

ENVIRONMENTAL INSPECTION REPORT

MIDDLETOWN – NORWALK 345-KV PROJECT: UI Portion – Town of Stratford, City of Bridgeport



Connecticut Siting Council Docket No. 272

Date: October 13 and 19, 2006 **Weather Conditions:** Sunny (October 13)
Inspector: Louise Mango Scattered clouds (October 19, after rain Oct. 18)
(0.33" rain reported in Bridgeport on 10/18/06)

CONSTRUCTION ACTIVITY / LOCATION	FIELD OBSERVATIONS (PHOTO REF. NO.)	RECOMMENDATIONS	CORRECTIVE ACTIONS
Singer Substation – October 13	Contractor mobilizing equipment to the site and preparing temporary soil stockpile areas. No earth-moving activities performed. Gravel anti-tracking pads installed at site entrances off Henry and Atlantic streets. Contractor and UI trailers / parking areas established. (Photo 10-13-1)	N/A	N/A
	Silt fence was installed around entire substation site, inside the existing chain link fence. This fence was installed prior to contractor mobilization, in conjunction with the erection of the chain link fence. In some areas, silt fence had fallen down or had holes. (Photos 10-13-2 through 4)	Replace or supplement silt fence as needed to maintain an effective erosion / sedimentation barrier	Informed UI (R. Pinto, C. Maresca) of need to replace silt fence. UI advised that the fence would be repaired or replaced as soon as possible.
Singer Substation – October 19	Silt fence around site repaired or supplemented with a second row of silt fence in certain areas. No areas of erosion / sedimentation observed, although there was standing water evident on-site from the previous days' rain.	None	N/A
	Site cleared of vegetation during soil stripping.	None	N/A
	Excavation at substation building area ongoing. Urban rubble in excavated soil will be disposed of off site.	None	N/A
	Temporary Soil Stockpile Areas (SSAs) contained within Jersey barriers ; includes top soil layers stripped from site, as well as soil from substation footprint excavation. Soil placed on plastic. Temporary soil stockpile areas not involved in ongoing excavation protected with plastic sheeting.	None	N/A
	10 55-gallon drums filled with soil excavated from small area of site where lead contamination was detected during sampling. Drums placed within Jersey barrier containment area until manifested/transported off site for ultimate disposal.		

ADDITIONAL COMMENTS:

October 13 site visit consisted of attendance at a pre-job meeting, as well as the review of activities being performed in preparation for the start of construction. Attendees at the pre-job meeting included representatives of UI and its engineering /environmental consultants (Black & Veatch, BL Companies), as well as substation contractors McPhee and Manafort.

Also conducted a tour of locations where 115-kV cable will enter UI's existing Pequonnock Substation and the Bridgeport Energy Switchyard.

ENVIRONMENTAL ISSUES PENDING:

The 10 55-gallon drums of soils contaminated with lead (and considered hazardous) will be manifested and transported off-site for appropriate disposal upon completion of analytical testing to confirm the soil contaminant levels.

OVERVIEW OF UPCOMING CONSTRUCTION ACTIVITIES:

Excavation for the substation building will continue.

Removal of stockpiled soil. The week of October 23, spoil temporarily stockpiled on-site and unsuitable for use in the substation construction will be transported off-site for ultimate disposal. Current plans call for transport to Phoenix in Waterbury, CT. Soil disposal will proceed at a rate of an estimated 300 tons of soil per day (about 20 truck loads), all next week.

Suitable soil will likely have to be imported to achieve desired grades.

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my own inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate, and complete to the best of my knowledge and belief. I understand that any false statements made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6, pursuant to Section 53a-157b of the Connecticut General Statutes.

Inspector's Signature / Date: *Louise Mango, October 19, 2006*



Photo 10-13-1: Singer Substation, view to north, anti-tracking pad, jersey barriers, and drums in preparation for commencement of site work.



Photo 10-13-2: Singer Substation, view of silt fence in need of repair, northwest corner of site



Photo 10-13-3: Singer Substation, view to east from Main Street. Silt fence in need of repair.



Photo 10-13-4: Singer Substation, view of site from northwest corner, silt fence in need of repair.



Photo 10-19-1: Singer Substation, building excavation. Silt fence on northwest corner of site repaired.



Photo 10-19-2: Singer Substation, excavation for substation building.



Photo 10-19-3: Singer Substation, excavated soil placed in temporary on-site Spoil Storage Area.



Photo 10-19-4: Singer Substation, containment area for temporary storage of excavated soils (10 55-gallon drums) containing lead.