/2015	19:27	0.22	0.014	0.144	1.02	44.0	3.6	76.4	7.2	Fall
Green_OUT	26-3	11/5/2015	19:42	0.18	0.012	0.104	0.85	36.5	2.9	69.2	7.1	Fall
Green_OUT	26-4	11/5/2015	19:57	0.10	0.007	0.101	0.71	20.5	3.8	63.2	7.0	Fall
Green_OUT	26-5	11/5/2015	20:12	0.08	0.006	0.087	1.18	18.5	2.3	57.8	7.0	Fall
Green_OUT	26-6	11/5/2015	20:27	0.09	0.007	0.092	0.83	17.3	2.7	62.7	6.9	Fall

APPENDIX D – MEAN EVENT CONCENTRATIONS AND LOADS

Table 24. Drury-IN Pre-Implementation Water Quality EMC, Load, and Yield

	Rainfall	Runoff	Runoff Yield		EMC (mg/L)			Event Loa	ad (kg)			Event Yie	eld (kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
8/31/2012	2.08	211,343	111,233	0.108	0.39	62.6	1.4	0.023	0.08	13.2	0.3	0.012	0.043	6.963	0.156
10/12/2012	2.59	225,764	118,823	0.493	0.97	112.6	0.2	0.111	0.22	25.4	0.0	0.059	0.115	13.379	0.024
11/11/2012	1.80	88,014	46,323	0.143	1.13	51.8	1.2	0.013	0.10	4.6	0.1	0.007	0.052	2.400	0.056
12/4/2012	1.19	108,231	56,964	0.093	0.57	39.6	1.1	0.010	0.06	4.3	0.1	0.005	0.032	2.256	0.063
4/10/2013	3.43	283,731	149,332	0.091	0.77	64.3	1.7	0.026	0.22	18.2	0.5	0.014	0.115	9.602	0.254
4/26/2013	3.96	175,578	92,409	0.064	0.86	12.0	1.6	0.011	0.15	2.1	0.3	0.006	0.079	1.109	0.148
9/20/2013	3.12	283,285	149,097	0.136	0.52	8.4	1.4	0.039	0.15	2.4	0.4	0.020	0.078	1.252	0.209
10/5/2013	3.40	134,058	70,557	0.065	0.37	18.6	0.7	0.009	0.05	2.5	0.1	0.005	0.026	1.312	0.049
10/29/2013	5.18	191,729	100,910	0.060	0.63	24.3	0.2	0.012	0.12	4.7	0.0	0.006	0.064	2.452	0.020
11/6/2013	1.12	72,836	38,335	0.099	0.21	29.0	0.7	0.007	0.02	2.1	0.1	0.004	0.008	1.112	0.027
11/21/2013	1.96	91,473	48,144	0.085	0.35	28.7	0.3	0.008	0.03	2.6	0.0	0.004	0.017	1.382	0.014
3/8/2014	0.58	13,596	7,156	0.172	1.13	77.7	26.3	0.002	0.02	1.1	0.4	0.001	0.008	0.556	0.188
3/16/2014	2.26	39,086	20,572	0.115	0.80	57.4	15.9	0.004	0.03	2.2	0.6	0.002	0.016	1.181	0.327
4/27/2014	1.27	55,749	29,342	0.246	1.52	100.9	2.1	0.014	0.08	5.6	0.1	0.007	0.045	2.961	0.062
5/8/2014	2.69	216,866	114,140	0.165	1.20	204.7	1.4	0.036	0.26	44.4	0.3	0.019	0.137	23.364	0.160

Table 25. Drury-IN Post-Implementation Water Quality EMC, Load, and Yield

	Rainfall	Runoff	Runoff Yield		EMC (mg/L)		1	Event Loa	ıd (kg)			Event Yie	ld (kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
10/9/2014	2.62	148,837	78,335	0.075	0.51	39.7	1.2	0.011	0.08	5.9	0.2	0.006	0.040	3.110	0.094
11/4/2014	2.34	66,324	34,907	0.086	0.51	19.1	1.1	0.006	0.03	1.3	0.1	0.003	0.018	0.667	0.038
3/13/2015	2.84	80,680	42,463	0.100	0.44	68.7	20.0	0.008	0.04	5.5	1.6	0.004	0.019	2.917	0.849
3/25/2015	2.36	92,799	48,842	0.112	0.57	30.8	7.1	0.010	0.05	2.9	0.7	0.005	0.028	1.504	0.347
4/2/2015	2.44	185,342	97,548	0.143	1.28	127.2	1.1	0.027	0.24	23.6	0.2	0.014	0.125	12.408	0.107
4/21/2015	2.03	136,599	71,894	0.287	2.22	154.6	1.0	0.039	0.30	21.1	0.1	0.021	0.160	11.115	0.072
7/7/2015	2.69	99,889	52,573	0.067	0.65	24.5	1.5	0.007	0.06	2.4	0.1	0.004	0.034	1.288	0.079
7/23/2015	4.72	353,932	186,280	0.070	0.86	15.0	1.8	0.025	0.30	5.3	0.6	0.013	0.160	2.794	0.335
9/9/2015	3.23	141,297	74,367	0.054	0.47	15.0	0.8	0.008	0.07	2.1	0.1	0.004	0.035	1.116	0.059
9/11/2015	1.32	49,820	26,221	0.082	0.77	22.3	2.0	0.004	0.04	1.1	0.1	0.002	0.020	0.585	0.052
11/5/2015	0.86	18,860	9,926	0.268	0.80	95.4	1.3	0.005	0.02	1.8	0.0	0.003	0.008	0.947	0.013

Table 26. Drury-OUT Pre-implementation Water Quality EMC, Load, and Yields

	Rainfall	Runoff	Runoff Yield		EMC (mg/L)			Event Loa	ad (kg)			Event Yie	eld (kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
8/31/2012	2.08	211,343	96,065	0.126	0.69	95.1	2.4	0.027	0.15	20.1	0.5	0.012	0.066	9.136	0.231
10/12/2012	2.59	226,592	102,996	0.758	1.38	126.2	2.4	0.172	0.31	28.6	0.5	0.078	0.142	12.998	0.247
11/11/2012	1.80	119,155	54,161	0.203	1.30	58.9	1.7	0.024	0.15	7.0	0.2	0.011	0.070	3.190	0.092
12/4/2012	1.19	72,402	32,910	0.110	0.67	17.1	1.5	0.008	0.05	1.2	0.1	0.004	0.022	0.563	0.049
4/10/2013	3.43	197,560	89,800	0.237	1.10	134.1	1.1	0.047	0.22	26.5	0.2	0.021	0.099	12.042	0.099
4/26/2013	3.96	271,550	123,432	0.042	0.65	12.2	2.0	0.011	0.18	3.3	0.5	0.005	0.080	1.506	0.247
9/20/2013	3.12	335,978	152,717	0.153	0.42	39.7	1.6	0.051	0.14	13.3	0.5	0.023	0.064	6.063	0.244
10/5/2013	3.40	194,149	88,250	0.049	0.20	37.5	0.8	0.010	0.04	7.3	0.2	0.004	0.018	3.309	0.071
10/29/2013	5.18	469,788	213,540	0.125	0.52	18.2	0.6	0.059	0.24	8.6	0.3	0.027	0.111	3.886	0.128
11/6/2013	1.12	66,374	30,170	0.108	0.17	65.2	1.2	0.007	0.01	4.3	0.1	0.003	0.005	1.967	0.036
11/21/2013	1.96	79,899	36,318	0.101	0.33	38.6	0.1	0.008	0.03	3.1	0.0	0.004	0.012	1.402	0.004
3/8/2014	0.58	53,050	24,114	0.172	1.19	35.7	93.0	0.009	0.06	1.9	4.9	0.004	0.029	0.861	2.243
3/16/2014	2.26	325,165	147,802	0.085	0.72	15.9	23.6	0.028	0.23	5.2	7.7	0.013	0.106	2.350	3.488
4/27/2014	1.27	38,244	17,384	0.479	2.51	192.7	1.2	0.018	0.10	7.4	0.0	0.008	0.044	3.350	0.021
5/8/2014	2.69	152,812	69,460	0.255	1.32	214.8	0.3	0.039	0.20	32.8	0.0	0.018	0.092	14.920	0.021

Table 27. Drury-OUT Post-Implementation Water Quality EMC, Load, and Yield

	Rainfall	Runoff	Runoff Yield		EMC (ı	mg/L)			Event Loa	ıd (kg)			Event Yie	ld (kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	CI	TP	TN	TSS	Cl	TP	TN	TSS	Cl
10/9/2014	2.62	258,298	119,582	0.062	0.49	20.9	1.8	0.016	0.13	5.4	0.5	0.007	0.058	2.454	0.211
11/4/2014	2.34	44,772	20,728	0.104	0.51	16.8	1.3	0.005	0.02	8.0	0.1	0.002	0.010	0.342	0.026
3/13/2015	2.84	81,580	37,769	0.113	0.48	33.2	12.7	0.009	0.04	2.7	1.0	0.004	0.018	1.231	0.471
3/25/2015	2.36	46,913	21,719	0.069	0.54	13	9.4	0.003	0.03	0.6	0.4	0.001	0.012	0.277	0.200
4/2/2015	2.44	234,160	108,407	0.152	0.93	71.3	7.3	0.036	0.22	16.7	1.7	0.016	0.099	7.589	0.777
4/21/2015	2.03	72,312	33,478	0.197	1.60	90.6	1.2	0.014	0.12	6.6	0.1	0.006	0.053	2.978	0.039
7/7/2015	2.69	122,829	56,865	0.082	0.54	14.2	1.4	0.010	0.07	1.7	0.2	0.005	0.030	0.793	0.078
7/23/2015	4.72	483,337	223,767	0.078	0.95	7.8	1.1	0.038	0.46	3.8	0.5	0.017	0.210	1.714	0.242
9/9/2015	3.23	178,063	82,437	0.077	0.42	9.6	1.1	0.014	0.07	1.7	0.2	0.006	0.034	0.777	0.089
9/11/2015	1.32	32,098	14,860	0.121	0.91	27.5	3.4	0.004	0.03	0.9	0.1	0.002	0.013	0.401	0.050
11/5/2015	0.86	4,011	1,857	0.226	0.66	40.7	1.1	0.001	0.003	0.2	0.0	0.0004	0.001	0.074	0.002

Table 28. Greenwood-IN Pre-Implementation Water Quality EMC, Load, and Yield

	Rainfall	Runoff	Runoff Yield		EMC (mg/L)			Load (kg)			Yield	(kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
5/31/2012	3.56	146,056	162,284	0.226	1.29	144.2	2.2	0.033	0.19	21.1	0.3	0.037	0.209	23.401	0.357
6/11/2012	0.97	27,878	30,976	0.144	1.16	76.0	1.3	0.004	0.03	2.1	0.0	0.004	0.036	2.354	0.040
9/7/2012	2.59	29,851	33,168	0.456	1.53	774.6	1.5	0.014	0.05	23.1	0.0	0.015	0.051	25.692	0.050
4/18/2013	2.90	150,784	167,538	0.189	1.81	78.1	4.3	0.028	0.27	11.8	0.6	0.032	0.303	13.085	0.720
7/26/2013	3.86	100,256	111,396	0.082	0.24	53.7	1.9	0.008	0.02	5.4	0.2	0.009	0.027	5.982	0.212
8/3/2013	3.28	49,203	54,670	0.17	0.79	57.6	1.5	0.008	0.04	2.8	0.1	0.009	0.043	3.149	0.082
10/5/2013	3.25	17,157	19,063	0.136	1.18	153.6	0.3	0.002	0.02	2.6	0.0	0.003	0.022	2.928	0.006
10/29/2013	5.26	175,490	194,989	0.082	0.40	36.0	1.4	0.014	0.07	6.3	0.2	0.016	0.078	7.020	0.273
11/21/2013	2.11	66,315	73,683	0.177	0.68	120.3	0.6	0.012	0.05	8.0	0.0	0.013	0.050	8.864	0.044
3/16/2014	2.16	67,998	75,553	0.268	0.95	204.4	20.1	0.018	0.06	13.9	1.4	0.020	0.072	15.443	1.519
4/3/2014	1.09	16,483	18,314	1.611	3.66	967.0	17.2	0.027	0.06	15.9	0.3	0.030	0.067	17.710	0.315
5/8/2014	2.59	103,319	114,799	0.294	1.26	167.4	4.6	0.030	0.13	17.3	0.5	0.034	0.145	19.217	0.528
5/12/2014	1.88	100,270	111,411	0.135	0.81	59.7	5.7	0.014	0.08	6.0	0.6	0.015	0.090	6.651	0.635
6/5/2014	1.22	32,760	36,400	0.178	0.83	203.7	4.1	0.006	0.03	6.7	0.1	0.006	0.030	7.415	0.149

Table 29. Greenwood-IN Post-Implementation Water Quality EMC, Load, and Yield

	Rainfall	Runoff	Runoff Yield		EMC (mg/L)			Load	(kg)			Yield	(kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
10/9/2014	2.16	52,489	58,321	0.103	0.59	116	3.9	0.005	0.03	6.1	0.2	0.006	0.034	6.765	0.227
11/23/2014	1.52	54,270	60,300	0.146	0.79	149.7	2.8	0.008	0.04	8.1	0.2	0.009	0.048	9.027	0.169
12/14/2014	1.70	90,304	100,338	0.124	0.59	56.0	5.9	0.011	0.05	5.1	0.5	0.012	0.059	5.619	0.592
3/25/2015	2.51	129,118	143,464	0.209	1.21	206.4	12.2	0.027	0.16	26.6	1.6	0.030	0.174	29.611	1.750
4/1/2015	1.32	38,927	43,252	0.416	2.48	772.7	17.1	0.016	0.10	30.1	0.7	0.018	0.107	33.421	0.740
4/15/2015	1.24	34,698	38,553	0.263	1.62	115.9	13.4	0.009	0.06	4.0	0.5	0.010	0.062	4.468	0.517
4/22/2015	1.63	42,832	47,591	0.355	1.94	333.9	4.6	0.015	0.08	14.3	0.2	0.017	0.092	15.891	0.219
7/7/2015	2.08	140,326	155,918	0.132	0.75	24.8	5.1	0.019	0.11	3.5	0.7	0.021	0.117	3.9	0.80
8/8/2015	1.60	57,749	64,166	0.136	0.91	42.6	1.5	0.008	0.05	2.5	0.1	0.009	0.058	2.7	0.10
8/19/2015	1.78	43,782	48,647	0.079	0.83	17.2	2.8	0.003	0.04	0.8	0.1	0.004	0.040	0.8	0.14
9/8/2015	3.25	139,316	154,796	0.183	0.74	153.6	2.2	0.025	0.10	21.4	0.3	0.028	0.115	23.8	0.34
11/5/2015	0.79	43,093	47,881	0.108	0.60	48.8	3.0	0.005	0.03	2.1	0.1	0.005	0.029	2.3	0.14

Table 30. Greenwood-OUT Pre-Implementation Water Quality EMC, Load, and Yield

	Rainfall	Runoff	Runoff Yield		EMC (mg/L)			Load (kg)			Yield	(kg/ha)	
Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
5/31/2012	3.56	425,867	185,160	0.231	0.90	44.6	2.5	0.098	0.38	19.0	1.1	0.043	0.167	8.258	0.463
6/11/2012	0.97	148,336	64,494	0.263	1.34	55.3	2.3	0.039	0.20	8.2	0.3	0.017	0.086	3.567	0.148
9/7/2012	2.59	248,409	108,004	0.401	1.67	164.1	2.6	0.100	0.41	40.8	0.6	0.043	0.180	17.723	0.281
4/18/2013	2.90	331,152	143,979	0.227	1.27	72.4	3.9	0.075	0.42	24.0	1.3	0.033	0.183	10.424	0.562
7/26/2013	3.86	417,172	181,379	0.273	0.93	3.5	2.9	0.114	0.39	1.5	1.2	0.050	0.169	0.635	0.526
8/3/2013	3.28	343,193	149,214	0.345	0.67	43.0	2.2	0.118	0.23	14.8	0.8	0.051	0.100	6.416	0.328
10/5/2013	3.25	447,251	194,457	0.167	0.94	21.8	0.3	0.075	0.42	9.8	0.2	0.032	0.183	4.239	0.066
10/29/2013	5.26	740,084	321,776	0.163	0.48	16.4	1.3	0.121	0.36	12.1	1.0	0.052	0.154	5.277	0.418
11/21/2013	2.11	273,523	118,923	0.204	0.67	12.6	1.1	0.056	0.18	3.4	0.3	0.024	0.080	1.498	0.131
3/16/2014	2.16	292,420	127,139	0.248	0.96	170.0	19.2	0.073	0.28	49.7	5.6	0.032	0.122	21.614	2.441
4/3/2014	1.09	116,804	50,784	0.522	2.74	424.2	13.2	0.061	0.32	49.5	1.5	0.027	0.139	21.543	0.670
5/8/2014	2.59	233,005	101,307	0.474	1.70	428.0	5.1	0.110	0.40	99.7	1.2	0.048	0.172	43.359	0.517
5/12/2014	1.88	261,145	113,541	0.163	0.96	13.6	5.9	0.043	0.25	3.6	1.5	0.019	0.109	1.544	0.670
6/5/2014	1.22	118,691	51,605	0.223	1.59	140.6	3.7	0.026	0.19	16.7	0.4	0.012	0.082	7.256	0.191

Table 31. Greenwood-OUT Post-Implementation Water Quality EMC, Load, and Yield

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		Rainfall	Runoff	Runoff Yield	EMC (mg/L)			Load (kg)				Yield (kg/ha)				
	Date	(cm)	(L)	(L/ha)	TP	TN	TSS	Cl	TP	TN	TSS	Cl	TP	TN	TSS	Cl
	10/9/2014	2.16	195,656	85,068	0.091	1.15	45.6	5.3	0.018	0.23	8.9	1.0	0.008	0.098	3.879	0.451
	11/23/2014	1.52	185,497	80,651	0.100	1.32	24.3	4.2	0.019	0.24	4.5	0.8	0.008	0.106	1.960	0.339
	12/14/2014	1.70	211,692	92,040	0.140	0.97	34.7	6.6	0.030	0.21	7.3	1.4	0.013	0.089	3.194	0.607
	3/25/2015	2.51	359,212	156,179	0.110	0.85	25.1	7.2	0.040	0.31	9.0	2.6	0.017	0.133	3.920	1.124
	4/1/2015	1.32	189,522	82,401	0.190	1.39	120.5	8.0	0.036	0.26	22.8	1.5	0.016	0.115	9.929	0.659
	4/15/2015	1.24	88,476	38,468	0.103	1.01	11.7	10.5	0.009	0.09	1.0	0.9	0.004	0.039	0.450	0.404
	4/22/2015	1.63	92,791	40,344	0.113	1.22	17.4	4.1	0.010	0.11	1.6	0.4	0.005	0.049	0.702	0.165
	7/7/2015	2.08	178,098	77,434	0.288	0.845	18.5	4.4	0.051	0.15	3.3	0.8	0.022	0.065	1.4	0.341
	8/8/2015	1.60	136,318	59,269	0.178	0.776	16	1.6	0.024	0.11	2.2	0.2	0.011	0.046	0.95	0.095
	8/19/2015	1.78	65,816	28,616	0.058	0.473	4.1	1.3	0.004	0.03	0.3	0.1	0.002	0.014	0.12	0.037
	9/8/2015	3.25	294,806	128,177	0.174	0.704	20.7	0.5	0.051	0.21	6.1	0.1	0.022	0.090	2.7	0.064
	11/5/2015	0.79	29,233	12,710	0.111	0.912	31.3	2.75	0.003	0.03	0.9	0.1	0.001	0.012	0.4	0.035

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