

**FIRST PROGRESS REPORT
NORFOLK SOUTHERN RAILWAY COMPANY
OLD ATHENS TURNPIKE LEAD SITE
OLD ATHENS ROAD
PRINCETON, WEST VIRGINIA
NSRC FILE NO. SA08-253-001**

August 6, 2009

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1.0 INTRODUCTION

This Progress Report was prepared on behalf of Norfolk Southern Railway Company (NSRC) by Marshall Miller & Associates (MM&A). The Progress Report describes response actions in accordance with Section 8.7 of the Administrative Settlement and Order on Consent for Removal Response Action, hereafter referred to as the Settlement Agreement (SA), between the United States Environmental Protection Agency (USEPA) and NSRC. The effective date of the SA was July 2, 2009. Response actions are being performed in the Old Athens Turnpike right-of-way in accordance with the Response Action Plan (RAP) submitted to USEPA on July 6, 2009, as amended on July 16, 2009. NSRC received USEPA's July 29, 2009 approval of the RAP, as well as notification of access to the portion of the Site not owned by NSRC, on July 31, 2009. In accordance with the SA, NSRC commenced on-site implementation of the RAP on August 5, 2009, within seven business days of receipt of the RAP approval and access notification. This Progress Report provides information on activities undertaken during the first seven (7) days since receipt of the RAP approval and access notification.

The Old Athens Turnpike right-of-way (hereafter referred to as the R-O-W) is located in Princeton, Mercer County, West Virginia. The approximate location of the R-O-W is depicted on the Princeton and Athens, West Virginia Quadrangle map, United States Geological Survey (USGS) 7.5-minute series topographic map (**Map 1 in Appendix A**). For purposes of the RAP, the Site consists of (1) a portion of the R-O-W (approximately 50 feet wide by 300 feet long) adjacent to the former salvage facility (referred to herein as the S.S. Belcher property) that was operated by S.S. Belcher & Company (S.S. Belcher) on NSRC property, and (2) a small overwash area (approximately 30 feet wide by 50 feet long) located on NSRC's property formerly leased to S.S. Belcher. **Map 2 in Appendix A** depicts the Site for purposes of the work to be performed. NSRC owns Parcel Number 9 in Princeton, Mercer County, West Virginia, which extends southwestward to the centerline of the former R-O-W. Access to the portion of the Site not owned by NSRC was granted to USEPA by warrant issued on July 23, 2009. USEPA notified NSRC of the issuance of the warrant granting NSRC access, as USEPA's agent for that purpose, by letter dated July 29,

2009. Lead-impacted surface soil is being assessed and remediated at the Site in accordance with the approved RAP.

2.0 RESPONSE ACTIONS COMPLETED DURING REPORTING PERIOD

In accordance with the SA and RAP, MM&A has completed the following activities:

1. A site-specific Health and Safety Plan (HASP) was prepared in accordance with 29 Code of Federal Regulations (CFR) 1910.120. The HASP provides for proper decontamination of personnel and equipment, monitoring and control of off-site migration of hazardous substances during the performance of activities at the Site and protection of public health from exposure to hazardous substances during the conduct of activities at the Site pursuant to the SA. Site activities have been and will continue to be conducted in accordance with the site-specific HASP.
2. High visibility security fencing and keep out signs were installed at the Site to prevent access by persons not conducting or overseeing the response actions, to preclude interference with the performance of the response activities, and to provide for safety of the public during non-working hours.
3. Copies of the SA were provided to Lancaster Laboratories, Inc. (Lancaster) in Lancaster Pennsylvania, Domermuth Environmental Service in Knoxville, Tennessee and MM&A in Bluefield, Virginia.
4. The boundaries of the Site and a sampling grid system were established in the area of the Site where USEPA soil samples collected during 2008 indicated lead concentrations above the cleanup goal of 400 mg/kg. Each grid square covers 625 ft² (25 ft by 25 ft).
5. Soil samples were collected from two possible borrow material locations, the Green Valley Road borrow site and Old Athens Road borrow site. Both borrow locations have no known history of residential, commercial or industrial use. The Green Valley borrow material is located immediately east of State Route 19 at approximately 37° 20' 2.65" North Latitude and 81° 7' 33.92" West Longitude. The Athens Road borrow site is east of Exit 17 on I-77 at approximately 37° 25' 21.39" North Latitude and 81° 3' 38.83" West Longitude. Borrow materials at both locations are comprised of silty clay or clayey silt. Five point composite soil samples were collected from each 300 tons of possible borrow material. The composite soil samples were submitted to Lancaster for analyses of target compound list (TCL) volatile organic compounds (VOCs) per USEPA Method 8260B, polychlorinated biphenyls (PCB) per USEPA Method 8082, total petroleum hydrocarbons (TPH)-diesel range organics (DRO)/oil range organics (ORO) in accordance with USEPA Method 8015B, TCL semi-volatile organic compounds (SVOCs) per USEPA 8270C, organochloride pesticides per USEPA Method 8081A, chlorinated herbicides per USEPA Method 8151A, target analyte list (TAL) metals per USEPA Methods 6010C/7470A, pH per USEPA Method 9045C Modified, ammonia

nitrogen per USEPA Method 4500 NH₃ B-C Modified and phosphorous per USEPA Method 365.1. VOC samples were collected using Terracore[®] samplers in accordance with USEPA Method 5035.

6. Miss Utility of West Virginia conducted a subsurface utility survey and cleared the R-O-W for subsurface excavation.
7. Materials and equipment are being prepared to conduct an XRF survey to delineate the lateral and vertical extent of total lead concentrations above the cleanup goal. The necessary sample bottles have been received from Lancaster.

3.0 PROBLEMS ENCOUNTERED OR ANTICIPATED

No problems were encountered and no problems are anticipated.

4.0 ACTIONS TO PREVENT OR MITIGATE PROBLEMS

None.

5.0 SCHEDULE FOR COMPLETING PROBLEM MITIGATION

None.

6.0 COPIES OF ANALYTICAL DATA

No analytical laboratory data were received during this period. No XRF analyses were performed during this period.

7.0 RESPONSE ACTION PLAN MODIFICATIONS

No modifications were made to the response action, the RAP or the schedule.

8.0 REMEDIAL ACTIONS OVER NEXT FOURTEEN DAYS

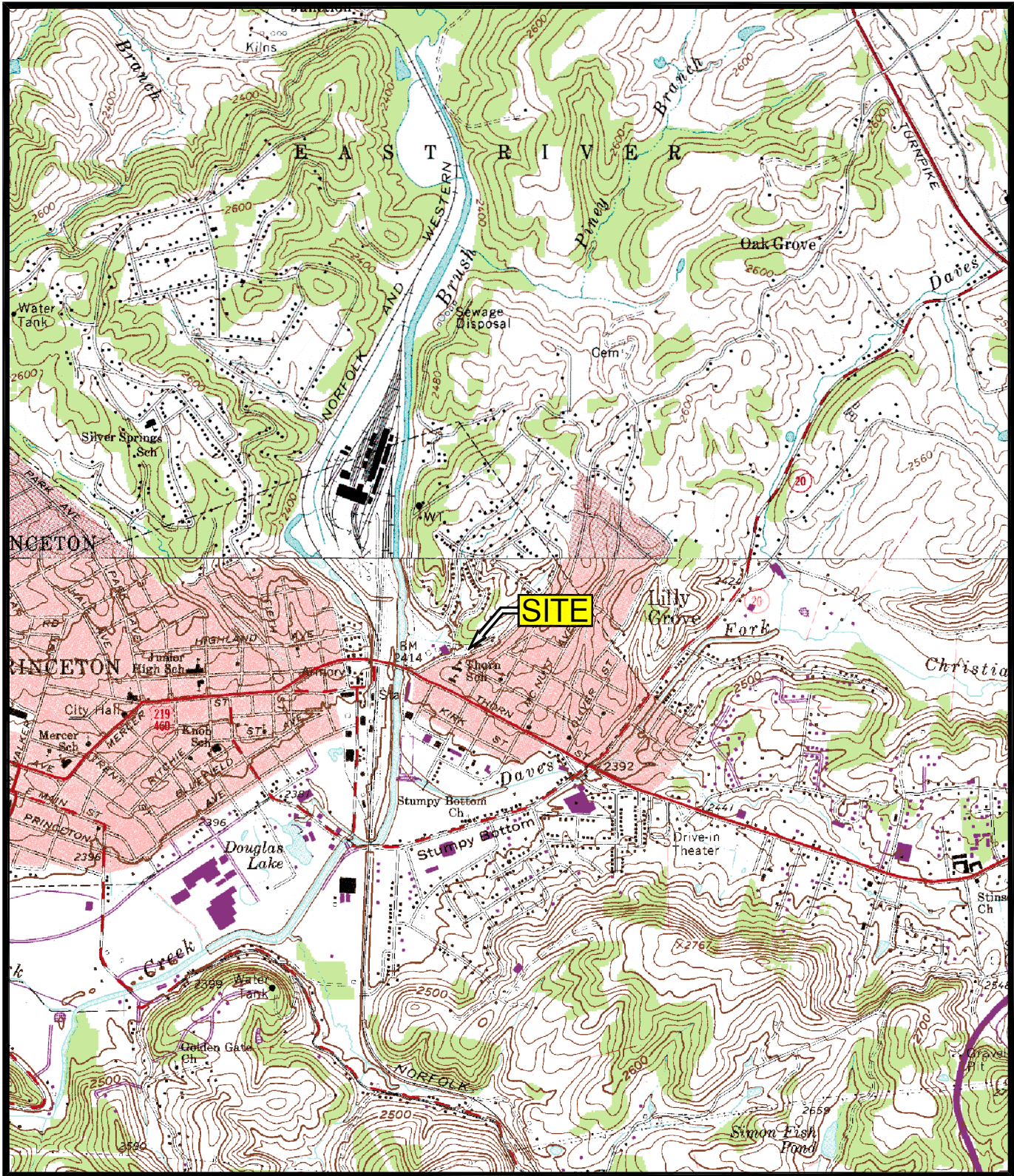
The following response actions are anticipated to be completed in the next fourteen (14) days in accordance with the schedule included in the RAP:

1. An XRF survey will be conducted to delineate the lateral and vertical extent of total lead concentrations above the cleanup goals. To confirm survey results per USEPA Method 6200, soil samples will be submitted to Lancaster, which is a West Virginia-certified laboratory for the analysis of total lead at a rate of 1:20.

2. Areas having soils (or debris) with lead concentrations above the cleanup goals, if any, will be identified using XRF survey data. The boundaries of any lead-impacted soils will be marked on the Site surface.
3. Prior to excavating any soils, composite soil samples will be collected for the analysis of total lead. In addition, appropriate samples will be analyzed for toxicity characteristic leaching procedure (TCLP) lead and other parameters required for the proper soil transportation and off-site disposal in accordance with 40 CFR 300.440 and Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Section 121 (d)(3).
4. Silt fencing will be installed during excavation activities to prevent the migration of impacted soil from the Site.
5. Prior to excavation of soil, high visibility security fencing will be installed around the perimeter of the Site and will be in place during non-working hours.

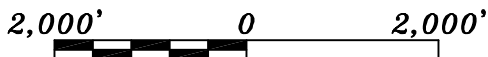
Appendix A
Maps





SS BELCHER SITE – PRINCETON, MERCER COUNTY, WEST VIRGINIA
 PORTIONS OF USGS 7.5' PRINCETON AND ATHENS, WV. QUADRANGLES

Prepared by:



SCALE 1:24,000

VICINITY MAP

MAP 1



QUADRANGLE LOCATION

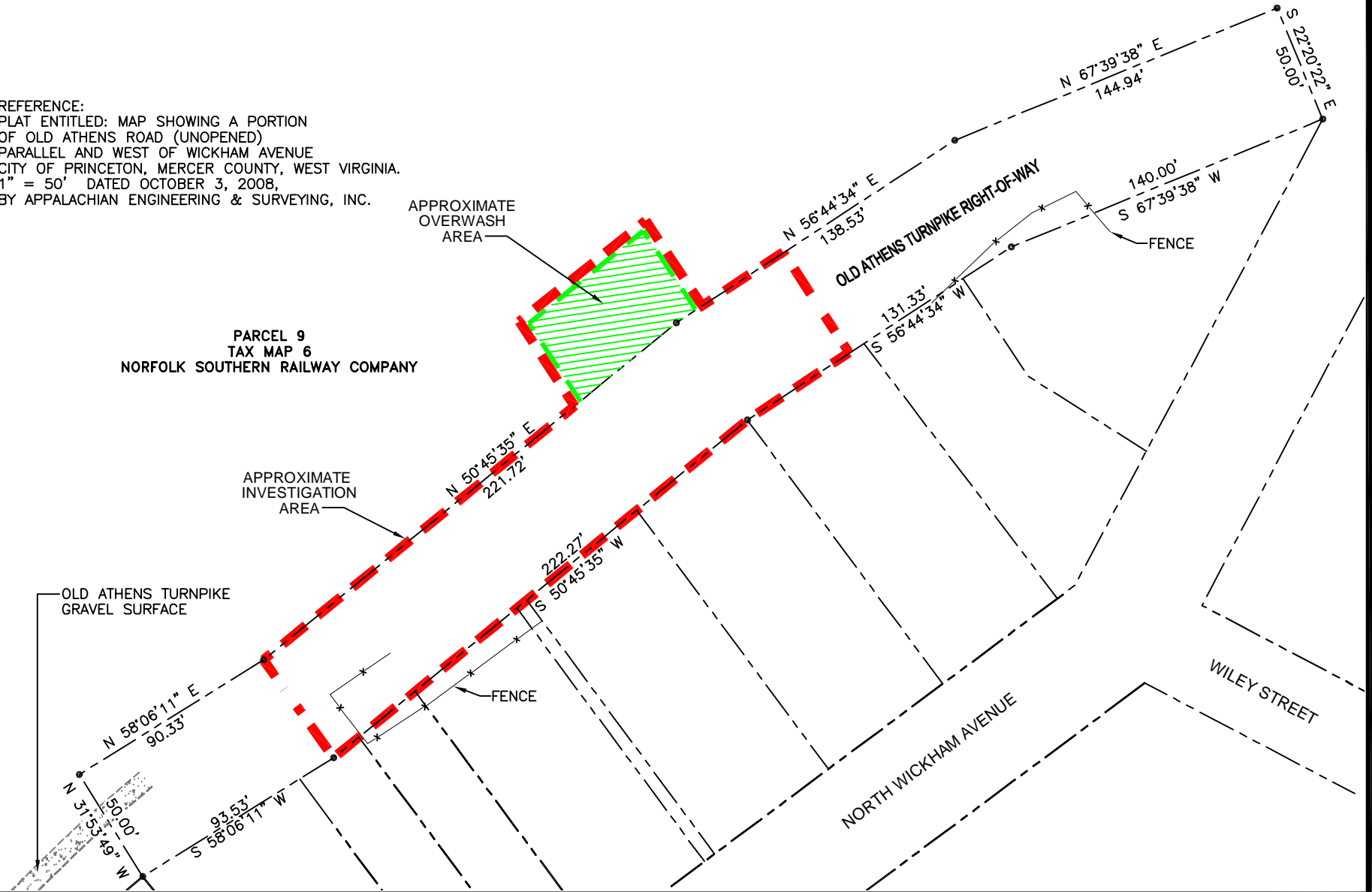
Prepared for:





REFERENCE:
PLAT ENTITLED: MAP SHOWING A PORTION
OF OLD ATHENS ROAD (UNOPENED)
PARALLEL AND WEST OF WICKHAM AVENUE
CITY OF PRINCETON, MERCER COUNTY, WEST VIRGINIA.
1" = 50' DATED OCTOBER 3, 2008,
BY APPALACHIAN ENGINEERING & SURVEYING, INC.

PARCEL 9
TAX MAP 6
NORFOLK SOUTHERN RAILWAY COMPANY



MAP 2 – SITE MAP
OLD ATHENS TURNPIKE
PRINCETON, WEST VIRGINIA

DATE:	JUNE 2009
SCALE:	1"=60'
DRAWN:	DJD
CHECKED:	GR
PROJ. #:	NS1691

