

RECEIVED
Georgia EPD

NOV 10 2015



1050 Crown Pointe Parkway
Suite 550
Atlanta, Georgia 30338

(404) 315-9113 Telephone
(404) 315-8509 Fax

Response and Remediation Program

Kirk J. Kessler, P.G.
Principal

(678) 336-8544 Direct Line
kkessler@envplanning.com

November 9, 2015

Derrick Williams
Program Manager
Response and Remediation Program
Georgia Department of Natural Resources
2 Martin Luther King, Jr. Dr., S.E.
Suite 1054 East
Atlanta, Georgia 30334

Re: Ninth Semi-Annual Progress Report
Drexel Chemical Company; HSI Site No. 10228
120 Cape Road, Cordele, Georgia

Dear Mr. Williams,

This letter report is to serve as the Ninth Semi-Annual Progress Report for the Drexel Chemical Company facility. During the current reporting period we have begun Phase 2 of the remediation plan. Phase 2 of the remediation plan includes excavation of soil on both Drexel and CSX property along either side of an active rail line (see Figure 1). Some excavation of soil has been required in order to facilitate the installation of the shoring along the rail line. Thus, soil excavation has been conducted concurrently with installation of shoring, as appropriate based on the level of shoring installed.

1. Preparatory work began the week of August 28, 2015. This included surveying the excavation areas, clearing and grubbing, demolition of concrete, removal of the rail spur for the facility, installation of erosion control and installation of an access road to access the remediation area on the north side of the active rail line.
2. Excavation of the eastern swale (Area 1) began on September 16, 2015 and was completed by September 21, 2015 (see Photo 1 on the attached Photo Log). The average depth of excavation was 3.5 feet instead of the planned 2 feet due to wet soil conditions and the need to dig to more dense underlying soil to maintain equipment traffic. This area was backfilled and compacted on September 22-23 (see Photo 2).
3. Shoring along the rail line began on September 21. The installation of shoring is on-going. Piles have been installed six feet apart on both sides of the rail line (Photo 3 and 4). Lagging has been installed to a depth of 6 feet south of the rail line and from 5 to 15 feet north of the rail line. Tie backs have been installed at

Environmental Planning Specialists, Inc. • www.envplanning.com



the appropriate depths (Photo 5). Ongoing activities include installing the lagging to the design depth of 15 feet on both sides (Photo 6).

4. Shoring of the northeast corner of the middle warehouse on-site was installed the week of October 19 (Photo 7).
5. As a part of the excavations to facilitate shoring, Areas 4 and 9 were completed and Areas 3 and 8 have been excavated to a depth of at least 7 ft.
6. The excavation of Area 2 to 5 ft was finished by October 15 (Photo 8) and backfilling of approximately 90% the area was finished by October 20 (Photo 9). The part not backfilled is still open for installation of shoring.
7. Area 5 was excavated to 2 ft on October 9 (Photo 10).
8. Excavation of Area 6 and the slope area to the east of Area 6 began on October 26 (Photo 11).

In summary, approximately 80% of the soil excavation work is complete (see Figure 2). The Phase 2 project as a whole is approximately 50% complete. We anticipate Phase 2 being completed this year. Phase 3 (groundwater pump and treat) will begin once Phase 2 is finished. A summary of my hours spent on this project since April is attached. Please let me know if you have any questions or comments.

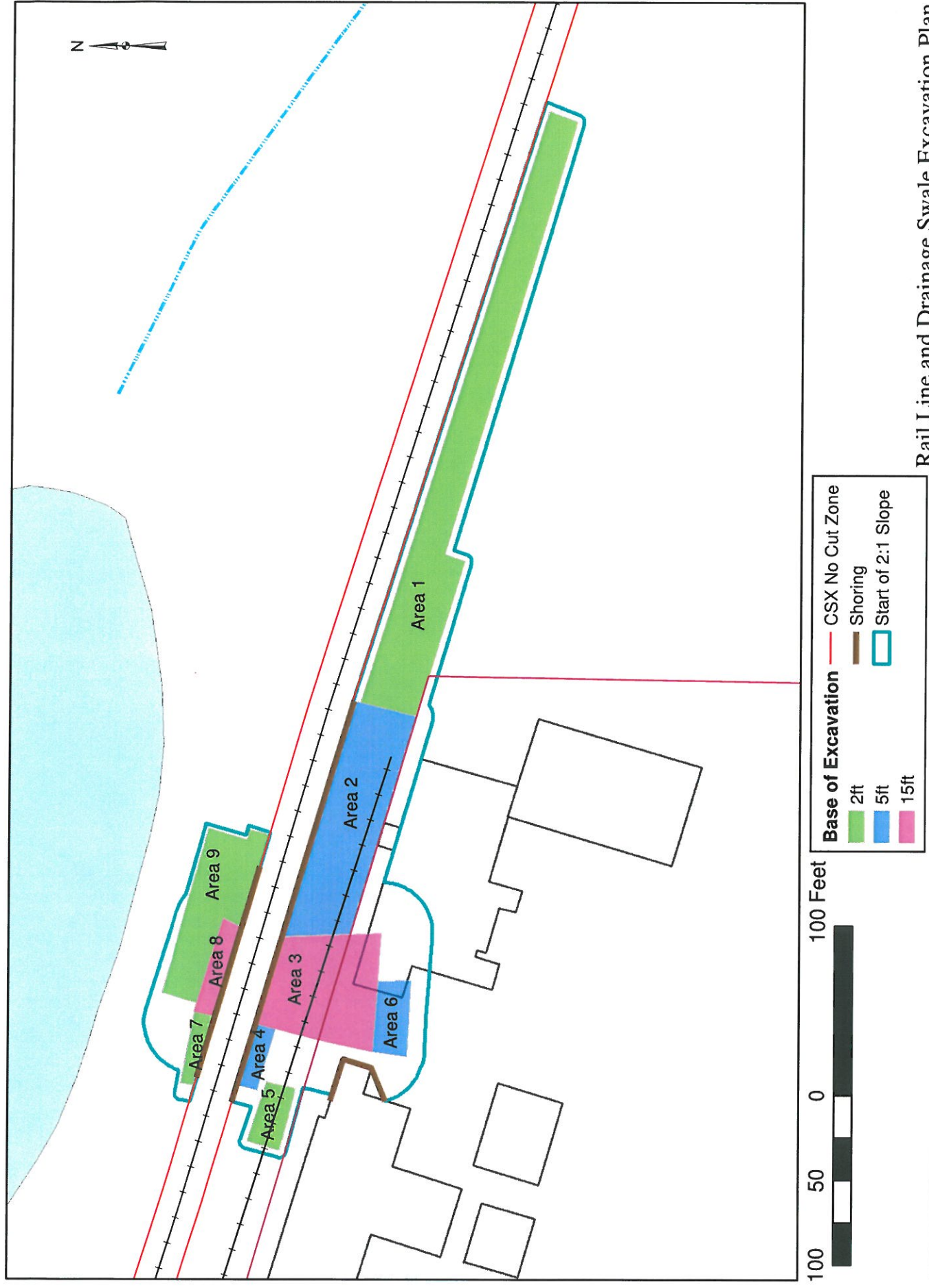
Sincerely,

A handwritten signature in blue ink, reading "Kirk Kessler", is positioned below the "Sincerely," text.

Kirk J. Kessler, P.G.
Principal

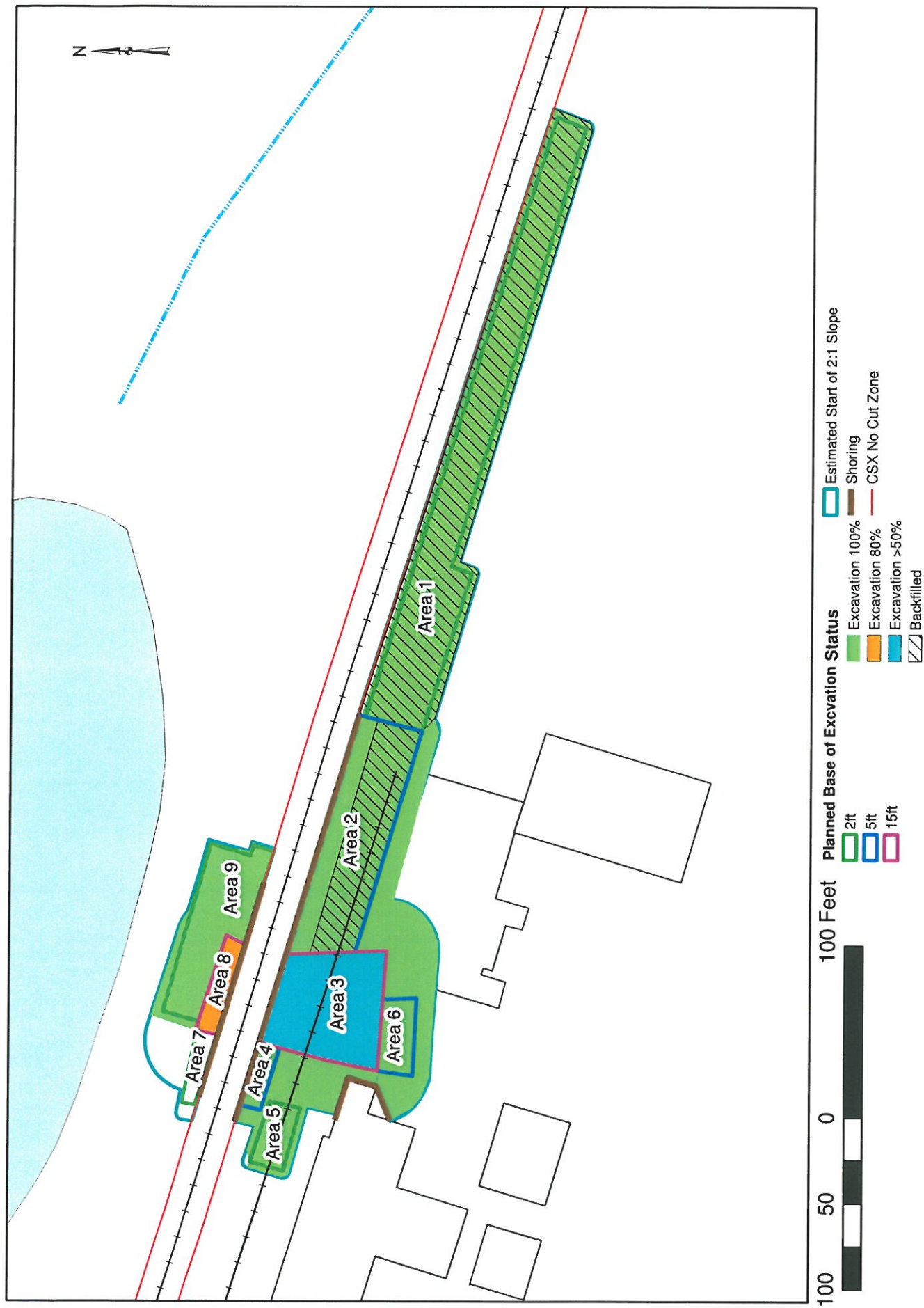
Cc: Mike Shankle, Drexel

Attachments: Figures
Photo Log
Summary of Hours



Rail Line and Drainage Swale Excavation Plan

Figure No.1



Status Oct 30, 2015

Figure No. 2

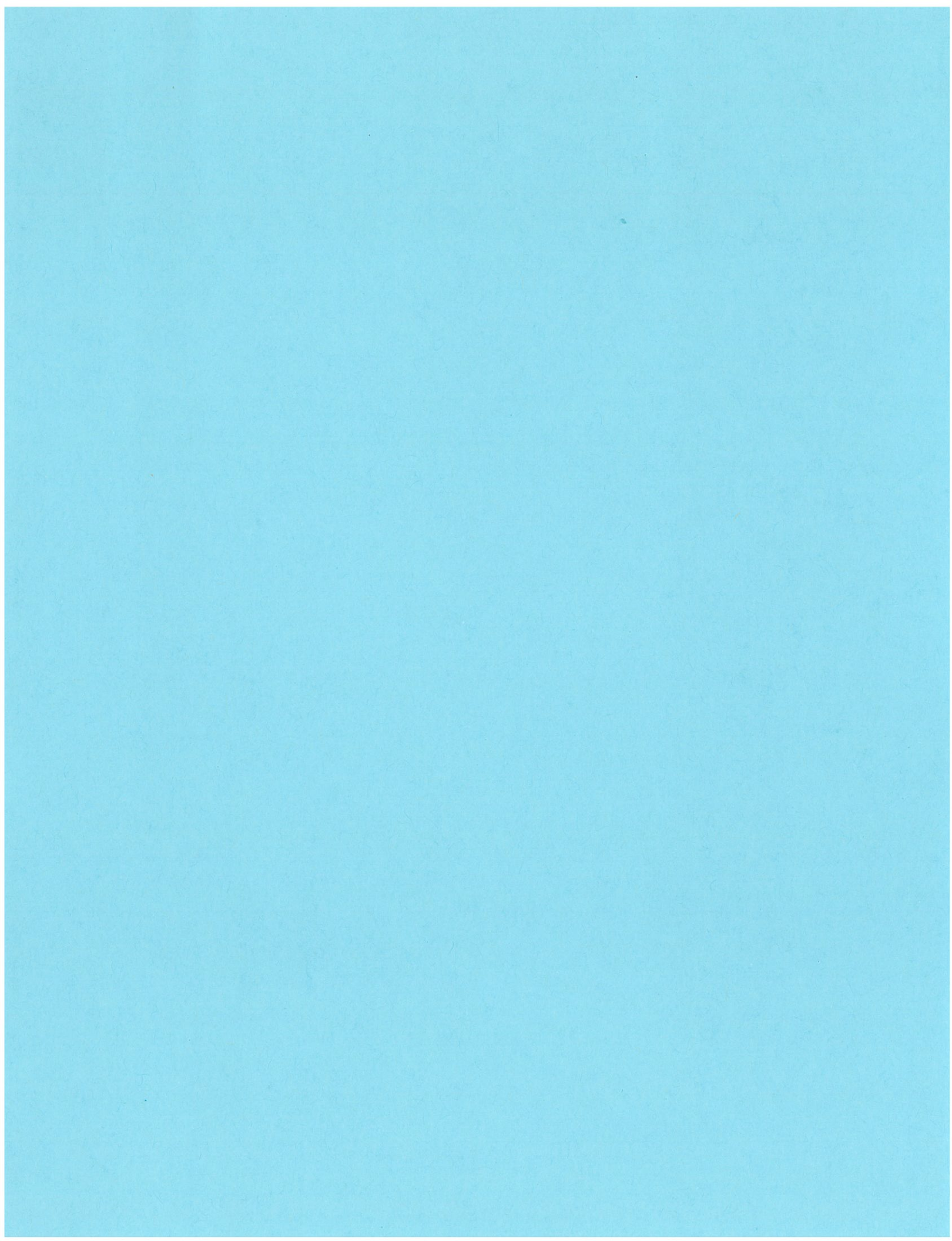




Photo 1

Area 1 excavation completed - facing east



Photo 2

Backfilling and compacting of Area 1 - facing east



Photo 3

Installing a pile



Photo 4

Installed piles on the north side of tracks



Photo 5

Channel beam and rod installation



Photo 6

Shoring installed north of rail line as of Oct 29 - facing west



Photo 7

Start of shoring installation at the middle warehouse



Photo 8

Completed excavation of Area 2



Photo 9

Area 2 during backfilling and compaction



Photo 10

Area 5 after excavation - facing southwest



Photo 11

Excavation of Area 6 and Slope Area

12:17 PM

11/04/15

Environmental Planning Specialists, Inc.

Kirk Kessler - PG Hours

May 1, 2015 through October 31, 2015

	May 15	Jun 15	Jul 15	Aug 15	Sep 15	Oct 15	TOTAL
Drexel:Project Management							
SP-Senior Principal:SP-Project Support	0.00	1.00	1.00	1.00	0.00	0.00	3.00
Total Drexel:Project Management	0.00	1.00	1.00	1.00	0.00	0.00	3.00
Drexel:Remediation							
SP-Senior Principal:SP-Project Support	0.00	0.00	1.00	0.00	3.00	1.00	5.00
SP-Senior Principal:SP-Site Visit	0.00	0.00	0.00	0.00	0.00	12.00	12.00
Total Drexel:Remediation	0.00	0.00	1.00	0.00	3.00	13.00	17.00
Drexel:Remediation Bid Package							
SP-Senior Principal:SP-Project Support	10.50	5.00	0.00	0.00	0.00	0.00	15.50
Total Drexel:Remediation Bid Package	10.50	5.00	0.00	0.00	0.00	0.00	15.50
TOTAL	10.50	6.00	2.00	1.00	3.00	13.00	35.50