



Illinois Department of Transportation

Memorandum

To: Kevin Marcheck Attn: Masood Ahmad
From: Maureen M. Addis By: Scott E. Stitt
Subject: Final Preliminary Site Investigation Report
Date: March 17, 2017 *Maureen Addis*

Refer to:

IDOT Job No.: P-93-032-01	PTB: 172-027 / Ecology8
District: 2	Work Order No.: 046
County: Rock Island, IL & Scott, IA	BDE Sequence No.: 9724A
Municipality: Moline, IL, Bettendorf, IA and Davenport, IA	Requesting Agency: DOH
Route: FAI 74	Contract No.: 64E26
Marked: I-74	Section No.: 81B
Street: not listed	ISGS PESA No.: 1314V3
From To/At: 23 rd Avenue in Moline, IL to 53 rd St. in Bettendorf, IA	Anticipated Letting Date: June 16, 2017
	Target PSI Completion: February 24, 2017

The completed Preliminary Site Investigation Report submitted March 15, 2017 by Ecology and Environment, Inc. and the Special Provision are available for the above referenced project. The documents can be downloaded from the Illinois Site Assessment Tracking System (ISATS) extranet site for your use and distribution, as required.

Based on the recommendations of the PSI report, if the District wants to pursue construction in the area of soil contamination, then the Contractor shall be responsible for hiring an Environmental Firm with at least five (5) documented leaking underground storage tanks (LUST) cleanups or that is pre-qualified in hazardous waste by the Department to remediate the soil contamination and monitor for worker protection.

An estimated quantity of potentially impacted soil has been included in the PSI report. The impacted soil would be classified as a non-special waste. The estimated cost associated with contaminated soil is \$1,621,000 at IDOT ROW (PESA Site 1314V3-1). The estimated cost associated with contaminated soil is \$58,000 at Scottish Rite Masonic Center (PESA Site 1314V3-66). The estimated cost associated with contaminated soil is \$251,000 at Vacant Land (PESA Site 1314V3-67). The estimated cost associated with contaminated soil is \$14,500 at Residence 1 (PESA Site 1314V3-74). The estimated cost associated with contaminated soil is \$14,750 at Residence 2 (PESA Site 1314V3-75). All utility companies relocating within the following areas should be notified of the potential soil contamination and the attached special provision shall be included in the contract plans.

Site 1314V3-1 – IDOT ROW

- Station 277+30 to Station 278+40 (I-74 WB), 0 to 145' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 278+40 to Station 279+00 (I-74 WB), 0 to 145' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH and manganese.
- Station 279+00 to Station 280+50 (I-74 WB), 0 to 145' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: iron and manganese.
- Station 280+50 to Station 282+00 (I-74 WB), 0 to 145' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 287+30 to Station 289+25 (I-74 WB), 25' to 140' (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 50+05 to Station 52+25 (19th Street), 0 to 100' RT and 0 to 100' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 291+40 to Station 293+60 (I-74 WB), 20' to 130' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 277+30 to Station 280+15, (I-74 EB), 0 to 125' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 281+50 to Station 282+95 (I-74 EB), 0 to 130' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.

- Station 284+40 to Station 286+00 (I-74 EB), 0 to 120' RT, 0 to 140' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(3) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)pyrene and manganese.
- Station 286+00 to Station 287+30 (I-74 EB), 0 to 120' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, carbazole, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, manganese, VOCs, pH.
- Station 48+50 to Station 50+05 (19th Street), 0 to 75' RT and 0 to 125' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH and manganese.
- Station 289+80 to Station 291+40 (I-74 EB), 0 to 85' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH and manganese.
- Station 291+40 to Station 292+85 (I-74 EB), 0 to 90' RT and 0 to 30' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH and manganese.
- Station 292+85 to Station 293+95 (I-74 EB) 0 to 130' RT and 0 to 30' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 42+00 to Station 43+35 (19th Street), 0 to 75' RT and 0 to 35' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 43+35 to Station 45+05 (19th Street), 0 to 75' RT and 0 to 35' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, benzo(a)pyrene.
- Station 45+05 to Station 47+65 (19th Street), 0 to 100' RT and 0 to 60' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.

- Station 87+30 to Station 89+40 (Ramp 7th-B), 0 to 85' RT and 0 to 50' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 89+40 to Station 92+90 (Ramp 7th-B), 0 to 45' RT and 0 to 75' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 55+50 to Station 56+50 (19th Street), 0 to 45' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH and manganese.
- Station 311+00 to Station 312+75 (I-74 EB), 0 to 125' RT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1960+85 to Station 1962+60 (Coaltown Road), 0 to 35' RT and 0 to 35' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1962+60 to Station 1964+70 (Coaltown Road), 0 to 35' RT and 0 to 35' LT, (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.
- Station 1964+70 to Station 1966+65 (Coaltown Road), 0 to 35' RT and 0 to 35' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and pH.
- Station 1966+65 to Station 1968+20 (Coaltown Road), 0 to 35' RT and 0 to 35' LT (ROW, PESA Site 1314V3-1, mile markers 0 to 2.5, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.

Site 1314V3-66 – Scottish Right Masonic Center

- Station 39+05 to Station 40+35 (19th Street), 0 to 95' RT and 0 to 15' LT (Scottish Rite Masonic Center, PESA Site 1314V3-66, 1800 7th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.

Site 1314V3-67 – Vacant Land

- Station 77+50 to Station 79+10 (Ramp 7th-B), 0 to 75' RT (Vacant land, PESA Site 1314V3-67, 700 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 80+25 to Station 81+60 (Ramp 7th-B), 0 to 65' RT (Vacant land, PESA Site 1314V3-67, 700 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 81+60 to Station 82+95 (Ramp 7th-B), 0 to 60' RT (Vacant land, PESA Site 1314V3-67, 700 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: lead and manganese.
- Station 82+95 to Station 84 +70 (Ramp 7th-B), 0 to 60' RT (Vacant land, PESA Site 1314V3-67, 700 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.
- Station 42+05 to Station 43+40 (19th Street), 35' to 100' LT (Vacant land, PESA Site 1314V3-67, 700 block of 19th Street, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameter: manganese.

Site 1314V3-74 – Residence

- Station 54+40 to Station 55+50 (19th Street), 0 to 70' LT (Residence, PESA Site 1314V3-74, 1904 11th Avenue, Moline): This material meets the criteria of Article 669.09(a)(2) and shall be managed in accordance with Article 669.09. COC sampling parameters: manganese.

Site 1314V3-75 – Residence

- Station 1100+75 to Station 1101+45 (11th Street), 0 to 30' RT (Residence, PESA Site 1314V3-75, 1906 11th Avenue, Moline): This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance with Article 669.09. COC sampling parameters: pH, lead, manganese.

Any waste generated as a special waste, or a waste not certified as a non-special waste from this project, should be manifested off-site using the generator number associated with Rock Island and Scott Counties. **The generator number for Rock Island County is 1618995006. The generator number for Scott County is 1718995001.**

The pay item in the Special Provision should be included in the contract plans with the following quantities.

Pay Item Number	Pay Item	Quantity
66900200	NON-SPECIAL WASTE DISPOSAL	31,000 cubic yards
66900450	SPECIAL WASTE PLANS AND REPORTS	Lump Sum
66900530	SOIL DISPOSAL ANALYSIS	5 Each

It is the opinion of this office in consultation with Chief Council, that the remedial work be documented for potential illegal trespass action. If you have any questions or comments, please contact Jim Curtis at 217-558-4653.

Attachment

JRC:del

Cc: Ecology and Environment, Inc. (w/o attachments)
Central Land Acquisition (w/o attachments)
District Utilities Coordinator (w/o attachments)
District Land Acquisition (w/o attachments)
Heath Jordan, District 2 (via email, w/attachments)
Mark Nardini, District 2 (via email, w/attachments)