



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1

5 POST OFFICE SQUARE, SUITE 100
BOSTON, MA 02109-3912

Finalized Date: *Dated as shown on electronic signature*

Subj: Inspection Report
Clean Water Act - National Pollutant Discharge Elimination
System ("NPDES")
WuXi Biologics Construction

From: Andrew Spejewski, Inspector

Spejewski, Andrew

Digitally signed by Spejewski,

Andrew

Date: 2022.07.22 10:04:09 -04'00'

Thru: David Turin, Environmental Scientist

To: File

I. Facility Information

- A. *Facility Name:* WuXi Biologics Construction
- B. *Facility Location:* 305 Belmont St
Worcester, MA 01605
- C. *Facility Contacts:* Bob Kelly, The Cardinal Group
120 Presidential Way
Woburn, MA 01801
617-595-8946, bkelly@cardinalgroupusa.com
- D. *NPDES ID No(s):* MAR1002MZ

II. Background Information

- A. *Date(s) of inspection:* May 26, 2022
- B. *Weather Conditions:* Clear, Dry
- C. *US EPA Representative(s):*
Andrew Spejewski
- D. *State/Local Representative(s):* Eric Flint, City of Worcester Conservation Agent

E. Federally Enforceable Requirements Covered During the Inspection:
EPA construction stormwater general permit

F. Previous Enforcement Actions: No federal actions known

III. Type and Purpose of Inspection

Unannounced evaluation of compliance with EPA's construction stormwater general permit

IV. Facility Description

The site is a commercial building under construction that encompasses approximately 8 acres. The site is on the corner north of Belmont Street and west of Hospital Drive. The site slopes generally down toward the south, and down towards both the east and west sides. The west side discharges towards Belmont Street; according to Mr. Flint, the catchbasins in this area drain to the Worcester combined sewerage system (and thence to the municipal sewage treatment plan). The east side drains to Hospital Drive and Belmont Street; according to Mr. Flint, the catchbasins in this area are a separate storm sewer that drains to Lake Quinsigamond.

At the time of the inspection, construction was active. Nearly all of the site had been cleared and graded and the building foundation in the center of the site was partly complete.

Several construction office trailers are situated just north and uphill of the main site.

V. Inspection

Mr. Spejewski and Mr. Flint arrived at the site unannounced at about 12:15 PM. A site worker directed them to the construction office trailers at the north side of the site.

A. Opening Conference/ Records Review

At the trailers, they found Gerard Koferl, Superintendent for The Cardinal Group. Mr. Spejewski presented his credentials.

Mr. Koferl was able to show on a computer the SWPPP and copies of operator site inspection reports. At Mr. Spejewski's request, a copy of one inspection report was emailed to him that day (a copy is saved in the inspection file).

B. Facility Tour

The area around the trailers was fairly flat and either covered with grass or a wooden walkway. A short slope down from the trailer area to the main site was stabilized.

Along the north side of the main site was a line of stockpiles. The western ones were partially covered with clear plastic sheeting. They all appeared to have been recently worked.

The northern half of the west edge of the site was slightly below the surrounding terrain. The slope was protected with rip-rap where it was steep. Drainage running south along the border was protected generally with rip-rap; there were several storm drain inlets along the drainage that discharge to Worchester's Combined Sewerage System. Belmons Street, which receives discharge from the site, has storm drains; along the western half of the site they drain to the combined system, while those further east drain to Lake Quinsigamond.

The southern edge of the site had silt fence just inside a chain-link fence along Belmont Street. There was a five-yard wide area of recently disturbed bare dirt next to the fence; otherwise there was either rip-rap or a couple-yard wide strip of well-established grass immediately inside the fence. Along much of the western part of the south edge, newly graded dirt sloped steeply down to the grass. There was no sign of significant sediment deposits against the fence. This area sloped down to the southwest corner of the site.

According to Mr. Koferl, an underground infiltration chamber had been completed in this area, but was not yet connected.

To the east, the site sloped down to the southeast corner. Belmont street was at or above the level of the site. An informal basin with rip-rap sides was located partly down the slope. Drainage ran down the slope to the east, through rip-rap/gravel, over a section of pre-existing pavement, and to a shallow informal basin in the southeast corner. The basin had silt fence along its outside border.

Along the east side of the site, the southern half was sloped down to the east. A section had fiber netting with new grass growing through; the rest was covered by well-established grass. A catchbasin inlet at the foot of this slope was surrounded by silt fence; the surrounding area was established grass.

Farther north, a large temporary detention basin was in place. A portable pump was next to the basin, with hoses leading to the southeast basin.

The active site entrance was in the northeast corner. The entrance had a gravel and stone base. A truck was parked near the exit (facing out) and a worker was hosing it off. Mr. Koferl said trucks were washed off before leaving. The wash area drained to the temporary basin.

D. Closing Conference

Mr. Spejewski and Mr. Fox thanked Mr. Koferl for his time and left the site.

Picture List:

IMG_2641.JPG	Facing west along north side of stockpiles north side of site
IMG_2642.JPG	Facing west over northwest corner of site
IMG_2643.JPG	Facing south from northwest corner of the site
IMG_2644.JPG	Center of west edge of site
IMG_2645.JPG	Facing south edge of site, near western end
IMG_2646.JPG	Facing east along south edge of site, from near west end
IMG_2647.JPG	Concrete waste, center of south part
IMG_2648.JPG	Facing east over temp basin, center of south edge
IMG_2649.JPG	Facing east to southeast corner
IMG_2650.JPG	Drainage to southeast corner
IMG_2651.JPG	Slope at east end of site
IMG_2652.JPG	Inlet near center of east edge
IMG_2653.JPG	Facing south and east to southeast corner
IMG_2654.JPG	Entrance center of east edge
IMG_2655.JPG	Temporary basin, north-center of east side of site
IMG_2656.JPG	Facing northeast over temp basin to northeast corner
IMG_2657.JPG	Facing west over temp basin
IMG_2658.JPG	Filter system at temp basin west end of site
IMG_2659.JPG	Truck at truckwash area northeast entrance
IMG_2660.JPG	Detail at northeast entrance
IMG_2661.JPG	Facing west along stockpile near north of site

** END **

Mr. Spejewski and Mr. Flint departed at approximately 1:00 PM

Unless otherwise noted, this report describes conditions at the facility/property as observed by EPA inspector(s), and/or through records provided to and/or information reported to EPA inspector(s) by facility representatives and as understood by the inspector(s). This report may not capture all operations or activities ongoing at the time of the inspection. This report does not make final determinations on potential areas of concern. Nothing in this report affects EPA's authorities under federal statutes and regulations to pursue further investigation or action.