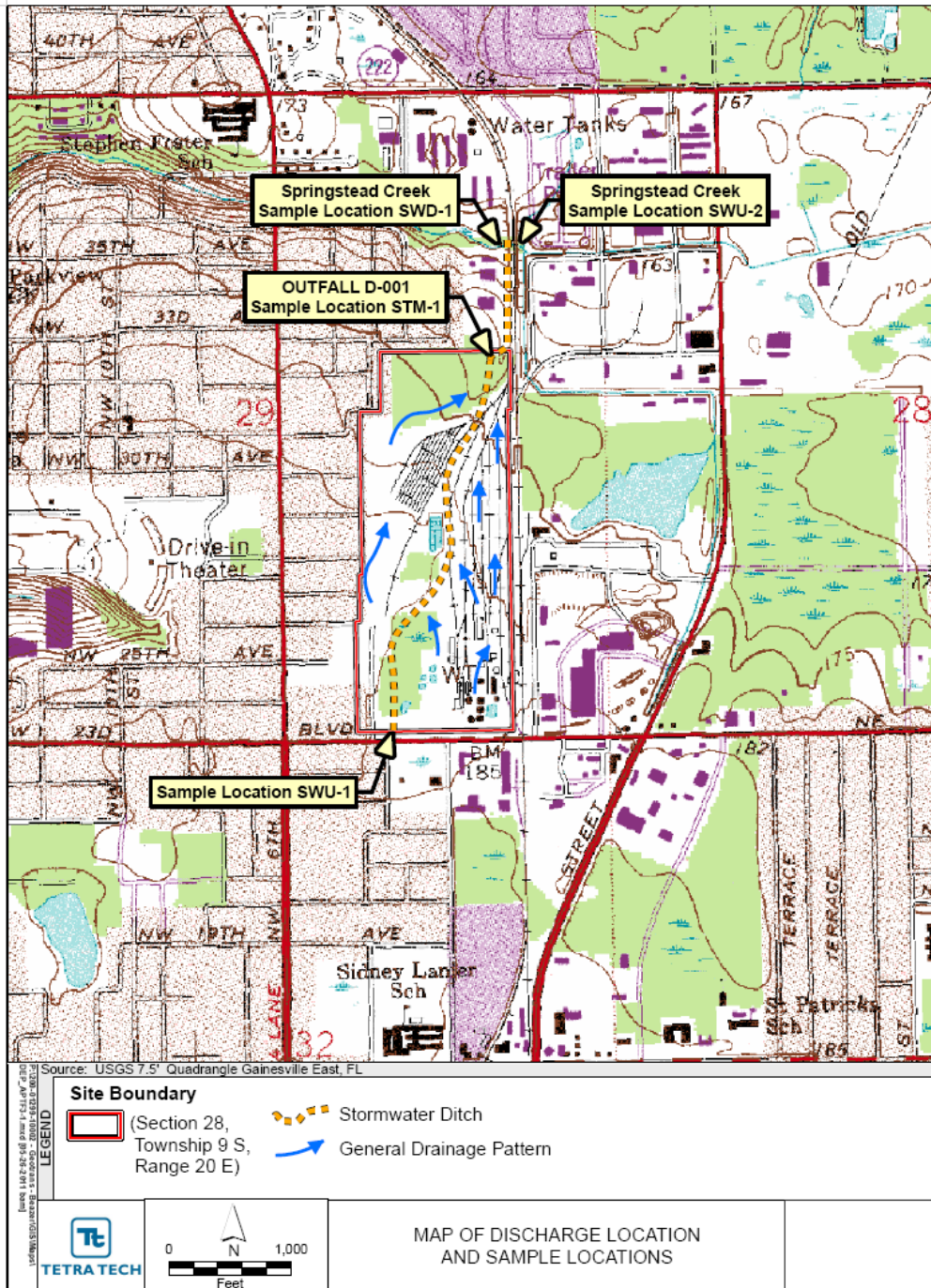


AMMENDMENT of FACT SHEET FOR STATE OF FLORIDA WASTEWATER FACILITY PERMIT

The public Notice of Intent to issue was published in the Gainesville Sun on June 1, 2011. No petitions were received according to DEP OGC.



Revised Ambient sampling map

Fact Sheet

Beazer East Inc. – Gainesville, FL
Application No.: FLS711462-002

AMMENDMENT of FACT SHEET FOR STATE OF FLORIDA WASTEWATER FACILITY PERMIT

Intent – May 2011

On March 14, 2011, at 6 pm, the public meeting was held at the Alachua County Public Health Department Auditorium, located in Gainesville, Florida. The meeting provided a PowerPoint presentation explaining to the public the DEP permitting process and gave specific details concerning the draft permit documents. In addition, this meeting provided the opportunity for the public to offer comments concerning the draft permit documents.

The draft permit was sent on February 2, the notice of draft including the notice of public meeting was published in the Gainesville sun on February 7. Sites visits have been conducted by DEP staff on November 17 and March 1. There have been three rain events at the site since November 2010, and one noted discharge event with a qualifying sampling occurred in January 2011. Samples were taken and analysis is underway, with the report due by April 28, for the first quarter of 2011.

There were ten people in attendance, plus five DEP staff from the NE district office. Verbal comments were received from 7 different people. Three people in attendance did not want to sign –in. The City of Gainesville and Alachua County EPD sent e-mails with comments and questions. A teleconference was held with the City and County staff to discuss their questions and comments. The e-mail comments and the meeting notes written are included with the permit file and are part of the administrative record.

A site visit by a local resident (Robert Peace) was conducted on March 25, with Beazer staff, their consultant from GeoTrans and staff from the City of Gainesville.

Based on the comments and questions received, the draft permit and draft AO were corrected for a couple of typographical errors. The draft Fact sheet has been revised to correct several typographical errors to the ACEPD monitoring table (Table 1) and to the DEP discharge required monitoring table (Table 4).

The Record of Decision (ROD) provides a selected remedial alternative for the Cabot Carbon/Koppers Superfund Site based on a detailed description and analysis of all alternatives. In the ROD, the Declaration section (front of the documents, no page numbers) indicates that a three part alternative will include the following major activities:

1. Soil excavation
2. Soil cover (containment/treatment barrier)
3. Paving
4. Lined pond
5. Storm water controls and improvements (both interim and final retention/detention ponds)
6. Other institutional controls and deed restrictions
7. Monitoring of ground water and storm water and assessment of effectiveness of site activities

Section 11.0 and the Table section of the ROD provide details concerning the selected alternatives; capital cost estimates, as well as the estimated time frame. The three part solution (selected alternatives) is described under Tables 9, 10 and 11 on pages 152 – 158:

- a. OnR-5H (Containment/treatment-barrier wall)
- b. UFA-2 (Monitored natural attenuation with hydraulic containment)
- c. OfR-4 (removal, institutional controls and/or engineering controls)

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The time line for the selected alternative is 18 months to design the needed systems, and 3 years for construction of all three alternatives. Therefore, it is appropriate to provide an AO with a 5 year time frame to coincide with the five year permit.

Toxicity testing: The drainage ditch on-site also receives flow from a State highway, so the outfall is a mix of storm water from the site as well as road way drainage. At this time, for the current interim conditions, no toxicity sampling would be appropriate. However, an acute WET test be conducted in the future, once the final storm water system has been designed, built and operating when the State highway run-off is no longer included in the site discharge and would be at the beginning of the next permit cycle.

EPA, Region IV, provided comments on April 8 and May 11, 2011. Responses were sent to EPA and they review the revised draft permit documents and an e-mail of no objection (concurrence) was received on May 16 from Alicia Thomas (404) 562-8059.

**FACT SHEET
FOR
STATE OF FLORIDA WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FLS711462-002 (Minor) – DRAFT- 6/17/2011
FACILITY NAME: Beazer East, Inc.- Gainesville, Florida
FACILITY LOCATION: 200 NW 23rd Avenue, Gainesville, FL 32609
Alachua County
NAME OF PERMITTEE: Beazer East, Inc.
PERMIT WRITER: Jeff Martin, P.E.
PERMIT REVIEWER: Jeff Martin, P.E, and D. Anh Vo, P.E.

1. SUMMARY OF APPLICATION

a. Chronology of Application

Application Number: FLS711462-002-ISW
Application Submittal Date: November 6, 2008

Public Notice of Application Date: N/A
Public Notice Dates:

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b. Type of Facility

Industrial Storm Water Facility

Ownership Type:

Private

SIC Code:

9995; 2491

c. Description of Facility

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. 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.

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 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

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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.

d. Description of Storm Water Treatment:

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

The CO, 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.

2. FACILITY PERFORMANCE - FILE REVIEW

a. Compliance History of the Facilities:

Initially the site had a MSGP permit, for the time period of 2001 through 2010. Based on the sample events of 2008 and 2009, it was determined that the location no longer qualified for the MSGP and the Permit was terminated on May 2010.

b. Effluent Characteristics: This facility previously had a MSGP NPDES storm water permit and reported results exceeded the screening levels that are required as part of that permit. The facility was required to submit an application for an individual NPDES storm water permit. The concentration of pollutants in the discharge will be reported in the discharge monitoring reports (DMR)

c. The Alachua County Environmental Protection Department (EPD) conducted a series of sample events for the discharge from the outfall location on the north side of the Beazer property as well for samples of the receiving water body. A total of five locations were samples and the event dates were in December 2009, March 2010 and August 2010. Copies of the Alachua County EPD reports dated December 1, 2009, June 18, 2010, and October 27, 2010 are available at this website: <https://govconnect.alachuacounty.us/sites/doc/epd/Cabot%20Koppers%20Documents/Forms/AllItems.aspx> . The Alachua County EPD reports provide details of sample locations, dates and times of samples and list the parameter samples results. Table 1 below, provides a summary of the sample locations, dates and parameters.

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Table 1 – Summary of Alachua County EPD Sample Events

Sampling Location Description	Sampling Parameter Coverage				
	12/4/2009	12/5/2009 Round 1	12/5/2009 Round 2	3/11/2010	8/26/10
Springstead Creek upstream of Koppers Ditch outfall	NS	Field Meas.*, Inorganic Indicators**, Metals***	Field Meas.*, Inorganic Indicators**, Metals***	NS	Field Meas., Flow, Inorganic Indicators, Metals, Dioxins
Koppers Ditch upstream of Springstead Creek	NS	Field Meas., Inorganic Indicators, Metals	Field Meas., Inorganic Indicators, Metals	NS	NS
Springstead Creek downstream of Koppers Ditch Outfall	NS	Field Meas., Inorganic Indicators, Metals	Field Meas., Inorganic Indicators, Metals	NS	Field Meas., Flow, Inorganic Indicators, Metals, Dioxins
Koppers Ditch outfall on City Public Works property	NS	Field Meas., Flow, Inorganic Indicators, Metals, VOCs****, SVOCs [#] , PCP ^{##} , Dioxins ^{###}	Field Meas., Flow, Inorganic Indicators, Metals, SVOCs, PCP	Field Meas., Flow, Inorganic Indicators, Metals, VOCs, SVOCs, PCP, Dioxins	Field Meas., Flow, Inorganic Indicators, Metals, Dioxins
Koppers Ditch upstream at NW 23 rd Ave	Field Meas., Flow, Inorganic Indicators, Metals, VOCs, SVOCs, PCP, Dioxins	Field Meas., Flow, Inorganic Indicators, Metals, SVOCs, PCP	NS	NS	NS
Field Blank	NS	Field Meas., Inorganic Indicators, Metals, VOCs, SVOCs, PCP, Dioxins	NS	NS	Field Meas., Inorganic Indicators, Metals, Dioxins

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Table 2 –Alachua County EPD (12/5/2009, 3/11/2010, 8/26/2010) – prior to site improvements

Cu ug/L	Hardness as CaCO3 mg/L	Cu calc
21	66	7 (exceeds)
29	67	8 (exceeds)
150	310	31 (exceeds)
Cr (total) ug/L	Hardness as CaCO3 mg/L	Cr (III) calc
20	66	140 (meets)
53	67	149 (meets)
210	310	524 (meets)
Ar ug/L	WQ Standard ug/L	Status
56	50	exceeds
71	50	exceeds
180	50	exceeds

Table 3 – Storm water Discharge Results submitted by Applicant

Parameter	Units	Reported Value	Statistical Basis
Oil and Grease	mg/L	ND (< 2.2)	Minimum Value
		N/A	Average Daily Value
BOD, Carbonaceous 5 day, 20C	mg/L	5.6	Minimum Daily Value
		N/A	Average Daily Value
Solids, Total Suspended	mg/L	26	Minimum Daily Value
		292	Average Daily Value
Chemical Oxygen Demand (COD)	Mg/L	97	Minimum Daily Value
		111	Average Daily Value
Total Kjeldahl Nitrogen (TKN)	mg/L	1.13	Minimum Daily Value
		1.59	Average Daily Value
Nitrate plus Nitrite – Nitrogen	mg/L	0.193	Minimum Daily Value
		0.239	Average Daily Value
Phosphorus (Total)	mg/L	0.787	Minimum Daily Value
		0.838	Average Daily Value
Arsenic	ug/L	56	Minimum Daily Value
		316	Average Daily Value
Copper	ug/L	21	Minimum Daily Value
		284	Average Daily Value
Chromium (Total)	ug/L	20	Minimum Daily Value
		401	Average Daily Value
Pentachlorophenol	ug/L	0.73	Minimum Daily Value
		N/A	Average Daily Value

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Parameter	Units	Reported Value	Statistical Basis
Anthracene	ug/L	1.1*	Minimum Daily Value
		N/A	Average Daily Value
Benzo(a)anthracene	ug/L	1.1*	Minimum Daily Value
		N/A	Average Daily Value
Benzo(a)pyrene	ug/L	1.2*	Minimum Daily Value
		N/A	Average Daily Value
Benzo(k)fluoranthene	ug/L	0.7*	Minimum Daily Value
		N/A	Average Daily Value
Chrysene	ug/L	1.7*	Minimum Daily Value
		N/A	Average Daily Value
Fluoranthene	ug/L	2.7*	Minimum Daily Value
		N/A	Average Daily Value
Phenanthrene	ug/L	0.7*	Minimum Daily Value
		N/A	Average Daily Value
Pyrene	ug/L	3.0*	Minimum Daily Value
		N/A	Average Daily Value

**Estimated concentration; detected below practical quantitation limit (PQL)*

N/A: Average not available: only one grab sample

ND: Not detected

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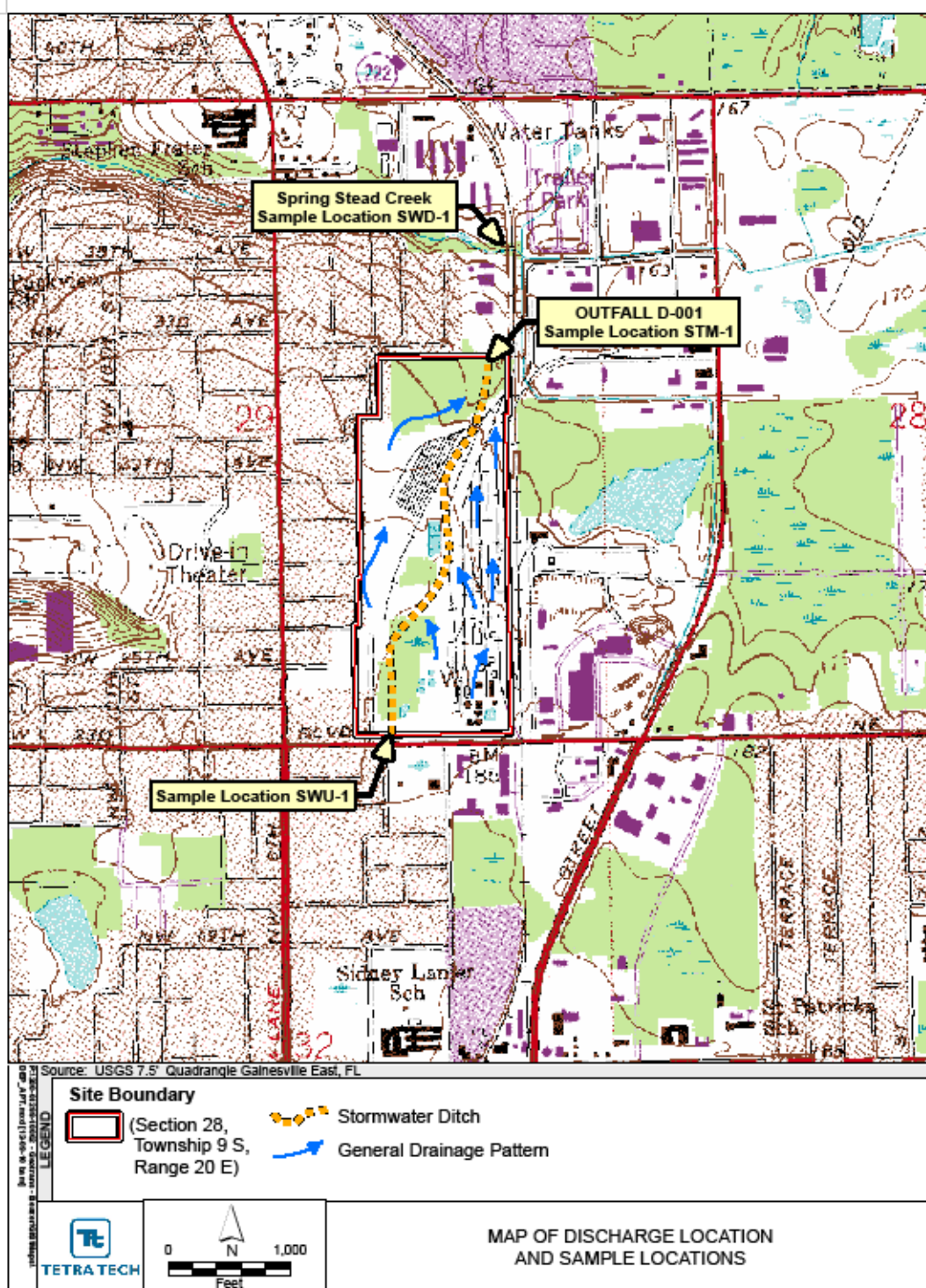


Figure 1 – Map of Discharge Location and Sampling Locations –REVISED see page 1

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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 23 rd 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 of the following parameters:

- PCP
- PAH
- Total recoverable copper
- Total Recoverable Iron
- Total Recoverable Arsenic
- Total suspended solids
- Hardness
- Trivalent Chromium
- Total Recoverable Chromium

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

d. Summary of Toxicity Testing Results:

None available.

2. RECEIVING WATER CHARACTERISTICS

a. Description of Receiving Water:

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

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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 (5/13/10)	DEP 303(d) List (5/19/09)	EPA 303(d) List (5/13/10)	DEP 303(d) List (5/19/09)	EPA 303(d) List (5/13/10)	DEP 303(d) List (5/19/09)
Impaired Parameters	Fecal colifom, total coliform, nutrients	n/a	Fecal Coliform, Total Coliform, nutrients, DO	n/a	n/a	n/a

4. BASIS FOR PERMIT LIMITATIONS AND MONITORING REQUIREMENTS

- a. This facility is authorized to discharge stormwater from the site through Outfall D-001 to a ditch that connects to Springstead Creek based on the following:

Table 4: Part I.A. Permit Limitations and Monitoring Requirements (D-001)					
Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Turbidity	NTU	Max	Report	Single Sample	Best Professional Judgment
Flow through D-001	MGD	Max	Report	Single Sample	Best Professional Judgment
			Report	Days of Discharge	Best Professional Judgment
pH	s.u.	Min	6.0	Single Sample Minimum	62-302.530(51) & 62-650 FAC

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Table 4: Part I.A. Permit Limitations and Monitoring Requirements (D-001)

Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
		Max	8.5	Single Sample Maximum	62-302.530(51) & 62-650 FAC
Dissolved oxygen	Mg/L	Min	Report	Single Sample Value	62-302.530(30) & 62-650 FAC
Turbidity	NTU	Max	Report	Single Sample Value	62-302.530(69) & 62-650 FAC
Total Suspended Solids	Mg/L	Max	Report	Single Sample Value	62-650 FAC
Pentachlorophenol (PCP)	ug/L	Max	Report Calculated Value *	Single Sample Max	62-302.530(52)(c)3 FAC
Total Polycyclic Aromatic Hydrocarbons (PAH)	ug/L	Max	0.031	Single Sample Max	62-302.530(56) FAC
Dioxin/Furans	pg/L	Max	Report	Single Sample Value	62-302.530(61) FAC
Chromium, Trivalent (calculated from Total Chromium)	ug/L	Max	Report Calculated Value *	Single Sample Value	62-302.530(19)a FAC
Chromium, Total Recoverable	ug/L	Max	Report	Single Sample Max	62-302.530(19)a FAC
Hardness, mg/L	as CaCO ₃	Max	Report	Single Sample Value	62-302.530(61) FAC
Days of Discharge	Days	Max	Report	Annual Total	62-302.530 FAC
Arsenic, Total	ug/L	Max	50	Single Sample Max	62-302.530(5)a, (5)b FAC
Iron, Total Recoverable	ug/L	Max	1000	Single Sample Max	62-302.530(38) FAC
Copper, Total Recoverable	ug/L	Max	Report Calculated Value *	Single Sample Max	62-302.530(23) FAC

* Calculated value in accordance with DEP Rule 62-302.530 FAC

b. Discussion of Part I.A. limitations:

- i) The limits in this permit are based in part on information received in the application, discharge monitoring reports, third year sampling inspection report, and 303(d) lists. The limits necessary to meet the rules and regulations of the State of Florida were determined and included in the permit
- ii) Monitoring frequencies and limitations were retained from the previous permit for conventional pollutant parameters (flow, hardness, turbidity, pH, dissolved oxygen, and days of discharge).

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iii) Parameters on the 303(d) List:

1. Dissolved oxygen and Fecal coliform: DO and fecal coliform are parameters listed on the EPA 303(d) List for WBID 2698. Based on the effluent monitoring data presented in Table 2, there is no evidence to show that the effluent is impacting the fecal coliform level or DO of the water body. Therefore, the facility is not required to monitor fecal coliform and DO at this time.
2. Total suspended solids: Total suspended solids (TSS) is not listed on the EPA 303(d) List for WBID 2698. The facility is required to monitor the TSS level in the discharge.
3. Turbidity: Turbidity is not one of the parameters listed on the EPA 303(d) List for WBID 2698. The facility is required to monitor the turbidity level in the discharge.
4. Arsenic: Arsenic is not listed on the FDEP 303(d) List for WBID 2698, but levels are elevated in the discharge and the AO includes a schedule to comply with the permit limit for arsenic and contains an interim reporting requirement.
5. Chromium trivalent and total: Chromium is not listed on the FDEP 303(d) List for WBID 2698, but levels are elevated in the discharge and the AO includes a schedule to comply with the permit limit for trivalent chromium and contains an interim reporting requirement.
6. Pentachlorophenol (PCP): PCP is not listed on the FDEP 303(d) List for WBID 2698, but levels will be monitored in the discharge and the AO includes a schedule to comply with the permit limit for PCP and contains an interim reporting requirement.
7. Copper: Copper is not listed on the FDEP 303(d) List for WBID 2698, but levels are elevated in the discharge and the AO includes a schedule to comply with the permit limit for copper and contains an interim reporting requirement.
8. Dioxin/Furans: Dioxin/Furans is not listed on the FDEP 303(d) List for WBID 2698, but levels will be monitored in the discharge and contains a reporting requirement.
9. Total Polycyclic Aromatic Hydrocarbons (PAH): Total Polycyclic Aromatic Hydrocarbons (PAH) is not listed on the FDEP 303(d) List for WBID 2698, but levels will be monitored in the discharge and the AO includes a schedule to comply with the permit limit for PAH and contains an interim reporting requirement.
10. Nutrients: The current site discharge is not anticipated to contain significant nutrients (TN or TP) components based on current site activity.

In conclusion: sample 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. Based on reported sample results, additional sampling, additional sample locations or additional sample parameters may be required. An Administrative Order is being issued in conjunction with the permit to allow time for the facility to comply with permit limits for copper, chromium, PAHs, and arsenic. An interim storm water control plan is being implemented, corrective measures evaluated and implemented as the final storm water control plan is being developed and reviewed. Considering the above, reasonable assurance of compliance has been provided with the effluent limits and applicable surface water quality standards for each parameter of concern with the AO.

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- c. Discussion of Part I.B. limitations:
 - i) Monitoring frequencies and limitations were Best Professional Judgment (BPJ) for pollutant parameters.
- d. Other limitations and monitoring requirements:

Table 5: Part I.C. - Other Permit Limitations and Monitoring Requirements					
Parameter	Units	Max/Min	Limit	Statistical Basis	Rationale
Monitoring Frequencies and Sample Types	-	-	-	All Parameters	62-620, 62-660 FAC and/or BPJ of permit writer
Sampling Locations	-	-	-	All Parameters	62-620, 62-660 FAC and/or BPJ of permit writer

5. DISCUSSION OF CHANGES TO PERMIT LIMITATIONS

n/a

6. INDSUTRIAL SLUDGE MANAGEMENT

No sludge is generated at this Site. Investigation and remediation wastes are managed in accordance with federal and state regulations pertaining to Superfund Sites

7. GROUND WATER MONITORING REQUIREMENTS

The ground water requirements including remediation will be addressed under the EPA Superfund process in accordance with state and federal rules and regulations.

8. 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

- 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

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Improvement Action	Completion Date
a. Submit Initial Storm Water Sampling Plan and Outfall Structure sampling SOP (composite & grab)	No later than Permit issuance
b. Complete development and implementation of updated SWPPP. Complete development and implementation of Storm Water Sampling Plan.	3 months after issuance
c. Submit Notice of Completion of Construction, Form 62-600.900(10) for all interim storm water improvements	3 month after issuance
d. Submit topographical survey for the site once interim improvements have been certified complete.	4 months after issuance
e. Complete SWPPP Summary (see VII.2.f)	Annually after issuance
f. Submit report on irrigation and on-site water reuse system. Water from the Site groundwater extraction and treatment system may be used for on-site irrigation and/or dust suppression provided that the permittee can demonstrate to FDEP that this water meets Florida Drinking Water Standards (62-550 FAC). Permittee may use treated or untreated water for irrigation and/or dust control only after FDEP approval of a permittee-submitted plan for water reuse that includes a source description, treatment details (if any), laboratory analyses of water quality, and a monitoring plan.	Every quarter for the duration of this permit
g. 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.
- f. 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

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- e. Berm maintenance with clean soils based on approved soil specifications
- f. Documentation of inspections, inspection results, recommendations for improvements, corrective actions and outcome evaluations.

9. INDUSTRIAL PRETREATMENT REQUIREMENTS

At this time, the facility is not required to develop an approved industrial pretreatment program. However, the Department reserves the right to require an approved program if future conditions warrant.

10. 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.

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

This permit is accompanied by AO 146 NE, effective (Issuance Date of the Permit) which includes a schedule of compliance. The AO is hereby incorporated by reference.

12. REQUESTED VARIANCES OR ALTERNATIVES TO REQUIRED STANDARDS

No variances were requested for this facility.

13. 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.

14. PROPOSED SCHEDULE FOR PERMIT ISSUANCE – tentative dates

Notice of Complete Application	September 30, 2010
Publish Notice of Complete Application	October 26, 2010
Send preliminary draft permit to applicant and EPA	November 5, 2010
Draft Permit and Public Notice to Applicant and EPA	February 2, 2011
Public Comment Period	Beginning: February 7, 2011 Ending: March 14, 2011
Public meeting	March 14, 2011 – <i>Alachua Dept of Health</i>
Proposed Permit to EPA	May 25, 2011
Notice of Intent to Issue	May 25, 2011
Publish Intent	May 31, 2011
Notice of Permit Issuance	June 17, 2011

Fact Sheet

Beazer East Inc. – Gainesville, FL

Application No.: FLS711462-002

15. 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.
Northeast District Office
7825 Baymeadows Way Suite B200
Jacksonville, FL 32256-7577
Telephone No.: (904) 256-1700