Florida Department of Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

November 30, 2016

In the Matter of an
Application for Permit by:

Mr. Robert S. Markwell, President
Beazer East, Inc.
Manor Oak One, Suite 200
1910 Cochran Road
Pittsburgh, Pennsylvania 15220
Rob.Markwell@TRMI.Biz

Permit No: FLS711462
File Number: FLS711462-005-MM
Beazer East Inc. - Gainesville
Alachua County

NOTICE OF PERMIT REVISION

Enclosed is revision to Permit Number FLS711462 for operation of the Beazer East Inc, issued under Chapter 403**,** Florida Statutes.

The revision includes correcting the reporting value for total recoverable iron as 1.0 mg/L daily maximum and for correcting typographical errors in the Discharge Monitoring Report (DMR). In addition, as of December 21, 2016, the permittee is required to submit electronic DMR forms. All other portions of the permit remain in effect and are fully enforceable. Revised DMR which reflects the changes in the permit is attached for future submittal beginning in the month of December 2016.

Monitoring requirements under this permit are effective beginning December 2016. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request an extension of the time for filing a petition for an administrative hearing. The request must be filed (received by the Clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Section 120.60(3), Florida Statutes, however, also allows that any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for an extension of time within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information, as indicated in Rule 28-106.201, Florida Administrative Code:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the determination;
(c) A statement of when and how the petitioner received notice of the Department's decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the Department's proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's proposed action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's proposed action.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by Rule 28-106.404, Florida Administrative Code. The agreement must be received by the Clerk in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in Section 120.573, Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, Florida Statutes, for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the

parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under Sections 120.569 and 120.57, Florida Statutes. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, Florida Statutes, remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

This permit action is final and effective on the date filed with the Clerk of the Department unless a petition (or request for an extension of time) is filed in accordance with the above. Upon the timely filing of a petition (or request for an extension of time), this permit will not be effective until further order of the Department.

Any party to this permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the Clerk of the Department.

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard S. Rachal III, P.G.
Permitting Program Administrator

TK/

Enclosure

c: SJRWMD
Elsa Potts, P.E., FDEP
Monica Sudano, FDEP
Kelsey Helton, P.G., FDEP
Alachua County Health Department, todd.harris@flhealth.gov
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Anthony Lyons, City of Gainesville, Interim City Manager, citymgr@cityofgainesville.org
Gus Olmos, P.E., Alachua County EPD, gus@alachuacounty.us
Rick Hutton, P.E., GRU, huttonrh@gru.com

FILING AND ACKNOWLEDGEMENT & CERTIFICATE OF SERVICE

Filed on this date pursuant to § 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged. The undersigned hereby certifies that this Notice of Permit Revision Issuance and all copies were sent before the close of business on November 30, 2016 to the listed persons.

R. Allen Bass

Clerk

November 30, 2016
Date

Florida Department of Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Rick Scott
Governor

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Lt. Governor

Jonathan P. Steverson
Secretary

STATE OF FLORIDA
STORMWATER FACILITY PERMIT

PERMITTEE:
Beazer East Inc

RESPONSIBLE OFFICIAL:
Mr. Robert S Markwell
Manor Oak One Suite 200
1910 Cochran Road
Pittsburgh, Pennsylvania 15220
(412) 208-8812

PERMIT NUMBER: FLS711462
FILE NUMBER: FLS711462-004-ISW
EFFECTIVE DATE: **June 17, 2016**
EXPIRATION DATE: **June 16, 2021**
1st REVISION DATE: **November 30, 2016 (005/MM)**

FACILITY:

Beazer East Inc
200 NW 23rd Ave
Gainesville, FL 32609-3603
Alachua County
Latitude: 29°40' 44.4008" N Longitude: 82°19' 36.4647" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). This permit does not constitute authorization to discharge water other than as expressly stated in this permit. This permit is accompanied by an Administrative Order, pursuant to paragraphs 403.088(2)(e) and (f), Florida Statutes. Compliance with Administrative Order, AO 146 NE, is a specific requirement of this permit. The above named permittee is hereby authorized to operate the facilities in accordance with the documents attached hereto and specifically described as follows:

FACILITY DESCRIPTION:
The permittee is implementing a range of actions to remediate this Superfund Site. Storm water on the site is generated as a result of contact with existing soils and sediment. Interim storm water controls for the discharge have been implemented for storm water discharge from this site. The interim controls are designed to mitigate potential migration of constituents via storm water during the period between now and when a final storm water management plan is implemented. A final storm water management plan is being developed as part of the Superfund remedial design for the final site remedy and will be implemented pursuant to state and federal regulations and requirements. The facility has no current or planned industrial activity and thus does not discharge any process or non-process wastewater. The facility is not permitted to discharge industrial wastewater to waters of the state. This permit authorizes discharge of storm water associated with site runoff, after specified rainfall events, to a ditch which connects to Springstead Creek, Class III fresh water. This permit authorizes only storm water discharge from one location on this site (designated as D-001). This location is a regulated EPA Superfund site.

STORMWATER CONTROLS:

Storm water from this 86 acre site is conveyed by overland flow and sheet flow by gravity to on-site swales that feed into on-site detention areas. The detention areas could overflow into an existing on-site ditch that

carries stormwater from roadway drainage south of the site through the site and eventually to Springstead Creek. This ditch exits the site at the location designated D-001. However, overflow has not occurred in the initial five years since construction of the detention areas. Also, stormwater from a small portion of the site (e.g. north of the detention areas) can discharge to the on-site ditch without going through the detention areas. Site improvements for stromwater control installed since 2009 include grass cover, perimeter berms and dedicated swales to direct on-site flows to the main on-site ditch that runs generally South to North. These are interim stormwater controls pending completion of the final design being completed under the Superfund remediation process.

Interim Improvements and Actions:

I. Operation and Maintenance

- Weekly inspection and maintenance of all interim controls (including the composite sampler) shall be conducted to ensure stabilization and effective storm water control.
- Installation of silt fencing around the perimeter of site modifications will take place as needed to inhibit erosion, and sediment migration. The silt fencing will be maintained as necessary if site activities dictate until grass cover has been established.
- Placement of mulch over site roads and interior roadways will be done as needed to limit sediment and dust discharge.
- Invasive exotic plant control is required in seeded and sodded areas.
- As necessary, grass cover will be maintained through irrigation, reseeding, and/or application of sod. Appropriately selected fertilizer will be applied if necessary.
- Water from the Site groundwater extraction and treatment system may continue to be used for on-site irrigation and/or dust suppression. Permittee has demonstrated that the produced groundwater meets Florida Drinking Water Standards (62-550 FAC). In accordance with the permittee submitted plan for water reuse, the treatment system will be properly operated and maintained and laboratory analyses of the irrigation water will be conducted and results monitored.
- If/as necessary, the northeast corner of the site will be re-graded and seeded to ensure that runoff does not leave the site except via the main drainage ditch at the outfall (D-001). In addition, silt fencing may be used for control of off-Site sediment migration.
- Demolition activities on-site that create new bare areas that are not currently present will be disc-plowed and seeded in accordance with the specifications above. Long-term maintenance of those areas will be required.
- New or required site construction activities as part of remediation plans must be evaluated for surface stormwater effects and potential changes to operation and maintenance of the site. Changes may be necessary for storm water controls and may be required for construction, operation or maintenance.

II. Evaluation and Modification – Adaptive Management

- The overall effect of the interim site modifications has resulted in stabilization of the site soil, reduction of compacted limerock/dirt areas, and on-site impoundment of surface runoff during storms. The interim site modifications have reduced the volume of storm water runoff that exits the site during any storm event. The modifications decrease the amount of off-site sediment transport, reducing the potential for discharge of site-related constituents.
- Berms will be lengthened and modified if/as needed to prevent storm water flow across the eastern property boundary or northern boundary, except at outfall D-001. The outfall structure has been

improved to accommodate sampling. Silt fencing may be installed and maintained as necessary to control sediment.

- Long-term viability of the sod and seeded areas will be evaluated through weekly inspections. If at any time a stand of grass or an area that was stabilized loses stabilization integrity due to natural or artificial conditions or activities, replacement sod or seeding (as appropriate) will be used to correct the deficiency.
- Quarterly water quality reports and quarterly storm water site evaluation reports are required for the duration of this permit. Reports will include an effectiveness evaluation of the interim storm water improvements, operation status and proposal(s) for any needed corrective actions.
- The interim storm water control measures must be properly operated and maintained. This location is a regulated Superfund site. During implementation of the site remedy, further storm water controls may be designed and submitted to DEP as part of remediation activities. *The final storm water improvement plan will be developed in accordance with state and federal requirements and regulations as part of the Superfund remedial design for the final site remedy, and will be implemented as part of the EPA Superfund remedy.*

Interim Improvements and Actions

An EPA issued Order, AO and permit provide three areas of storm water control measures for the site, namely: completed construction activities, operation and maintenance and evaluation and modification (Adaptive Management).

Unconfined emissions and unconfined particulate matter will be controlled by Best Management Practices (BMP). During implementation of any future storm water related improvements or corrective actions such as root raking, berm construction, or other earth work, control measures will be in place to effectively control dust from leaving the property and air monitoring will be conducted.

1st PERMIT REVISION: 005/MM: The revision includes correcting the reporting value for total recoverable iron as 1.0 mg/L daily maximum and for correcting typographical errors in the Discharge Monitoring Report (DMR). In addition, as of December 21, 2016, the permittee is required to submit electronic DMR forms. All other portions of the permit remain in effect and are fully enforceable. Revised DMR which reflects the changes in the permit is attached for future submittal beginning in the month of December 2016.

STORM WATER DISCHARGE:

Storm Water Discharge D-001: An existing permitted discharge from the site to a ditch that connects to Springstead Creek Class III Fresh Waters, (WBID 2698; Orange Creek Planning Unit, Hogtown Creek Basin). The point of discharge is located approximately at latitude 29°65' 22" N, longitude 82°26' 34" W.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions set forth in this Cover Sheet and Part I through Part IX on pages 1 through 26 of this permit.

I. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Discharges

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge stormwater from Outfall D-001 to Hogtown Creek. Such discharge shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition I.B.3.:

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Flow	MGD	Max	Report	Daily Maximum	Quarterly, when discharging	Meter	EFF-001	
Duration of Discharge	day	Max	Report	Year-To-Date Total	Quarterly	Calculated	CAL-1	
pH	s.u.	Min Max	6.0 8.5	Daily Minimum Daily Maximum	Quarterly, when discharging	Grab	EFF-001	
Turbidity	NTU	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	EFF-001	
Solids, Total Suspended	mg/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	EFF-001	
Oxygen, Dissolved (DO)	mg/L	Min	Report	Daily Minimum	Quarterly, when discharging	Grab	EFF-001	
Iron, Total Recoverable	mg/L	Min	1.0	Daily Maximum	Quarterly, when discharging	24-hr FPC	EFF-001	
Arsenic, Total Recoverable	ug/L	Max	50.0	Daily Maximum	Quarterly, when discharging	24-hr FPC	EFF-001	

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Copper, Total Recoverable	ug/L	Max	-	Single Sample	Quarterly, when discharging	24-hr FPC	EFF-001	See I.A.8
Hardness, Total (as CaCO3)	mg/L	Max	Report	Single Sample	Quarterly, when discharging	24-hr FPC	EFF-001	
Pentachlorophenol	ug/L	Max Max	8.20 30.0	Annual Average Daily Maximum	Quarterly, when discharging	24-hr FPC	EFF-001	See I.A.10
pH (laboratory for PCP)	s.u.	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	EFF-001	See I.A.10
Chromium, Trivalent Total Recoverable	ug/L	Max	-	Single Sample	Quarterly, when discharging	24-hr FPC	EFF-001	See I.A.8
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	Max	Report	Daily Maximum	Quarterly, when discharging	24-hr FPC	EFF-001	
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	0.031	Annual Average	Quarterly, when discharging	24-hr FPC	EFF-001	
Stream Flow, mean daily	MGD	Max	Report	Daily Maximum	Quarterly, when discharging	Meter	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
pH	s.u.	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Turbidity	NTU	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Oxygen, Dissolved (DO)	mg/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Oxygen, Percent Saturation	%	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Pentachlorophenol	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Hardness, Total (as CaCO3)	mg/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Solids, Total Suspended	mg/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Iron, Total Recoverable	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Chromium, Trivalent Total Recoverable	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Copper, Total Recoverable	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1 SWU-1 SWU-2	See I.B.9 &10.
Arsenic, Total Recoverable	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1	See I.B.9 &10.
Arsenic, Total Recoverable	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWU-1	See I.B.9 &10.

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Arsenic, Total Recoverable	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWU-2	See I.B.9 &10.
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWD-1	See I.B.9 &10.
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWU-1	See I.B.9 &10.
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	Report	Daily Maximum	Quarterly, when discharging	Grab	SWU-2	See I.B.9 &10.

*If Polycyclic Aromatic Hydrocarbons, Total is not detected at or above the MDL for the test method used, the permittee shall report "BDL" on the DMR. A value of one-half the effluent limit shall be used for that sample when necessary to calculate an average for the parameter. Test methods used shall be in accordance with applicable Department rules, including Rule 62-4.246 and Chapter 62-160, F.A.C., and Permit Condition I.B.1. For all other parameters not detected at or above the MDL for the test method used, the DMR shall be completed following the directions in the "Instructions for Completing the Wastewater Discharge Monitoring Report" attached to the DMR.

2. Effluent samples shall be taken at the monitoring site locations listed in Permit Condition I.A.1. and as described below:

Monitoring Site Number	Description of Monitoring Site
EFF-001	Overflow weir at outfall located at the northeast corner of the property. See attached "Map of Discharge Location and Ambient Sample Locations"
CAL-1	Calculated value - stormwater monitor site
SWD-1	Ambient downstream monitoring site. Springstead Creek, downstream from the drainage ditch intersection (800 feet downstream from outfall EFF-1).
SWU-1	Ambient monitor site. Upstream, at inflow point of the DOT storm water ditch, NW 23rd Avenue, southern property area.
SWU-2	Ambient upstream monitor site. Springstead Creek, upstream from the drainage ditch intersection (800 feet downstream from outfall EFF-1).

3. The discharge shall not contain components that settle to form putrescent deposits or float as debris, scum, oil, or other matter. *[62-302.500(1)(a)]*

4. During normal conditions, discharge of storm water from Outfall D-001is authorized after rainfall events. Recording of the days of discharge by meter, composite sampler or other device is required.

5. Composite samples will be collected via auto-sampler of the discharge through outfall D-001. Composite samples will be collected in accordance with the DEP approved interim storm water sampling plan (see specific condition I.A.9).

6. Monitoring at Outfall D-001 is not required in the event that flow (as defined in specific condition I.A.11) and discharge does not occur at that location during a quarter.

7. In accordance with the criteria of Rule 62-302.500 FAC, once the final storm water control system is in place, the discharge shall not cause a visible sheen on the receiving water.

8. The limit for "Copper, Total Recoverable" and "Chromium, Trivalent Total Recoverable" shall be calculated using the following equation(s):

   $Cu \leq e^{(0.8545[\ln H]-1.702)}$
   $Cr \leq e^{(0.819[\ln H]+0.6848)}$

   Total hardness shall be measured at the time of the stormwater sample. The "ln H" means the natural logarithm of total hardness expressed as mg/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is <25 mg/L and set at 400 mg/L if actual hardness is >400 mg/L.

   The measured stormwater value shall be recorded on the DMR in the parameter row for "(effluent)." The calculated effluent limit shall be recorded on the DMR in the parameter row for "(calculated limit)." Compliance with the stormwater limitation is determined by calculating the difference between the measured value and the calculated. The compliance value shall be recorded on the DMR

in the parameter row for "(measured minus calculated limit)." The compliance value shall not exceed 0.00. *[62-302.530(23) and 62-302.530(19)]*

9. Storm water sampling will be conducted on a quarterly basis during the first qualifying storm event of the quarter. Depending upon the parameter analysis method and sample location, a grab or a composite sample may be required and the sampling procedure is subject to revision and update.

   A qualifying storm event is one that:

   (a) Is greater than 0.1 inches in magnitude;
   (b) Produces measurable runoff in the ditch at Outfall D-001; and
   (c) Occurs at least 72 hours after the previous qualifying storm

   A composite sample will be collected at Outfall D-001 within 30 minutes of a discharge at the outfall. Grab samples will be collected (including at ambient sites) during normal working hours as soon as practicable after commencement of sample collection at Outfall 1. Metered parameters (pH, DO, and DO saturation) shall be sampled at the mid-depth.

   The automatic composite sample collection device is installed at Outfall D-001 in order to collect a flow-weighted composite sample for analysis. The sampler will measure water flow and will draw storm water into container(s) for analysis after specified volume of flow has occurred; water collection will continue for up to three hours after the beginning of flow. An alternative approved sampling plan using grab (in-situ field measurement), flow-proportioned or time proportioned composite sampling must be approved by the DEP. Sample results will be compared to 62-302 FAC standards in the sample-analysis reports submitted to FDEP (see specific conditions I.A.1 through I.B.9).

10. In accordance with Rule 62-302.530(52)(c)3 FAC, the Class III fresh water criteria for Pentachlorophenol (PCP) is determined based on the sample result. The sample result must meet the following criteria: less than or equal to 30 ug/L maximum value, less than or equal to 8.2 ug/L annual average, and with the value of pH for the sample, less than or equal to $e^{(1.005[pH] - 5.29)}$.

B. Other Limitations and Monitoring and Reporting Requirements

1. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs (method detection limits) and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at http://www.dep.state.fl.us/labs/library/index.htm. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:

   a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

   b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in 62-302, F.A.C.; and

c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. *[62-4.246, 62-160]*

2. The permittee shall provide safe access points for obtaining representative influent and stormwater samples which are required by this permit. *[62-620.320(6)]*

3. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e. monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no discharge.

REPORT Type on DMR	Monitoring Period	Mail or Electronically Submit by
Quarterly	January 1 - March 31 April 1 - June 30 July 1 - September 30 October 1 - December 31	April 28 July 28 October 28 January 28
Annual	January 1 - December 31	January 28

The permittee may submit either electronic or paper DMR forms before December 21, 2016. As of December 21, 2016, the permittee is required to submit electronic DMR forms.

If submitting electronic DMR forms, the permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the completed DMR forms using the DEP Business Portal at http://www.fldepportal.com/go/. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation. Data submitted in electronic format is equivalent to data submitted on signed and certified paper DMR forms.

If submitting paper DMR forms, the permittee shall make copies of the attached DMR forms, without altering the original format or content unless approved by the Department, and shall mail the completed DMR forms to the Department by the twenty-eighth (28th) of the month following the month of operation at the address specified below:

Florida Department of Environmental Protection
Wastewater Compliance Evaluation Section, Mail Station 3551
Bob Martinez Center

2600 Blair Stone Road
[62-620.610(18)]

4. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Northeast District Office at the address specified below:

   Florida Department of Environmental Protection
   Northeast District
   8800 Baymeadows Way West
   Suite 100
   Jacksonville, Florida 32256-7577

   Phone Number - (904)256-1700
   FAX Number - (904)256-1590
   (All FAX copies and e-mails shall be followed by original copies.)

   [62-620.305]

5. All reports and other information shall be signed in accordance with the requirements of Rule 62-620.305, F.A.C. *[62-620.305]*

6. If there is no discharge from the facility on a day when the facility would normally sample, the sample shall be collected on the day of the next discharge. *[62-620.320(6)]*

7. Any bypass of the outfall (D-001) is to be monitored for flow and all other required parameters. For parameters other than flow, at least one grab sample per day shall be monitored. Daily flow shall be monitored or estimated, as appropriate, to obtain reportable data. All monitoring results shall be reported on the appropriate DMR.

8. The permittee shall not store materials, soil, or other similar erodible materials in a manner in which runoff is uncontrolled, nor conduct construction activities in a manner which produces uncontrolled runoff unless such uncontrolled runoff is has specifically approved by the permitting authority. Any sediment removal during operation and maintenance activities will be managed in accordance with all applicable federal and state regulations.

9. Surface water sampling shall be conducted in accordance with the latest approved sampling and monitoring plan submitted to the DEP Jacksonville, Wastewater Permitting Section. Ambient surface water quality sampling shall be conducted when a site discharge occurs (the sample should coincide with a site discharge) although a site discharge may not occur each quarter. Sites shall be sampled for the following parameters and report the monitoring results on the DEP discharge monitoring form (DMR).

SITE NUMBER	DESCRIPTION
SWU-1	Upstream, at inflow point of the DOT storm water ditch, NW 23rd Avenue, southern property area
SWU-2	Springstead Creek, upstream from the drainage ditch intersection (800 feet downstream from outfall STM-1)

SWD-1	Springstead Creek, downstream from the drainage ditch intersection (800 feet downstream from outfall STM-1)

See attached "Map of Discharge Location and Sampling Locations". At the two ambient sites, the permittee shall (a) calculate flow; (b) measure pH, turbidity, and dissolved oxygen, and (c) collect grab samples (see specific condition I.A.1).

The samples shall be collected on a quarterly basis and concurrently with the quarterly storm water samples listed in condition I.A.2. All samples shall be collected at mid-depth. The results shall be forwarded to the DEP on the DMR at the address specified in Specific Condition I.B.3.

Laboratory analytical reports for the monitoring event(s) shall be submitted to the Department. The Department will review the data in the context of the reopener clauses in Section VIII.4 & VI.1 of this permit.

10. Parameters which must be monitored as a result of a surface water discharge shall be analyzed using a sufficiently sensitive method in accordance with 40 CFR Part 136. [62-620.610(18)]

II. SLUDGE MANAGEMENT REQUIREMENTS

This section is not applicable to this site/facility.

III. GROUND WATER REQUIREMENTS

Section III is not applicable to this facility. The on-going remediation and Superfund efforts are addressing groundwater monitoring.

IV. ADDITIONAL LAND APPLICATION REQUIREMENTS

1. Section IV is not applicable to this facility.

V. OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the facilities shall be operated under the supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control. *[62-620.320(6)]*

2. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.
   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;
   b. Copies of all reports required by the permit for at least three years from the date the report was prepared;

c. Records of all data, including reports and documents, used to complete the application for the permit for at least three years from the date the application was filed;

d. A copy of the current permit;

e. A copy of any required record drawings; and

f. Copies of the logs and schedules showing site operations and equipment maintenance for three years from the date of the logs or schedules.

[62-620.350]

3. Weekly site inspections will be conducted and a site inspection report maintained at the location as a permanent record. In addition to the weekly inspection, a site inspection is required after each rainfall event of 0.25 inches or greater.

4. A Best Management Plan (BMP) will be maintained, up to date and available on-site and is a part of the SWPPP, covering the following aspects:
   a. Inspection procedures for site areas including demolition areas
   b. Dust control
   c. Grass growth: planting, watering, sodding, seeding and mulching practices
   d. Root-rake/disc practices
   e. Berm maintenance with clean soils based on approved soil specifications
   f. Documention of inspections, inspection results, recommendations for improvements, corrective actions and outcome evaluations.

5. Ambient Dust Monitoring

   The permittee shall provide ambient dust monitoring and follow an emission control plan during any storm water related improvement or corrective action that may generate dust (e.g., root raking, earth work). Unconfined emissions and unconfined particulate matter will be controlled by Best Management Practices (BMPs). Control measures must be in place to effectively control dust from leaving the property and dust monitoring will be conducted to ensure that activities at the site will not exacerbate existing conditions or result in public exposure to pollution via airborne dust, pursuant to 403.161, Florida Statute.

   a. **Unconfined Emissions/Particulate Matter**: The owner or operator shall take reasonable precautions to control unconfined emissions from the site for storm water related improvements/activities such as root raking, disc plowing, berm construction, swale construction, etc. Management of emissions may include, but are not limited to, one or more of the following:

      i. Paving and maintenance of roads, parking areas, and yards.
      ii. Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.
      iii. Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
      iv. Installation of wind breaks to mitigate wind entrainment of particulate matter from stockpiles.
      v. Ambient dust monitoring is required during any site work involving earth moving activities including excavation or root-raking where airborne contaminated dust has the potential to be generated.

[Rule 62-296.320, F.A.C.]

b. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of material; construction, alteration, demolition or wrecking; or industrially activity such as loading, unloading, excavation, storing and handling; without taking reasonable precaution to prevent such emissions. Reasonable precautions may include but are not limited to the following, as necessary:

1. Reduced speed for vehicular traffic.
2. Use of dust suppressants or wetting agents.
3. Use of paving or other asphaltic materials.
4. Removal of particulate matter from paved roads and/or other paved areas by vacuum cleaning or wetting prior to sweeping.
5. Covering of trucks, trailers, front-end loader and other vehicles or containers to prevent spillage of particulate matter during transport.
6. Use of mulch, hydo-seeding, grassing and/or other vegetative ground cover on barren areas to prevent or reduce particulate matter from being windblown.
7. Use of equipment to contain, capture and prevent particulate matter.
8. Enclosure or covering of conveyor systems.
9. Restriction of site activities when the wind speed is greater than 15 mph unless some type of confining structure or equipment to minimize or reduce the release of particulate matter.

[Rule 62-620.100, 62-620.200 and 62-620.310, F.A.C.]

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule. The Storm water Pollution Prevention Plan (SWPPP) shall be prepared and implemented in accordance with Part VII of this permit.

Improvement Action	Completion Date
a. 1. Submit Annual SWPPP Summary (see VII.4)	Annually after permit issuance
b. Submit quarterly water quality and water quantity report for discharges and surface water site sampling. Include any ambient dust monitoring results.	Every quarter for the duration of this permit
c. Submit Progress/Update Reports concerning the interim storm water improvements, operation status and dust monitoring and emission controls. Propose any needed corrective action recommendations for DEP review and approval.	Every quarter for the duration of this permit

2. The permittee is not authorized to discharge to waters of the state after the expiration date of this permit, unless:

a. The permittee has applied for renewal of this permit at least 180 days before the expiration date of this permit using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or

b. The permittee has made complete the application for renewal of this permit before the permit expiration date.

c. In accordance with sections 403.088(2)(e) and (f), Florida Statutes, a compliance schedule for this facility is contained in Administrative Order AO 146 NE which is hereby incorporated by reference.

[62-620.335(1)-(4)]

VII. BEST MANAGEMENT PRACTICES/STORMWATER POLLUTION PREVENTION PLANS

1. A Best Management Practices (BMP) Plan shall be implemented in accordance with Part VII.2 of the permit and the following schedule:

Action Item		Implementation Date
1	Continue Implementing Existing Best Management Plan (BMP).	Issuance Date of Permit

2. BEST MANAGEMENT PRACTICES/STORMWATER POLLUTION PREVENTION PLANS
A Best Management Plan (BMP) will be maintained, up to date and available on-site and is a part of the SWPPP, covering the following aspects:
   a. Inspection procedures for site areas including demolition areas
   b. Dust control
   c. Grass growth: planting, watering, sodding, seeding and mulching practices
   d. Root-rake/disc practices
   e. Berm maintenance with clean soils based on approved soil specifications
   f. Documention of inspections, inspection results, recommendations for improvements, corrective actions and outcome evaluations.

3. General Requirements

In accordance with Section 304(e) and 402(a)(2) of the Clean Water Act (CWA) as amended, 33 U.S.C. §§ 1251 et seq., and the Pollution Prevention Act of 1990, 42 U.S.C. §§ 13101-13109, the permittee must develop and implement a plan for utilizing practices incorporating pollution prevention measures. References to be considered in developing the plan are "Criteria and Standards for Best Management Practices Authorized Under Section 304(e) of the Act," found at 40 CFR 122.44 Subpart K and the Storm Water Management Industrial Activities Guidance Manual, EPA/833-R92-002 and other EPA documents relating to Best Management Practice guidance.

   a. Definitions
      (1) The term "pollutants" refers to conventional, non-conventional and toxic pollutants.
      (2) Conventional pollutants are: biochemical oxygen demand (BOD), suspended solids, pH, fecal coliform bacteria and oil & grease.
      (3) Non-conventional pollutants are those which are not defined as conventional or toxic.
      (4) Toxic pollutants include, but are not limited to: (a) any toxic substance listed in Section 307(a)(1) of the CWA, any hazardous substance listed in Section 311 of the CWA, or

chemical listed in Section 313(c) of the Superfund Amendments and Reauthorization Act of 1986; and (b) any substance (that is not also a conventional or non-conventional pollutant except ammonia) for which EPA has published an acute or chronic toxicity criterion.

(5) "Significant Materials" is defined as raw materials; fuels; materials such as solvents and detergents; hazardous substances designated under Section 101(14) of CERCLA; and any chemical the permittee is required to report pursuant to EPCRA, Section 313; fertilizers; pesticides; and waste products such as ashes, slag and sludge.

(6) "Pollution prevention" and "waste minimization" refer to the first two categories of EPA's preferred hazardous waste management strategy: first, source reduction and then, recycling.

(7) "Recycle/Reuse" is defined as the minimization of waste generation by recovering and reprocessing usable products that might otherwise become waste; or the reuse or reprocessing of usable waste products in place of the original stock, or for other purposes such as material recovery, material regeneration or energy production.

(8) "Source reduction" means any practice which: (a) reduces the amount of any pollutant entering a waste stream or otherwise released into the environment (including fugitive emissions) prior to recycling, treatment or disposal; and (b) reduces the hazards to public health and the environment associated with the release of such pollutant. The term includes equipment or technology modifications, process or procedure modifications, reformulation or redesign of products, substitution of raw materials, and improvements in housekeeping, maintenance, training, or inventory control. It does not include any practice which alters the physical, chemical, or biological characteristics or the volume of a pollutant through a process or activity which itself is not integral to, or previously considered necessary for, the production of a product or the providing of a service.

(9) "SWPPP" means a Storm Water Pollution Prevention Plan incorporating the requirements of 40 CFR § 125, Subpart K, plus pollution prevention techniques, except where other existing programs are deemed equivalent by the permittee. The permittee shall certify the equivalency of the other referenced programs.

(10) The term "material" refers to chemicals or chemical products used in any plant operation (i.e., caustic soda, hydrazine, degreasing agents, paint solvents, etc.). It does not include lumber, boxes, packing materials, etc.

4. Storm Water Pollution Prevention Plan

The permittee shall develop and implement a SWPPP for the site/facility, which is the source of storm water discharges, covered by this permit. The plan shall be directed toward reducing those pollutants of concern which discharge to surface waters and shall be prepared in accordance with good engineering and good housekeeping practices. For the purposes of this permit, pollutants of concern shall be limited to toxic pollutants, as defined above, known to the discharger. The plan shall address all activities which could or do contribute these pollutants to the surface water discharge, including process, treatment, and ancillary activities.

a. Signatory Authority & Management Responsibilities

The SWPPP shall be signed by permittee or their duly authorized representative in accordance with rule 62-620.305(2)(a) and (b). The SWPPP shall be reviewed by the Site operation and maintenance personnel. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) Florida Statutes, applicable portions of the SWPPP shall be signed and sealed by the professional(s) who prepared them.

A copy of the SWPPP shall be retained at the site/facility and shall be made available to the permit issuing authority upon request.

The SWPPP shall contain a written statement from corporate management indicating management's commitment to the goals of the SWPPP/BMP program. Such statements shall be publicized or made

known to all Site operation and maintenance employees and contractors. Training shall also be provided for the individuals responsible for implementing the SWPPP.

b. SWPPP Requirements
   (1) A topographic map extending one-quarter mile beyond the property boundaries of the site/facility, showing: the site/facility, surface water bodies, wells (including injection wells), seepage pits, infiltration ponds, and the discharge points where the sites/facility's storm water discharges to a municipal storm drain system or other water body. The requirements of this paragraph may be included on the site map if appropriate.
   (2) One or more site maps showing:
      (a) The storm water conveyance and discharge structures;
      (b) An outline of the storm water drainage areas for each storm water discharge point;
      (c) Paved areas and buildings;
      (d) Historic or current areas used for outdoor manufacturing, storage, or disposal of significant materials, including activities that generate significant quantities of dust or particulates;
      (e) Location of existing or future storm water structural control measures/practices (dikes, coverings, detention facilities, etc.);
      (f) Surface water locations and/or municipal storm drain locations;
      (g) Areas of existing and potential soil erosion;
      (h) Vehicle service areas;
      (i) Material loading, unloading, and access areas;
      (j) Past, existing and future waste disposal and remediation areas.
   (3) A narrative description of the following:
      (a) The nature of the industrial activities conducted at the site, including a description of significant materials that are treated, stored or disposed of in a manner to allow exposure to storm water;
      (b) Materials, equipment, and vehicle management practices employed to minimize contact of significant materials with storm water discharges;
      (c) Existing or future structural and non-structural control measures/practices to reduce pollutants in storm water discharges;
      (d) Industrial storm water discharge;
      (e) Methods of onsite storage and disposal of significant materials;
      (f) Overall objectives (both short-term and long-term) and scope of the plan, specific reduction goals for pollutants, anticipated dates of achievement of reduction, and a description of means for achieving each reduction goal;
      (g) A description of procedures relative to spill prevention, control & countermeasures and a description of measures employed to prevent storm water contamination;
      (h) A description of practices involving preventive maintenance, housekeeping, recordkeeping, inspections, and plant security; and
      (i) The description of a waste minimization assessment performed in accordance with the conditions outlined in condition c below, results of the assessment, and a schedule for implementation of specific waste reduction practices.
   (4) A list of the types of pollutants that have a reasonable potential to be present in storm water discharges in significant quantities that may exceed water quality standards for Class III fresh water.
   (5) An estimate of the size of the site/facility in acres or square feet, and the percent of the site/facility that has impervious areas such as pavement or buildings.
   (6) A summary of existing sampling data describing pollutants in storm water discharges.

c. Waste Minimization Assessment

   The permittee is not required to conduct a waste minimization assessment (WMA) as this is not applicable.

d. Pollution Prevention Committee:

A pollution prevention committee or representative within the organization shall be responsible for developing the SWPPP and assisting the site manager in its implementation, maintenance, and revision.

e. Employee Training
   (1) The SWPPP shall describe the storm water employee training program for the site/facility. The description shall include the topics to be covered, such as spill response, good housekeeping and material management practices, and shall identify periodic dates (e.g., every 12 months during January) for such training. The permittee shall provide employee training for all employees and contractors that work in areas where industrial materials or activities are exposed to storm water, and for employees that are responsible for implementing activities identified in the SWPPP (*e.g.*, inspectors, maintenance people). The employee training shall inform site/facility personnel and contractors of the components and goals of the site/facility SWPPP.
   (2) Each employee and contractor that works in an areas where industrial materials or activities are exposed to storm water, and each employee that is responsible for implementing activities identified in the SWPPP shall undergo training at least once a year. Training records shall include trainee's name, signature, date of training and topics covered. Records shall be retained on-site for a minimum of three years.

f. Plan Development & Implementation
   (1) The SWPPP shall be developed and implemented 3 months after the effective date of this permit, unless any later dates are specified in this permit. Any portion of the SWPPP which is ongoing at the time of development or implementation shall be described in the plan. Any waste reduction practice which is recommended for implementation over a period of time shall be identified in the plan, including a schedule for its implementation.
   (2) The personnel named in the SWPPP shall perform and document a quarterly visual observation of a storm water discharge associated with industrial activity from each outfall. The visual observation shall be made during normal daylight hours. If no storm event resulted in runoff during daylight hours from the facility during a monitoring quarter, the permittee is excused from the visual observation requirement for that quarter, provided the permittee documents in their records that no runoff occurred. The permittee or designated individual shall sign and certify the documentation.
   (3) The personnel named in the SWPPP shall conduct visual observations on samples collected as soon as practical, but not to exceed 1 hour of when the runoff begins discharging from the site/facility or as soon as practical if sample collected by automatic sampler. All samples must be collected from a storm event discharge that is greater than 0.1 inch in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. The observation shall document: color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution.
   (4) The permittee shall maintain visual observation reports onsite with the SWPPP for a minimum of three years. The report must include the observation date and time, inspection personnel, nature of the discharge (i.e., runoff), visual quality of the storm water discharge (including observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of storm water pollution), and probable sources of any observed storm water contamination.
   (5) At least once a year the personnel named in the SWPPP shall verify that the description of potential pollutant sources required under this permit is accurate; the site map as required in the SWPPP has been updated or otherwise modified to reflect current conditions; and the controls to reduce pollutants in storm water discharges associated with industrial activity identified in the SWPPP are being implemented and are adequate.

g. Submission of Plan Summary & Progress/Update Reports

(1) Plan Summary: Not later than 1 year after the effective date of the permit, a summary of the SWPPP shall be developed and maintained at the site/facility and made available to the permit issuing authority upon request. The summary should include the following: a brief description of the plan, its implementation process, schedule for implementing identified waste reduction practices, and a list of all waste reduction practices being employed at the site/facility.

(2) Progress/Update Reports: Annually thereafter for the duration of the permit progress/update reports documenting implementation of the plan shall be maintained at the site/facility and made available to the permit issuing authority upon request. The reports shall discuss whether or not implementation schedules were met and revise any schedules, as necessary. The plan shall also be updated as necessary and the attainment or progress made toward specific pollutant reduction targets documented.

(3) A timetable for the various plan requirements follows:

Timetable for SWPPP Requirements:

REQUIREMENT	TIME FROM EFFECTIVE DATE OF THIS PERMIT
Complete SWPPP	3 months
Complete SWPPP Summary	1 year
Progress/Update Reports	Annually

The permittee shall maintain the plan and subsequent reports at the site/facility and shall make the plan available to the Department upon request.

h. Plan Review & Modification

If following review by the Department, the SWPPP is determined insufficient, the permittee will be notified that the SWPPP does not meet one or more of the minimum requirements of this Part. Upon such notification from the Department, the permittee shall amend the plan and shall submit to the Department a written certification that the requested changes have been made. Unless otherwise provided by the Department, the permittee shall have 30 days after such notification to make the changes necessary.

The permittee shall modify the SWPPP whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants to waters of the State or if the plan proves to be ineffective in achieving the general objectives of reducing pollutants in storm water discharges. Modifications to the plan may be reviewed by the Department in the same manner as described above.

The permittee may incorporate applicable portions of plans prepared for other purposes. Plans or portions of plans incorporated into a SWPPP become enforceable requirements of this permit.

VIII. OTHER SPECIFIC CONDITIONS

1. Where required by Chapter 471 or Chapter 492, F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a professional engineer or a professional geologist, as appropriate. *[62-620.310(4)]*

2. The permittee shall provide verbal notice to the Department's Northeast District Office as soon as practical after discovery of a sinkhole or other karst feature within an area for the management or application of wastewater, or wastewater sludges. The Permittee shall immediately implement

measures appropriate to control the entry of contaminants, and shall detail these measures to the Department's Northeast District Office in a written report within 7 days of the sinkhole discovery. *[62-620.320(6)]*

3. Existing manufacturing, commercial, mining, and silvicultural wastewater facilities or activities that discharge into surface waters shall notify the Department as soon as they know or have reason to believe:

   a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels;
      (1) One hundred micrograms per liter,
      (2) Two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2, 4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter for antimony, or
      (3) Five times the maximum concentration value reported for that pollutant in the permit application; or

   b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels;
      (1) Five hundred micrograms per liter,
      (2) One milligram per liter for antimony, or
      (3) Ten times the maximum concentration value reported for that pollutant in the permit application.

   [62-620.625(1)]

4. **Reopener Clause**

   a. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345, F.A.C., if applicable, or to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act (the Act), as amended, if the effluent standards, limitations, or water quality standards so issued or approved:

      1. Contains different conditions or is otherwise more stringent than any condition in the permit/or;

      2. Controls any pollutant not addressed in the permit.

      The permit as revised or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

   b. The permit may be reopened to adjust discharge limitations or monitoring requirements should future Water Quality Based Effluent Limitation determinations, water quality studies, DEP approved changes in water quality standards, EPA established Total Maximum Daily Loads (TMDL), or other information show a need for a different limitation or monitoring requirement.

5. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes,metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are encountered at any time within the project site area, the permitted project shall cease all activities involving subsurface disturbance in the vicinity of the discovery. The applicant shall contact the Florida Department of State, Division of

Historical Resources, Compliance Review Section at (850)-245-6333. Project activities shall not resume without verbal and/or written authorization. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*

3. As provided in subsection 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rules 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10), or as specified elsewhere in the permit.

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

    d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit. For domestic wastewater facilities, testing for parameters listed in Rule 62-160.300(4), F.A.C., shall be conducted under the direction of a certified operator.

    e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

    f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

    [62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*

20. The permittee shall report to the Department's Northeast District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

    a. The following shall be included as information which must be reported within 24 hours under this condition:
        (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
        (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
        (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
        (4) Any unauthorized discharge to surface or ground waters.

    b. Oral reports as required by this subsection shall be provided as follows:
        (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph (a)4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Office:
            (a) Name, address, and telephone number of person reporting;
            (b) Name, address, and telephone number of permittee or responsible person for the discharge;
            (c) Date and time of the discharge and status of discharge (ongoing or ceased);
            (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
            (e) Estimated amount of the discharge;
            (f) Location or address of the discharge;
            (g) Source and cause of the discharge;
            (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
            (i) Description of area affected by the discharge, including name of water body affected, if any; and
            (j) Other persons or agencies contacted.
        (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b.1 above, shall be provided to the Department's Northeast District Office within 24 hours from the time the permittee becomes aware of the circumstances.

    c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Northeast District Office shall waive the written report.

    [62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17, 18 or 19 of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20 of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

    a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.

    b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
       (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
       (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
       (3) The permittee submitted notices as required under Permit Condition IX. 22. c. of this permit.

    c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX. 20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

    d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22. b.(1) through (3) of this permit.

    e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX. 22. b. through d. of this permit.

    [62-620.610(22)]

23. Upset Provisions.

    a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
       (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
       (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.

    b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
       (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
       (2) The permitted facility was at the time being properly operated;
       (3) The permittee submitted notice of the upset as required in Permit Condition IX.5. of this permit; and

(4) The permittee complied with any remedial measures required under Permit Condition IX. 5. of this permit.

c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

[62-620.610(23)]

Executed in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENTOF
ENVIRONMENTAL PROTECTION

Richard S. Rachal III, P.G.
Permitting Program Administrator

PERMIT ISSUANCE DATE: , 2016

Attachment(s):
Discharge Monitoring Report

Florida Department of Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN THE MATTER OF:	IN THE OFFICE OF THE NORTHEAST DISTRICT
Mr. Robert Markwell, President Beazer East, Inc. Manor Oak One, Suite 200 1910 Cochran Road Pittsburgh, Pennsylvania 15220 Telephone: (412) 208-8812	Administrative Order No.: AO 146 NE November 30, 2016 DEP Permit No: FLS711462-004 Beazer East, Inc. – Gainesville

ADMINISTRATIVE ORDER ESTABLISHING COMPLIANCE SCHEDULE UNDER SECTIONS 403.088(2) and 403.067(7)F.S.

I. STATUTORY AUTHORITY

The Department of Environmental Protection (Department) issues this administrative order under the authority of Sections 403.088 and 403.067(7), Florida Statutes. The Secretary of the Department has delegated authority to the Director of District Management, who issues this order and makes the following findings of fact.

II. FINDINGS OF FACT

1. Beazer East, Inc. is a person under Section 403.031 of the Florida Statutes.

2. Beazer East, Inc owns and operates the Beazer facility which is located at 200 NW 23rd Avenue, Gainesville, Florida 32609, Alachua County. The site discharges storm water into

waters of the state as defined in Section 403.031, Florida Statutes.

3. Beazer East, Inc. applied for and obtained a storm water permit under the National Pollution Discharge Elimination System (NPDES).

4. The Beazer East, Inc. Gainesville site does/may not meet the limit for total recoverable copper, total recoverable arsenic, total recoverable iron, total recoverable chromium (reported as trivalent chromium), total polycyclic aromatic hydrocarbons (PAH) and pentachlorophenol (PCP) within specific Condition Number I.A.1 of DEP Permit No. FLS711462.

5. Sections 403.088(2),Florida Statutes, authorize the Department to issue a permit for the discharge of storm water into waters of the state, accompanied by an order establishing a schedule for achieving compliance with all permit conditions if the specified criteria are met.

6. The Department finds that

a) Beazer East, Inc. has initiated and completed implementation of interim storm water controls, as required by a Consent Order between Beazer and the Department (OGC File No. 10-1780) and in accordance with DEP Permit No. FLS711462. Final storm water controls will be designed and implemented as part of the overall site remediation process. The site is regulated under the EPA Superfund program.

b) Beazer East, Inc. needs permission to discharge storm water into the waters within the state for a period of time necessary to complete research, planning, construction, installation, or operation of an

approved and final storm water control system as part of the EPA Superfund remedy;

c) There is no present, reasonable, alternative means of disposing of the storm water other than by discharging it into waters of the state;

d) The granting of a discharge permit will be in the public interest;

e) The discharge will not be unreasonably destructive to the quality of the receiving waters.

III. ORDER

Based on the foregoing findings of fact, **IT IS ORDERED,**

1. The Permittee, Beazer East, Inc. shall be allowed to discharge to outfall D-001 and shall comply with the requirements of this Order, the Permit, and any subsequent revisions to the Permit. This Order establishes the interim requirements for total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, total polycyclic aromatic hydrocarbons (PAH), Pentachlorophenol (PCP) and a schedule for compliance with respect to the monitoring requirements and discharge limitations for these parameters as contained in Part I.A.1 of the Permit. This is consistent with Section 403.151 and 403.088, F.S., which allows the Department to establish a schedule for compliance with a permit or rules of the Department.

2. During the interim period in which the Permittee is working to bring the Facility into compliance as required by this Order, the following monitoring requirements for total recoverable copper, total recoverable arsenic, total recoverable iron,

trivalent chromium, total polycyclic aromatic hydrocarbons (PAH) and pentachlorophenol (PCP) shall apply:

a. During the period beginning upon the issue date of the permit and lasting as indicated in the compliance schedule III.2.(c), the Permittee is authorized to discharge to outfall D-001. Such discharge shall be limited and monitored by the Permittee as specified below and reported in accordance with condition III.3:

			Storm water Discharge Limitations		Monitoring Requirements			
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Total Recoverable Chromium (reported as Trivalent Chromium)	µg/L	Max	Report Value and Calculated Value	Single sample (hardness based)	Quarterly	Flow Proportional Composite Sample	EFF-001	See notes ii, iii
Total Polycyclic Aromatic Hydrocarbons (PAH)	µg/L	Max	Report	Annual Average	Quarterly	Flow Proportional Composite Sample	EFF-001	See note iii
Pentachlorophenol (PCP)	µg/L	Max	Report Value and Calculated Value	Single sample (pH based)	Quarterly	Flow Proportional Composite Sample	EFF-001	See note iii,iv
Total Recoverable Iron	ug/L	Max	Report	Single sample	Quarterly	Flow Proportional Composite Sample	EFF-001	See note iii

			Storm water Discharge Limitations		Monitoring Requirements			
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Total Recoverable Copper	µg/L	Max	Report Value and Calculated Value	Single sample (hardness based)	Quarterly	Flow Proportional Composite Sample	EFF-001	See notes i, iii
Total Recoverable Arsenic	µg/L	Max	Report	Single sample	Quarterly	Flow Proportional Composite Sample	EFF-001	See note iii

i. The calculated value for "Copper, Total Recoverable" shall be calculated using the following equation(s):

$$Cu \leq e^{(0.8545[\ln H]-1.702)}$$

Total hardness shall be measured at the time of the storm water sample. The "ln H" means the natural logarithm of total hardness expressed as mg/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is <25 mg/L and set at 400 mg/L if actual hardness is >400 mg/L.

The measured value shall be recorded on the DMR in the parameter row for "Copper, Total Recoverable (storm water)." The calculated limit shall be recorded on the DMR in the parameter row for "Copper, Total Recoverable (calculated limit)" as "report only" for the duration of the AO. *[62-302.530(23)]*

ii. The calculated value for "Chromium, trivalent" shall be calculated using the following equation(s):

$$Cr \leq e^{(0.819[\ln H] +0.6848)}$$

The sample is measured as total recoverable Chromium. Total hardness shall be measured at the time of the storm water sample. The "ln H" means the natural logarithm of total hardness expressed as mg/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is <25 mg/L and set at 400 mg/L if actual hardness is >400 mg/L.

The measured value shall be recorded on the DMR in the parameter row for "Chromium, Trivalent (storm water)." The calculated limit shall be recorded on the DMR in the parameter row for "Chromium, Trivalent (calculated limit)" as "report only" for the duration of the AO. *[62-302.530(19)(a)][62-302.500(2)(d)]*

iii. Follow the latest DEP approved Storm Water Sampling Plan concerning sample type and sampling procedures.

iv. The calculated value for "Pentachlorophenol" shall be calculated using the following equation(s):

$$\text{Pentachlorophenol} \leq e^{(1.005[pH] - 5.29)}$$

The sample is measured as Pentachlorophenol. pH shall be measured in the lab for this calculation.

The measured value shall be recorded on the DMR in the parameter row for "Pentachlorophenol (storm water)." The calculated limit shall be recorded on the DMR in the parameter row for "Pentachlorophenol (calculated limit)" as "report only" for the duration of the AO.

b. Storm water samples shall be taken at the monitoring site locations listed above and as described below:

Monitoring Location Site Number	**Description of Monitoring Location**
EFF-1	Sample point located at overflow weir at outfall located at the northeast corner of the property.
CAL-1	Calculated value

c. Compliance schedule for the storm water limits :

	ACTION ITEM	DUE DATE
1.	Submit an Improvement Plan and Status Report, for DEP approval, detailing and proposing ways to reduce and bring the concentrations of total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, total polycyclic aromatic hydrocarbons (PAH), pentachlorophenol (PCP) into compliance with the final limits. Dependent on the EPA final remediation plan, and qualifying storm water	6 months following permit effective and then every 6 months for the duration of the permit.

	discharge events, propose improvement of interim storm water discharge quality limits. Detail progress on implementing steps to reduce and bring the concentrations of total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, total polycyclic aromatic hydrocarbons (PAH), pentachlorophenol (PCP) into compliance with the final limits. If final limits are met, no improvement plan is necessary.	
2.	Compliance with all DEP permit limits for total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, total polycyclic aromatic hydrocarbons (PAH), pentachlorophenol (PCP). Provide status report as related to and dependent upon the EPA final remediation plan.	No later than 5 years from the effective date of permit FLS711462, unless the final remedial actions have not been implemented under the EPA Superfund process, in which case it shall be immediately after such final remedial actions have been implemented.

d. The monitoring requirements and interim limits (in III.2.a, above) for total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, total polycyclic aromatic hydrocarbons (PAH) and pentachlorophenol (PCP) shall become effective on the effective date of the Permit. Once final remedial actions (including installation of surface covers and final storm water controls) have been taken under the EPA Superfund process, Beazer shall comply with the final DEP permit limits (Class III water quality standards for fresh water, Rule 62-302 FAC) for total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, and total polycyclic aromatic hydrocarbons (PAH) and pentachlorophenol (PCP) listed in permit Condition

I.A.1, but no later than 5 years from the effective date of permit FLS711462, unless the final remedial actions have not been implemented under the EPA Superfund process, in which case it shall be immediately after such final remedial actions have been implemented.

e. The Permittee shall, within six months of the execution of this agreement, and at six (6) months intervals thereafter until fulfillment of all the requirements of this Order, submit to DEP concise progress reports on the Permittee's actions and efforts to comply with the requirements of this Order.

3. The Permittee shall collect samples and analyze for total recoverable copper, total recoverable arsenic, total recoverable iron, trivalent chromium, total polycyclic aromatic hydrocarbons (PAH) and pentachlorophenol (PCP). The results shall be reported in the Discharge Monitoring Report and shall be received by the Department by the 28th day of each following month.

4. The Permittee shall submit either a report of progress or, in the case of specific actions being required by an identified date, a written notice of compliance or non-compliance within 14 calendar days following a date identified in the above schedule of compliance, unless otherwise specified in this Order. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

5. Except as otherwise provided in this Order, Beazer East, Inc. shall maintain and operate its facilities (the

site) in compliance with all other conditions of DEP Permit No. FLS711462.

6. This Order may be modified as set forth in chapter 62-4 and 62-620 of the Florida Administrative Code.

7. DMRs shall be submitted for each required monitoring period including periods of no discharge. The Permittee shall make copies of the attached Interim DMR form(s) and shall submit the completed DMR form(s) to the Department by the twenty-eighth (28th) of the month following the monitoring period at the address specified below:

Florida Department of Environmental Protection
Wastewater Compliance Evaluation Section
Mail Station 3551 Bob Martinez Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Other reports or information required by this order shall be sent to:

Thomas G. Kallemeyn
Environmental Administrator
Northeast District Office
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Electronic submittals of DMR forms, status/progress reports, and/or other information will be acceptable in if agreed to beforehand by the Department and Beazer.

8. This Order does not operate as a permit under section 403.088 of the Florida Statutes. This order shall be incorporated by reference into DEP Permit No. FLS711462 which shall require compliance by the Permittee with the requirements of this order.

9. Failure to comply with the requirements of this order shall constitute a violation of this order and DEP Permit No. FLS711462, and may subject the Permittee to penalties as provided in section 403.161 of the Florida Statutes.

10. This Order is final when filed with the clerk of the Department, and Beazer East, Inc. then shall implement this order unless a petition for an administrative proceeding (hearing) is filed in accordance with the notice set forth in the following section.

IV. NOTICE OF RIGHTS

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or receipt of the written notice, whichever occurs first.

Under Section 120.60(3) of the Florida Statutes, however, any person who has asked the Department for notice of agency

action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition or request for mediation within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 of the Florida Statutes, or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department case or identification number and the county in which the subject matter or activity is located;

(b) A statement of when and how each petitioner received notice of the Department action;

(c) A statement of how each petitioner's substantial interests are affected by the Department action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;

(f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and

(g) Demand for relief (sought by the petitioner, stating precisely the action that the petitioner wants the Department to take).

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise contain the same information as set forth above, as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to requesting an administrative hearing, any petitioner may elect to pursue mediation. The election may be accomplished by filing with the Department a mediation agreement with all parties to the proceeding (i.e., the applicant, the Department, and any person who has filed a timely and sufficient petition for a hearing). The agreement must contain all the information required by Rule 28-106.404. The agreement must be received by the clerk in

the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within ten days after the deadline for filing a petition, as set forth above. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement.

As provided in Section 120.573 of the Florida Statutes, the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57 for holding an administrative hearing and issuing a final order. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons seeking to protect their substantial interests that would be affected by such a modified final decision must file their petitions within fourteen days of receipt of this notice, or they shall be deemed to have waived their right to a proceeding under Sections 120.569 and 120.57.

If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

DONE AND ORDERED on November 30, 2016 in Jacksonville, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Richard S. Rachal III, P.G.
Permitting Program Administrator

Copies furnished by email to:

SJRWMD
Elsa Potts, P.E., FDEP
Monica Sudano, FDEP
Kelsey Helton, P.G., FDEP
Alachua County Health Department
Alachua County Board of County Commissioners
Scott Miller, EPA Region IV
NPDES Permit Section, EPA Region IV
The United States Fish and Wildlife
St. Johns River Water Management District
Anthony Lyons, City of Gainesville, Interim City Manager
Rick Hutton, P.E., GRU

AMMENDMENT TO FACT SHEET
FOR
STATE OF FLORIDA NPDES STORMWATER FACILITY PERMIT

PERMIT NUMBER: FLS711462-005

FACILITY NAME: Beazer East, Inc. Gainesville.

FACILITY LOCATION: 200 NW 23rd Ave, Gainesville, FL 32609-3603
Alachua County

NAME OF PERMITTEE: Beazer East Inc.

PERMIT WRITER: Jeff Martin, P.E.

1. SUMMARY OF APPLICATION

   a. Chronology of Application

      Application Number: FLS711462-005-ISW-MM

      Application Submittal Date: November 30, 2016

      Permit Issued November 30, 2016

      This permit revision is to correct typographical errors. Review of the monitoring table I.A.1 for iron and pentachlorophenol. Includes requirement for electronic DRM submittal. This also results in a revised DMR. There are no other changes to the permit documents.

FACT SHEET
FOR
STATE OF FLORIDA NPDES STORMWATER FACILITY PERMIT

PERMIT NUMBER: FLS711462-004

FACILITY NAME: Beazer East, Inc. Gainesville.

FACILITY LOCATION: 200 NW 23rd Ave, Gainesville, FL 32609-3603
Alachua County

NAME OF PERMITTEE: Beazer East Inc.

PERMIT WRITER: Jeff Martin, P.E.

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLS711462-004-ISW

Application Submittal Date: December 23, 2015

Draft permit sent February 25, 2016

No comments received from EPA nor the applicant. Added a specific condition update based on request from the Florida Department of State Division of Historic Resources, comments about historic artifacts (page 20).

Notice of Intent March 28, 2016

Publication of Intent April 17, 2016

No comments received from EPA, the applicant, the public, nor any agency.

Issue Final Permit May 2, 2016

b. Type of Facility

The permittee is implementing a range of actions to remediate this Superfund Site. Storm water on the site is generated as a result of contact with existing soils and sediment. Interim storm water controls for the discharge have been implemented for storm water discharge from this site. The interim controls are designed to mitigate potential migration of constituents via storm water during the period between now and when a final storm water management plan is implemented. A final storm water management plan is being developed as part of the Superfund remedial design for the final site remedy and will be implemented pursuant to state and federal regulations and requirements. The facility has no current or

planned industrial activity and thus does not discharge any process or non-process wastewater. The facility is not permitted to discharge industrial wastewater to waters of the state. This permit authorizes discharge of storm water associated with site runoff, after specified rainfall events, to a ditch which connects to Springstead Creek, Class III fresh water. This permit authorizes only storm water discharge from one location on this site (designated as D-001). This location is a regulated EPA Superfund site.

SIC Code: 2491 - Wood Preservation - inactive site

c. Facility Capacity

Existing Permitted Capacity:	0 mgd Daily Maximum Flow
Proposed Increase in Permitted Capacity:	0 mgd Daily Maximum Flow
Proposed Total Permitted Capacity:	0 mgd Daily Maximum Flow

d. Description of Site and Background

The facility is implementing a range of actions to remediate this Superfund Site. Storm water on the site is discharged as a result from contact with existing solids and sediment. The interim improvement plan addresses storm water discharge from this site. A final storm water plan will be developed as part of the Superfund remedial design for the final site remedy and implemented pursuant to state and federal regulations and requirements.

The facility has been designed to preclude the discharge of any process or non-process wastewater, and is not permitted to discharge industrial wastewater to waters of the state. This permit authorizes discharge of storm water associated with site activity, after specified rainfall events, to a ditch which connects to Springstead Creek, Class III fresh water.

Beazer East, Inc. (Beazer) is implementing storm water improvements at its property located at 200 NW 23rd Avenue, Gainesville, Florida (the "Site"). This federal Superfund Site has been decommissioned as a wood preservative facility and is expected to be redeveloped after completion of substantial Site remediation activities currently being planned. Beazer is working in cooperation with federal, state, and local authorities to select and design a final Site remedy and end use for the property. Thus, future land use modifications are not finalized at this time. The preliminary storm water analysis is for the transition stage of the facility and not for the final developed conditions, which have not been designed. The "development" activities described herein are thus *interim* Site Best Management Practice (BMP) measures which make the attached permit application different from most permits submitted.

The approximately 86-acre Site is currently vacant property. The previous Site use was the Koppers Wood Treatment Facility. The Site address is 200 NW 23rd Avenue, Gainesville, Florida 32609. The Site is located in Alachua County, Florida. The Site is bound on the south by NW 23rd Avenue (State Highway 120), on the west by a residential neighborhood, on the north by several residences and a City of Gainesville storage facility, and on the east by a railroad right of way.

The FDEP Identification Number for the Site is FLR05B160. The prior site owner, Koppers Inc., operated under a Multi Sector Generic Permit (MSGP) for Storm water Discharge Associated with Industrial Activity. On March 29, 2010, Beazer submitted a Notice of Intent to use a MSGP when it took ownership of the property on March 30, 2010. FDEP denied the MSGP on May 25, 2010, and indicated that an

individual industrial discharge permit would be required. Beazer submitted an application for the individual permit on June 1, 2010, and subsequently responded to FDEP's requests for additional information. The current application, FLS711462-004, submitted on December 23, 2015 was deemed complete.

The Site drains generally from south to the north. The ultimate receiving water body for storm water discharge from the Site is Springstead Creek. The Site is currently divided by a storm water drainage conveyance ditch that separates the Site into an eastern and western half as the drainage ditch runs south to north. Much of the Site remains uncleared and is forested. Those areas of the Site will be left undisturbed at this time, thus the BMPs proposed on the property affect approximately 36 acres of the total Site area of 86 acres. The 36 acres affected are the disturbed portions of the Site where the industrial activities used to take place.

Description of Storm Water Treatment:

Storm water from this 86 acre site is conveyed by overland flow and sheet flow by gravity to on-site swales that feed into on-site detention areas. The detention areas could overflow into an existing on-site ditch that carries stormwater from roadway drainage south of the site through the site and eventually to Springstead Creek. This ditch exits the site at the location designated D-001. However, overflow has not occurred in the initial five years since construction of the detention areas. Also, stormwater from a small portion of the site (e.g. north of the detention areas) can discharge to the on-site ditch without going through the detention areas. Site improvements for stormwater control installed since 2009 include grass cover, perimeter berms and dedicated swales to direct on-site flows to the main on-site ditch that runs generally South to North. These are interim stormwater controls pending completion of the final design being completed under the Superfund remediation process.

Interim Improvements and Actions

An EPA issued Order, the FDEP AO and permit provide three areas of storm water control measures for the site, namely: completed construction activities, operation and maintenance and evaluation and modification (Adaptive Management).

Unconfined emissions and unconfined particulate matter will be controlled by Best Management Practices (BMP). During implementation of any future storm water related improvements or corrective actions such as root raking, berm construction, or other earth work, control measures will be in place to effectively control dust from leaving the property and air monitoring will be conducted.

STORM WATER DISCHARGE:

Storm Water Discharge D-001: An existing permitted discharge from the site to a ditch that connects to Springstead Creek Class III Fresh Waters, (WBID 2698; Orange Creek Planning Unit, Hogtown Creek Basin). The point of discharge is located approximately at latitude 29°65' 22" N, longitude 82°26' 34" W.

STORM WATER CONTROLS:

Storm water from this 86 acre site is conveyed by overland flow and sheet flow by gravity to an existing on-site ditch. Site improvements include grass cover, perimeter berms and dedicated swales to direct on-site flows to the main on-site ditch that runs generally South to North.

Interim Improvements and Actions:

I. Operation and Maintenance

- Weekly inspection and maintenance of all interim controls (including the composite sampler) shall be conducted to ensure stabilization and effective storm water control.
- Installation of silt fencing around the perimeter of site modifications will take place as needed to inhibit erosion, and sediment migration. The silt fencing will be maintained as necessary if site activities dictate until grass cover has been established.
- Placement of mulch over site roads and interior roadways will be done as needed to limit sediment and dust discharge.
- Invasive exotic plant control is required in seeded and sodded areas.
- As necessary, grass cover will be maintained through irrigation, reseeding, and/or application of sod. Appropriately selected fertilizer will be applied if necessary.
- Water from the Site groundwater extraction and treatment system may continue to be used for on-site irrigation and/or dust suppression. Permittee has demonstrated that the produced groundwater meets Florida Drinking Water Standards (62-550 FAC). In accordance with the permittee submitted plan for water reuse, the treatment system will be properly operated and maintained and laboratory analyses of the irrigation water will be conducted and results monitored.
- If/as necessary, the northeast corner of the site will be re-graded and seeded to ensure that runoff does not leave the site except via the main drainage ditch at the outfall (D-001). In addition, silt fencing may be used for control of off-Site sediment migration.
- Demolition activities on-site that create new bare areas that are not currently present will be disc-plowed and seeded in accordance with the specifications above. Long-term maintenance of those areas will be required.
- New or required site construction activities as part of remediation plans must be evaluated for surface stormwater effects and potential changes to operation and maintenance of the site. Changes may be necessary for storm water controls and may be required for construction, operation or maintenance.

II. Evaluation and Modification – Adaptive Management

- The overall effect of the interim site modifications has resulted in stabilization of the site soil, reduction of compacted limerock/dirt areas, and on-site impoundment of surface runoff during storms. The interim site modifications have reduced the volume of storm water runoff that exits the site during any storm event. The modifications decrease the amount of off-site sediment transport, reducing the potential for discharge of site-related constituents.
- Berms will be lengthened and modified if/as needed to prevent storm water flow across the eastern property boundary or northern boundary, except at outfall D-001. The outfall structure has been improved to accommodate sampling. Silt fencing may be installed and maintained as necessary to control sediment.

- Long-term viability of the sod and seeded areas will be evaluated through weekly inspections. If at any time a stand of grass or an area that was stabilized loses stabilization integrity due to natural or artificial conditions or activities, replacement sod or seeding (as appropriate) will be used to correct the deficiency.

- Quarterly water quality reports and quarterly storm water site evaluation reports are required for the duration of this permit. Reports will include an effectiveness evaluation of the interim storm water improvements, operation status and proposal(s) for any needed corrective actions.

- The interim storm water control measures must be properly operated and maintained. This location is a regulated Superfund site. During implementation of the site remedy, further storm water controls may be designed and submitted to DEP as part of remediation activities. *The final storm water improvement plan will be developed in accordance with state and federal requirements and regulations as part of the Superfund remedial design for the final site remedy, and will be implemented as part of the EPA Superfund remedy.*

e. Description of Effluent Disposal and Land Application Sites (as reported by applicant)

See attached map(s) for the discharge location and land site(s).

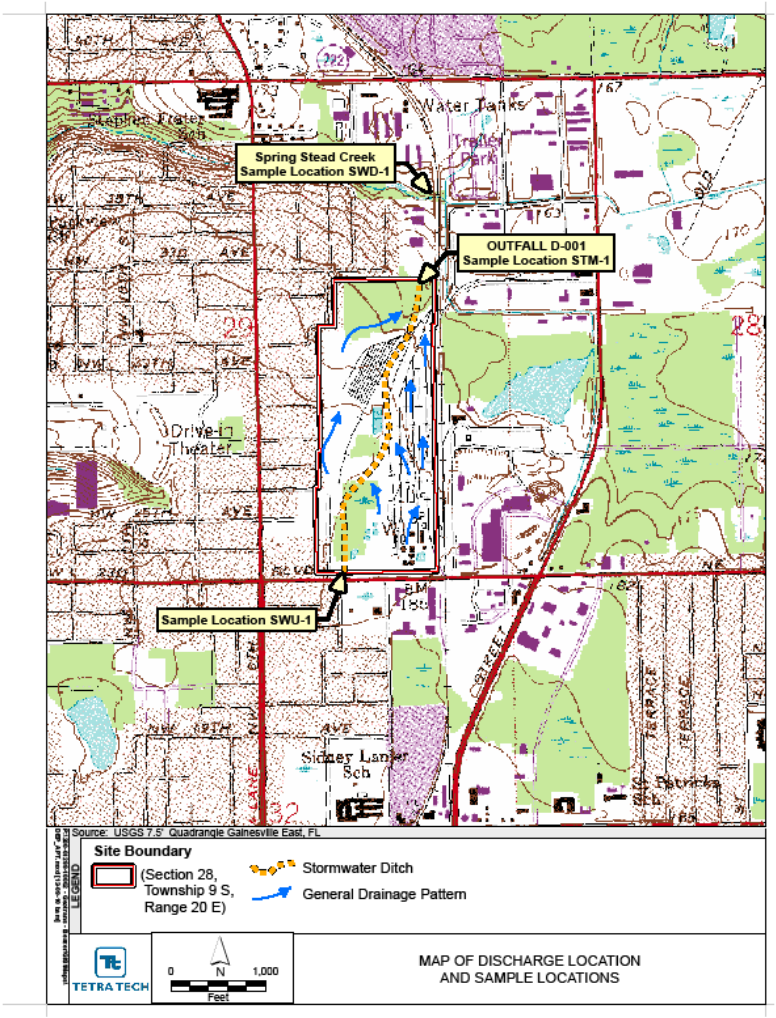

Figure 1 – Map of site with outfall location and ambient monitoring locations

Monitoring Group D-001:

Class III Fresh Waters, Hogtown Creek

Pollutants which are present in significant quantities or which are subject to permit limitations in the discharge from the ditch at D-001 are as follows:

Parameter	Units	Max/Min	Reported Value	Statistical Basis
Flow	MGD	Max	6.068	Daily Max
Flow	MGD	Max	1.3978	Average
Duration of Discharge	day	Max	6	days
pH	s.u.	Max	8.0	Daily Max
pH	s.u.	Min	5.87	Daily Min

Parameter	Units	Max/Min	Reported Value	Statistical Basis
Solids, Total Suspended	mg/L	Max	47	Daily Max
Iron, Total Recoverable	mg/L	Max	2.890	Daily Max
Arsenic, Total Recoverable	ug/L	Max	65	Daily Max
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	Max	408	Daily Max
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	9.29	Ann Average
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	21.8	Daily Max

2014	Hardness as CaCO3	Cu Limit ug/L	Cu Result ug/L	Cr Limit ug/L	Cr Result ug/L	Pentachlorophenol Ann Avg. ug/L	Pentachlorophenol Result ug/L
Quarter 1	17.5	2.9	2	27.7	7.9	0.65	<1.3
Quarter 2	172	14.83	2	134.4	21.9	0.66	<1.3
Quarter 3	177	15.2	2	137.6	15	0.66	<1.3
Quarter 4	162	14.1	15	128	25	0.65	<1.3
2015							
Quarter 1	188	16	2	144.5	0.41	0.65	<1.3
Quarter 2	32.3	3.55	2.0	34.2	0.41	0.65	<1.3
Quarter 3	169	14.6	2	132	0.41	0.64	<1.2
Quarter 4	218	18	22	163	32	0.63	<1.2

For the hardness based water quality standards, copper and chromium, a review of the last 2 years indicate that the only parameter exceedance was for copper on the 4th quarter of 2014 and 2015. The sample location includes stormwater runoff from the DOT state road 120 (NW 23rd Avenue) which drains to the on-site ditch and contributes to the discharge from the site.

Future stormwater management improvements as part of the overall Superfund plan will address water quality for the discharge from the site.

SUMMARY OF SURFACE WATER DISCHARGE

This facility does not have a new or expanded discharge to surface waters.

The Department does not anticipate adverse impacts on threatened or endangered species as a result of permit issuance.

a. Description of Receiving Water:

The outfall discharges to a ditch that reaches Springstead Creek then to Hogtown Creek.

Outfall Location:

Storm Water Discharge D-001: An existing permitted discharge from the site to a ditch that connects to Springstead Creek Class III Fresh Waters, (WBID 2698; Orange Creek Planning Unit, Hogtown Creek Basin). The point of discharge is located approximately at latitude 29°40' 55" N, longitude 82°19' 30" W.

b. 303(d) Lists:

The listed parameters of concern within WBID 2698 and within the upstream and downstream segments are summarized below. A TMDL for this segment of the Orange Creek Planning Unit Hogtown Creek Basin has been developed. Discharge does not contribute to impairment for these parameters.

Table 3: 303(d) Lists

WBID	2711 – Basin Upstream (above the discharge)		**2698 – Outfall Basin (Springstead Creek above Hogtown Creek)**		2694- Basin Downstream (below the discharge)	
303(d) List	EPA 303(d) List (9/30/14)	DEP 303(d) List (2/12/13)	EPA 303(d) List (9/30/14)	DEP 303(d) List (2/12/13)	EPA 303(d) List (9/30/14)	DEP 303(d) List (2/12/13)
Impaired Parameters	Fecal colifom, total coliform, nutrients	n/a	Fecal Coliform, Total Coliform, nutrients, DO	n/a	n/a	n/a

Fecal coliforms – for this site there is no facility wastewater discharge, thus no coliform source, just stormwater that runs through the ditch that collects roadway drainage.

Nutrients - for this site there is no facility wastewater discharge, thus no nutrient source, just stormwater that runs through the ditch that collects roadway drainage.

Dissolved oxygen – new DO criteria has been established for the receiving waters under rule 62-302.530 FAC where the dissolved oxygen criteria has been changed to be based on the dissolved oxygen percent saturation. Again the on-site ditch that traverses across the property receives only roadway runoff and there is no facility located on this site. The receiving waters discharge to Springstead Creek, Class III waters, which drains to wetland areas where DO limits are not applicable. The upper receiving waters are generally flowing (with varied water levels) and the downstream waters drain to wetland and swamp drainage with naturally low pH and low DO levels.

The waterbody is part of WBID # 2698, the Orange Creek Planning Unit, Hogtown Creek Basin. This basin has a BMAP established based on basin studies and specific TMDLs established for certain streams. This site is included in the considerations for the current BMAP that was established May 2008 by Secretarial Order, then reviewed and the second phase approved in July 2014.

The second phase of the Orange Creek Basin Management Action Plan, developed in partnership with the City of Gainesville, Marion and Alachua Counties, the St. Johns River Water Management District, Alachua County Health Department, Gainesville Regional Utilities, private silviculture interests, and other local stakeholders, identifies actions and commitments to restoring and protecting water quality in the Orange Creek Basin.

3. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

This facility is authorized to discharge stormwater from Outfall D-001 to Hogtown Creek based on the following:

Parameter	Units	Max /Min	Limit	Statistical Basis	Rationale
Flow	MGD	Max	Report	Daily Maximum	62-620, FAC
Duration of Discharge	day	Max	Report	Year-To-Date Total	62-620, FAC
pH	s.u.	Min	6.0	Daily Minimum	62-302.530, FAC
		Max	8.5	Daily Maximum	62-302.530, FAC
Solids, Total Suspended	mg/L	Max	Report	Daily Maximum	62-302.530, FAC
Oxygen, Dissolved (DO)	mg/L	Min	Report	Daily Minimum	62-302.530, FAC
Iron, Total Recoverable	mg/L	Min	1.0	Daily Minimum	62-302.530, FAC
Hardness, Total (as CaCO3)	mg/L	Max	Report	Daily Maximum	62-302.530, FAC
Arsenic, Total Recoverable	ug/L	Max	50.0	Daily Maximum	62-302.530, FAC
Copper, Total Recoverable	ug/L	Max	-	Single Sample	62-302.530, FAC
Hardness, Total (as CaCO3)	mg/L	Max	Report	Single Sample	62-302.530, FAC
Pentachlorophenol	ug/L	Max	8.20	Annual Average	62-302.530, FAC
		Max	30.0	Daily Maximum	62-302.530, FAC
pH (lab for PCP)	s.u.	Max	Report	Daily Maximum	62-302.530, FAC

Parameter	Units	Max /Min	Limit	Statistical Basis	Rationale
Chromium, Trivalent Total Recoverable	ug/L	Max	-	Single Sample	62-302.530, FAC
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	pg/L	Max	Report	Daily Maximum	62-302.530, FAC
Polycyclic Aromatic Hydrocarbons, Total	ug/L	Max	0.031	Annual Average	62-302.530, FAC

The limit(s) for "Copper, Total Recoverable; and Chromium, Trivalent Total Recoverable" shall be calculated using the following equation(s):

$Cu \leq e^{(0.8545[\ln H]-1.702)}$ ug/L
$Cr \leq e^{(0.819[\ln H]+0.6848)}$ ug/L

Total hardness shall be measured at the time of the effluent sample. The "ln H" means the natural logarithm of total hardness expressed as mg/L of $CaCO_3$. For metals criteria involving equations with hardness, the hardness shall be set at 25 mg/L if actual hardness is <25 mg/L and set at 400 mg/L if actual hardness is >400 mg/L. *[62-302.530(23), 62-302.530(19)]*

This facility has provided reasonable assurance that the discharge will not adversely affect the designated use of the receiving water. Fifth year inspection data, as well as all other available data, have been evaluated in accordance with the Department's reasonable assurance procedures to ensure that no limits other than those included in this permit are needed to maintain Florida water quality standards.

The receiving water body for this discharge is not listed on the 303D list.

Ambient sampling during the permit cycle shall be conducted in accordance with the latest approved ambient sampling and monitoring plan submitted to the DEP Jacksonville, Wastewater Permitting Section. Ambient water quality sampling shall be conducted when a discharge occurs (once per quarter) from Outfall D-001. Ambient sites shall be sampled for the following parameters and report the monitoring results on the DEP discharge monitoring form (DMR).

SITE NUMBER	DESCRIPTION
SWU-1	Upstream, at inflow point of the DOT storm water ditch, NW 23rd Avenue, southern property area
SWU-2	Springstead Creek upstream from the drainage ditch intersection (800 feet downstream from outfall STM-1)
SWD-1	Springstead Creek downstream from the drainage ditch intersection (800 feet downstream from outfall STM-1)

See attached "Map of Discharge Location and Sampling Locations". At the two ambient sites, the permittee shall (a) calculate flow; (b) measure pH, turbidity, and dissolved oxygen, and (c) collect grab samples for analysis.

Ambient parameters include stream flow, pH, turbidity, DO, DO saturation, pentachlorophenol, hardness, TSS, iron, chromium trivalent, copper, arsenic, and polycyclic aromatic hydrocarbons.

The samples shall be collected on a quarterly basis and concurrently with the quarterly storm water samples listed in condition I.A.2. All samples shall be collected at mid-depth. The results shall be forwarded to the DEP on the DMR at the address specified in Specific Condition I.C.7&10.

Laboratory analytical reports for the monitoring event(s) shall be submitted to the Department. The Department will review the data in the context of the reopener clauses in Section VII.D of this permit.

Rule 62-302.530(52)(c)3 FAC, has Class III fresh water criteria for Pentachlorophenol (PCP) of less than or equal to 30 ug/L maximum, less than or equal to 8.2 ug/L annual average, and with value of pH at the sample, less than or equal to $e^{(1.005[pH] - 5.29)}$.

4. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

The current permit for this facility FLS711462-004-ISW expires on June 16, 2016. This permit renewal carries forward the AO to allow time to complete actions and the permit requires the same monitoring as before.

5. INDUSTRIAL SLUDGE MANAGEMENT REQUIREMENTS

There is no facility to generate sludge.

6. GROUND WATER MONITORING REQUIREMENTS

This section is not applicable to this facility. The on-going remediation and Superfund efforts are addressing groundwater monitoring.

7. PERMIT SCHEDULES

a. In accordance with sections 403.088(2)(e) and (f), Florida Statutes, a compliance schedule for this facility is contained in Administrative Order AO 146 NE which is hereby incorporated by reference.

b. A Best Management Practices (BMP) Plan shall be implemented in accordance with Part VIII.11 of the permit and the following schedule:

Action Item		Implementation Date
1	Continue Implementing Existing Best Management Plan (BMP).	Issuance Date of Permit

8. BEST MANAGEMENT PRACTICES/STORMWATER POLLUTION PREVENTION PLANS
A Best Management Plan (BMP) will be maintained, up to date and available on-site and is a part of the SWPPP, covering the following aspects:
    a. Inspection procedures for site areas including demolition areas
    b. Dust control
    c. Grass growth: planting, watering, sodding, seeding and mulching practices
    d. Root-rake/disc practices
    e. Berm maintenance with clean soils based on approved soil specifications
    f. Documention of inspections, inspection results, recommendations for improvements, corrective actions and outcome evaluations.

9. ADMINISTRATIVE ORDERS (AO) AND CONSENT ORDERS (CO)

This permit is accompanied by AO-AO 146 NE, effective with issuance, which includes a schedule of compliance. The AO is hereby incorporated by reference. To allow time for evaluation, management practices and discharge sample collection for stormwater discharges from the site.

c. The following improvement actions shall be completed according to the following schedule. The Stormwater Pollution Prevention Plan (SWPPP) shall be prepared and implemented in accordance with Part VII of this permit.

Improvement Action	Completion Date
1. Submit Annual SWPPP Summary (see VII.2.f)	Annually after issuance
2. Submit quarterly water quality and water quantity report for discharges and surface water site sampling. Include any ambient dust monitoring results.	Every quarter for the duration of this permit
3. Submit Progress/Update Reports concerning the interim storm water improvements, operation status and air monitoring and emission controls. Propose any needed corrective action recommendations for DEP review and approval.	Every quarter for the duration of this permit

d. An Administrative Order (AO 146 NE) is issued with this permit. The permittee shall achieve compliance with all other conditions of this permit.

e. No later than 14 calendar days following a date identified in the above schedule(s) of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by an identified date, a written notice of compliance or noncompliance. In the latter case,

the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

10. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

11. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 13. Copies will be provided at a minimal charge per page.

12. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Preliminary Permit to Applicant	February 14, 2016
Draft permit sent	February 25, 2016
Notice of Intent	March 28, 2016
Publication of Intent	April 17, 2016
Final Permit	May 2, 2016

13. DEP CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Jeff Martin, P.E.
Wastewater Permitting
Northeast District Office
8800 Baymeadows Way West
Suite 100
Jacksonville, FL 32256-7577
Telephone No.: 904-256-1700

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, Mail Station 3551, Bob Martinez Center, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PERMITTEE NAME: Beazer East, Inc.
MAILING ADDRESS: Manor Oak One, Suite 200
1910 Cochran Road
Pittsburgh, Pennsylvania 15220
FACILITY: Beazer East, Inc. – Gainesville
LOCATION: 200 NW 23rd Ave
Gainesville, FL 32609-3603
COUNTY: Alachua
OFFICE: Northeast District

PERMIT NUMBER: FLS711462-003
LIMIT: **Interim (AO-146 NE)**
CLASS SIZE:
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Stormwater outfall
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Quarterly
PROGRAM: Industrial

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. EFF-001	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated
Duration of Discharge	Sample Measurement										
PARM Code 81381 P Mon. Site No. CAL-1	Permit Requirement		Report (YTD Total)	day						Quarterly	Calculated
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFF-001	Permit Requirement				6.0 (Day.Min.)		8.5 (Day.Max.)	s.u.		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFF-001	Permit Requirement				Report (Day.Min.)			mg/L		Quarterly, when discharging	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 1 Mon. Site No. EFF-001	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	FPC
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 1 Mon. Site No. EFF-001	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	FPC
Copper, Total Recoverable (stormwater discharge sample)	Sample Measurement										
PARM Code 01119 1 Mon. Site No. EFF-001	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	FPC
Copper, Total Recoverable (calculated limit)	Sample Measurement										
PARM Code 01119 Q Mon. Site No. CAL-1	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	Calculated
Copper, Total Recoverable (stormwater discharge sample minus calculated limit)	Sample Measurement										
PARM Code 01119 R Mon. Site No. CAL-1	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	Calculated
Pentachlorophenol (stormwater discharge sample)	Sample Measurement										
PARM Code 39032 Y Mon. Site No. EFF-001	Permit Requirement					Report* (An.Avg.)		ug/L		Quarterly, when discharging	FPC
Pentachlorophenol (stormwater discharge sample)	Sample Measurement										
PARM Code 39032 1 Mon. Site No. EFF-001	Permit Requirement						Report* (Day.Max.)	ug/L		Quarterly, when discharging	FPC
pH (laboratory analysis of Pentachlorophenol sample)	Sample Measurement										
PARM Code 00400 Q Mon. Site No. EFF-001	Permit Requirement						Report* (Max.)	s.u.		Quarterly, when discharging	Grab

**Per AO 146NE*

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol (calculated limit)	Sample Measurement										
PARM Code 39032 R Mon. Site No. CAL-1	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	Calculated
Pentachlorophenol (stormwater discharge minus calculated limit)	Sample Measurement										
PARM Code 39032 S Mon. Site No. CAL-1	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	Calculated
Chromium, Trivalent Total Recoverable (stormwater discharge sample)	Sample Measurement										
PARM Code 04262 1 Mon. Site No. EFF-001	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	FPC
Chromium, Trivalent Total Recoverable (calculated limit)	Sample Measurement										
PARM Code 04262 Q Mon. Site No. CAL-1	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	Calculated
Chromium, Trivalent Total Recoverable (stormwater discharge sample minus calculated limit)	Sample Measurement										
PARM Code 04262 R Mon. Site No. CAL-1	Permit Requirement						Report* (Max.)	ug/L		Quarterly, when discharging	Calculated
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	Sample Measurement										
PARM Code 34675 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	pg/L		Quarterly, when discharging	FPC
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 Y Mon. Site No. EFF-001	Permit Requirement					Report* (An.Avg.)		ug/L		Quarterly, when discharging	FPC
Stream Flow	Sample Measurement										
PARM Code 00060 6 Mon. Site No. SWD-1	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated
Stream Flow	Sample Measurement										
PARM Code 00060 Q Mon. Site No. SWU-1	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated
Stream Flow	Sample Measurement										
PARM Code 00060 R Mon. Site No. SWU-2	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated

**Per AO 146NE*

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 T Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	s.u.		Quarterly, when discharging	Grab
pH	Sample Measurement										
PARM Code 00400 U Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	s.u.		Quarterly, when discharging	Grab
pH	Sample Measurement										
PARM Code 00400 V Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	s.u.		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Percent Saturation	Sample Measurement										
PARM Code 00301 6 Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	%		Quarterly, when discharging	Grab
Oxygen, Percent Saturation	Sample Measurement										
PARM Code 00301 P Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	%		Quarterly, when discharging	Grab
Oxygen, Percent Saturation	Sample Measurement										
PARM Code 00301 5 Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	%		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol	Sample Measurement										
PARM Code 39032 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Pentachlorophenol	Sample Measurement										
PARM Code 39032 T Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Pentachlorophenol	Sample Measurement										
PARM Code 39032 U Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 R Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 S Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 T Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Chromium, Trivalent Total Recoverable	Sample Measurement										
PARM Code 04262 S Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Chromium, Trivalent Total Recoverable	Sample Measurement										
PARM Code 04262 T Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Chromium, Trivalent Total Recoverable	Sample Measurement										
PARM Code 04262 U Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 S Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 T Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 U Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 6 Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 Q Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 R Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, Mail Station 3551, Bob Martinez Center, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400

PERMITTEE NAME: Beazer East, Inc.
MAILING ADDRESS: Manor Oak One, Suite 200
1910 Cochran Road
Pittsburgh, Pennsylvania 15220
FACILITY: Beazer East, Inc. – Gainesville
LOCATION: 200 NW 23rd Ave
Gainesville, FL 32609-3603
COUNTY: Alachua
OFFICE: Northeast District

PERMIT NUMBER: FLS711462-003
LIMIT: **Final**
CLASS SIZE:
MONITORING GROUP NUMBER: D-001
MONITORING GROUP DESCRIPTION: Stormwater outfall
RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Quarterly
PROGRAM: Industrial

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow	Sample Measurement										
PARM Code 50050 1 Mon. Site No. EFF-001	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated
Duration of Discharge	Sample Measurement										
PARM Code 81381 P Mon. Site No. CAL-1	Permit Requirement		Report (YTD Total)	day						Quarterly	Calculated
pH	Sample Measurement										
PARM Code 00400 1 Mon. Site No. EFF-001	Permit Requirement				6.0 (Day.Min.)		8.5 (Day.Max.)	s.u.		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 1 Mon. Site No. EFF-001	Permit Requirement				Report (Day.Min.)			mg/L		Quarterly, when discharging	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 1 Mon. Site No. EFF-001	Permit Requirement						1.0 (Max.)	ug/L		Quarterly, when discharging	FPC
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	FPC
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 1 Mon. Site No. EFF-001	Permit Requirement						50.0 (Max.)	ug/L		Quarterly, when discharging	FPC
Copper, Total Recoverable (stormwater discharge sample)	Sample Measurement										
PARM Code 01119 1 Mon. Site No. EFF-001	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	FPC
Copper, Total Recoverable (calculated limit)	Sample Measurement										
PARM Code 01119 Q Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	Calculated
Copper, Total Recoverable (stormwater discharge sample minus calculated limit)	Sample Measurement										
PARM Code 01119 R Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	Calculated
Pentachlorophenol (stormwater discharge sample)	Sample Measurement										
PARM Code 39032 Y Mon. Site No. EFF-001	Permit Requirement					8.20 (An.Avg.)		ug/L		Quarterly, when discharging	FPC
Pentachlorophenol (stormwater discharge sample)	Sample Measurement										
PARM Code 39032 1 Mon. Site No. EFF-001	Permit Requirement						30.0 (Day.Max.)	ug/L		Quarterly, when discharging	FPC
pH (laboratory analysis of Pentachlorophenol sample)	Sample Measurement										
PARM Code 00400 Q Mon. Site No. EFF-001	Permit Requirement						Report (Max.)	s.u.		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol (calculated limit)	Sample Measurement										
PARM Code 39032 R Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	Calculated
Pentachlorophenol (stormwater discharge minus calculated limit)	Sample Measurement										
PARM Code 39032 S Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	Calculated
Chromium, Trivalent Total Recoverable (stormwater discharge sample)	Sample Measurement										
PARM Code 04262 1 Mon. Site No. EFF-001	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	FPC
Chromium, Trivalent Total Recoverable (calculated limit)	Sample Measurement										
PARM Code 04262 Q Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	Calculated
Chromium, Trivalent Total Recoverable (stormwater discharge sample minus calculated limit)	Sample Measurement										
PARM Code 04262 R Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	ug/L		Quarterly, when discharging	Calculated
2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)	Sample Measurement										
PARM Code 34675 1 Mon. Site No. EFF-001	Permit Requirement						Report (Day.Max.)	pg/L		Quarterly, when discharging	FPC
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 Y Mon. Site No. EFF-001	Permit Requirement					0.031 (An.Avg.)		ug/L		Quarterly, when discharging	FPC
Stream Flow	Sample Measurement										
PARM Code 00060 6 Mon. Site No. SWD-1	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated
Stream Flow	Sample Measurement										
PARM Code 00060 Q Mon. Site No. SWU-1	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated
Stream Flow	Sample Measurement										
PARM Code 00060 R Mon. Site No. SWU-2	Permit Requirement		Report (Day.Max.)	MGD						Quarterly, when discharging	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 T Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	s.u.		Quarterly, when discharging	Grab
pH	Sample Measurement										
PARM Code 00400 U Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	s.u.		Quarterly, when discharging	Grab
pH	Sample Measurement										
PARM Code 00400 V Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	s.u.		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Turbidity	Sample Measurement										
PARM Code 00070 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	NTU		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Dissolved (DO)	Sample Measurement										
PARM Code 00300 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Oxygen, Percent Saturation	Sample Measurement										
PARM Code 00301 6 Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	%		Quarterly, when discharging	Grab
Oxygen, Percent Saturation	Sample Measurement										
PARM Code 00301 P Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	%		Quarterly, when discharging	Grab
Oxygen, Percent Saturation	Sample Measurement										
PARM Code 00301 5 Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	%		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Pentachlorophenol	Sample Measurement										
PARM Code 39032 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Pentachlorophenol	Sample Measurement										
PARM Code 39032 T Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Pentachlorophenol	Sample Measurement										
PARM Code 39032 U Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 R Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 S Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Hardness, Total (as CaCO3)	Sample Measurement										
PARM Code 00900 T Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly, when discharging	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Chromium, Trivalent Total Recoverable	Sample Measurement										
PARM Code 04262 S Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Chromium, Trivalent Total Recoverable	Sample Measurement										
PARM Code 04262 T Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Chromium, Trivalent Total Recoverable	Sample Measurement										
PARM Code 04262 U Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 S Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 T Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 U Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 Q Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 R Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Arsenic, Total Recoverable	Sample Measurement										
PARM Code 00978 S Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: Beazer East, Inc. – Gainesville MONITORING GROUP NUMBER: D-001 PERMIT NUMBER: FLS711462-003

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 6 Mon. Site No. SWD-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 Q Mon. Site No. SWU-1	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab
Polycyclic Aromatic Hydrocarbons, Total	Sample Measurement										
PARM Code 22456 R Mon. Site No. SWU-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly, when discharging	Grab

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.